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Attorneys for Defendant/Counterclaim-Plaintiff

International Business Machines Corporation

IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF UTAH

THE SCO GROUP, INC.,

Plaintiff/Counterclaim-Defendant,

-against-

INTERNATIONAL BUSINESS MACHINES CORPORATION,

Defendant/Counterclaim-Plaintiff.

Civil No. 2:03CV-0294 DAK

Honorable Dale A. Kimball

Magistrate Judge Brooke C. Wells

DECLARATION OF IRA KISTENBERG

- I, Ira Kistenberg, declare as follows:
- From April 1984 through June 1988, I was an account executive at AT&T Technologies, Inc. ("AT&T Technologies"), responsible for the licensing of UNIX software and related materials.
- 2. This declaration is submitted in connection with the lawsuit entitled The SCO Group, Inc. v. International Business Machines Corporation, Civil Action No. 2:03CV-0294 DAK (D. Utah 2003). Except as stated otherwise, this declaration is based upon personal knowledge.
- 3. I was responsible for managing AT&T Technologies' relationships with the particular licensees assigned to me. During the time I was employed by AT&T Technologies, I reported to David Frasure, and later to Steve Edson, after Mr. Frasure left AT&T Technologies. I was responsible for the Sequent Computer Systems, Inc. ("Sequent") account, among others.
- 4. As the AT&T Technologies account executive responsible for the Sequent account, I participated in the negotiation of the following license agreements between AT&T Technologies and Sequent relating to UNIX System V:
 - the Software Agreement (Agreement Number SOFT-000321) dated April 18, 1985 (the "Sequent Software Agreement");
 - the Sublicensing Agreement (Agreement Number SUB-000321A) dated January 28, 1986 (the "Sequent Sublicensing Agreement"); and
 - the Substitution Agreement (Agreement Number XFER-000321B) dated January 28, 1986 (the "Sequent Substitution Agreement").

True and correct copies of these agreements, referred to in this declaration as the "Sequent Agreements", are attached hereto as Exhibits 1 through 3.

- 5. Based upon my duties and responsibilities at AT&T Technologies, I have firsthand knowledge of the terms and conditions of the UNIX System V licenses we entered into with licensees, including, in particular, the Sequent Agreements. While I was employed at AT&T Technologies, I participated in negotiations and discussions regarding many such UNIX System V licenses. It was normally my responsibility to conduct negotiations with a licensee, and then prepare final agreements for signature by the licensee and by Mr. Wilson or Mr. Frasure for AT&T Technologies (or Mr. Edson, after Mr. Frasure's departure).
- 6. As a general rule, we at AT&T Technologies intended to treat of all our licensees in the same way. We never intended to give any one of our licensees an edge over another licensee. To the extent we provided certain clarifications to one licensee or another, we would provide the same clarifications to all of our licensees.
- 7. AT&T Technologies used standard form agreements to license
 UNIX System V, including a standard "software agreement" and a standard "sublicensing
 agreement".
- 8. The standard software agreement granted licensees the right to use UNIX System V source code and related materials—referred to as the "SOFTWARE PRODUCT" or "SOFTWARE PRODUCTS" in the agreement—and also placed certain restrictions on that use.
- 9. For example, in early versions of the standard software agreement, including the Sequent Software Agreement:
 - Section 2.01 granted licensees a "personal, nontransferable and nonexclusive right to use in the United States each SOFTWARE PRODUCT identified in the one or more Supplements hereto, solely for LICENSEE's own internal business purposes."

- Section 2.05 provided: "No right is granted by this Agreement for the use of SOFTWARE PRODUCTS directly for others, or for any use of SOFTWARE PRODUCTS by others."
- Section 4.01 provided: "LICENSEE agrees that it will not, without the prior written consent of AT&T, export, directly or indirectly, SOFTWARE PRODUCTS covered by this Agreement to any country outside of the United States."
- Section 7.06(a) provided: "LICENSEE agrees that it shall hold all parts of the SOFTWARE PRODUCTS subject to this Agreement in confidence for AT&T."
- Section 7.10 provided: "Except as provided in Section 7.06(b), nothing in this Agreement grants to LICENSEE the right to sell, lease or otherwise transfer or dispose of a SOFTWARE PRODUCT in whole or in part."

As I communicated to the licensees that I was responsible for, these provisions were intended to define the scope of the licensee's rights only with respect to the "SOFTWARE PRODUCT" or "SOFTWARE PRODUCTS", in other words, the UNIX System V source code and related materials. We did not intend these provisions to restrict our licensees' use, export, disclosure or transfer of any source code that our licensees developed on their own.

10. The standard software agreements also granted licensees the right to modify UNIX System V source code and to prepare derivative works based upon the code. As AT&T Technologies intended the agreements, and as we told our licensees, the licensees owned the modifications and derivative works they prepared based on UNIX System V, and could do whatever they wanted with those modifications and derivative works, as long as they treated those portions of the modifications or derivative work consisting of any UNIX System V source code the same way they treated the UNIX System V source code that we provided to them.

11. In early versions of the standard software agreement, including the Sequent Software Agreement, Section 2.01 contained the following language regarding modifications and derivative works:

Such right to use includes the right to modify such SOFTWARE PRODUCT and to prepare derivative works based on such SOFTWARE PRODUCT, provided the resulting materials are treated hereunder as part of the original SOFTWARE PRODUCT.

As I, and others at AT&T Technologies, assured our licensees, this language does not, and was never intended to, give AT&T Technologies the right to assert any control over the modifications or derivative works prepared by our licensees, except to the extent of the licensed UNIX System V source code that was included in such modifications or derivative works. The term "resulting materials" in the context of the software agreements was intended only to mean those portions of a licensees' modifications or derivative works that included the licensed UNIX System V source code.

- 12. In my understanding, Section 2.01 did not in any way expand the scope of the software agreement to restrict our licensees' use, export, disclosure or transfer of their own original code, even if such code was contained in a modification or derivative work of UNIX System V. The purpose of the software agreement was to protect AT&T Technologies' UNIX System V source code, and was not meant to claim for AT&T Technologies our licensees' own work. It would not make sense to me to read this Section 2.01 to place restrictions on code that our licensees created themselves—that code was theirs.
- 13. A number of licensees requested clarification that they, not AT&T Technologies, owned, and could do what they wanted with, the modifications and derivative works prepared by or for them. We always provided this requested

clarification—both orally and in writing—when asked, because it was consistent with the original intent of Section 2.01 of the standard software agreement.

- 14. Indeed, since so many licensees requested clarification of that provision of the standard software agreement, we announced in early 1985 at seminars hosted by AT&T Technologies and in a newsletter called "\$ echo" that we would be modifying the language of our standard software agreements to clarify even further that licensees owned their modifications and derivative works, except for the licensed UNIX System V source code included in such modifications and derivative works.
- 15. Although I did not have any responsibility for preparing the \$ echo newsletters, I reviewed them at the time they were created and am familiar with their content. The \$ echo newsletter was published by the licensing group at AT&T Technologies and was intended to communicate, and apply to, all our licensees.
- 16. The April 1985 edition of \$ echo, a true and correct copy of which is attached hereto as Exhibit 4, summarizes presentations made by Mr. Frasure at seminars hosted by AT&T Technologies in New York and Santa Clara outlining various revisions we intended to make to the standard software and sublicensing agreements.
- 17. With respect to Section 2.01 of the software agreement, the newsletter states that "[1] anguage changes will be made to clarify ownership of modifications or derivative works prepared by a licensee." As is emphasized in the newsletter, the changes we intended to make to Section 2.01 did not alter the meaning of the standard software agreements that our UNIX System V licensees had already entered into, but instead were intended to provide clarification as to the original intent of the section.

18. The August 1985 edition of \$ echo, a true and correct copy of which is attached hereto as Exhibit 5, describes in detail the changes we made to the standard software and sublicensing agreements. With respect to Section 2.01, the newsletter states:

Section 2.01 - The last sentence was added to assure licensees that AT&T will claim no ownership in the software that they developed -- only the portion of the software developed by AT&T.

This is consistent with our position that the new language we added to the standard software agreement was intended only to serve to clarify the original intent of Section 2.01 that AT&T Technologies did not claim any right to its licensees' original work contained in modifications or derivatives of UNIX System V. The language did not represent in any way a departure from the original intent of Section 2.01.

- 19. An example of the revised language referred to in the \$ echo newsletter appears in Section 2.01 of a software agreement between AT&T Information Systems Inc. and The Santa Cruz Operation, Inc. ("Santa Cruz") entered into in May 1987, a true and correct copy of which is attached hereto as Exhibit 6. I was the account executive responsible for Santa Cruz and I participated personally in the negotiation of this agreement with Santa Cruz.
 - 20. The agreement with Santa Cruz includes the following language:

Such right to use includes the right to modify such SOFTWARE PRODUCT and to prepare derivative works based on such SOFTWARE PRODUCT, provided that any such modification or derivative work that contains any part of a SOFTWARE PRODUCT subject to this Agreement is treated hereunder the same as such SOFTWARE PRODUCT. AT&T-IS claims no ownership interest in any portion of such a modification or derivative work that is not part of a SOFTWARE PRODUCT. (emphasis added).

This revised language was intended only to clarify the original meaning of Section 2.01 in the standard software agreement, not to change it. We interpreted Section 2.01 of all of our software agreements the exact same way.

- 21. Although the \$ echo newsletter notes that all UNIX System V licensees could request "specimen copies" of the revised software agreement from the Software Sales and Licensing group, we did not require our licensees to enter into new agreements. We intended the revised language of Section 2.01 (and other sections) to apply to all of our UNIX System V licensees, including Sequent, regardless of which version of the standard software and sublicensing agreements they had specifically entered into.
- 22. As it was our general policy not to treat our licensees differently, whether or not our licensees had a side letter clarifying the treatment of modifications or derivative works or had entered into agreements containing the revised Section 2.01 of the standard software agreement, our intent with respect to each or of licensees was the same. To my knowledge, no one at AT&T Technologies ever intended to assert ownership or control over any portion of a modification or derivative work that did not contain our licensed UNIX System V code. Our licensees, including Sequent, were free to use and disclose the modifications or derivative works they created, provided that they did not use and disclose any portion of the licensed UNIX System V source code.
- 23. It is my understanding that Sequent's Dynix products may include some licensed UNIX System V source code, but I do not know whether Dynix is so similar to UNIX System V that it can be viewed as a modification of, or derivative work based on, UNIX System V. In any event, as I understand the Sequent Agreements,

Sequent was free to use, export, disclose or transfer any Dynix source code, except for those portions of Dynix that consisted of licensed UNIX System V source code.

- 24. I understand that plaintiff claims that Sequent has breached its license agreement with AT&T Technologies by improperly using, exporting, disclosing or transferring Dynix source code, irrespective of whether Sequent has disclosed any specific protected source code from UNIX System V. At least as I understand the Sequent Agreements, that is simply not consistent with what the parties intended by the agreements.
- 25. I declare under penalty of perjury that the foregoing is true and correct.

Executed: June 24, 2004.

Boynton Beach, Florida

AT&T TECHNOLOGIES, INC. SOFTWARE AGREEMENT

1. AT&T TECHNOLOGIES, INC., a New York corporation ("AT&T"), having an office at 1 Oak Way, Berkeley Heights, New Jersey 07922, and SEQUENT COMPUTER SYSTEMS, INC., a Delaware corporation having an office at 14360 N. W. Science Park Drive, Portland, Oregon 97229,

for itself and its SUBSIDIARIES (collectively referred to herein as "LICENSEE") agree that, after execution of this Agreement by LICENSEE and acceptance of this Agreement by AT&T, the terms and conditions set forth on pages 1 through 6 of this Agreement shall apply to use by LICENSEE of SOFTWARE PRODUCTS that become subject to this Agreement.

- 3. Additional Supplements may be added to this Agreement to add additional SOFTWARE PRODUCTS (and DESIGNATED CPUs therefor) or to add or replace DESIGNATED CPUs for other SOFTWARE PRODUCTS covered by previous Supplements. Each such additional Supplement shall be considered part of this Agreement when executed by LICENSEE and accepted by AT&T.
- 4. This Agreement and its Supplements set forth the entire agreement and understanding between the parties as to the subject matter hereof and merge all prior discussions between them, and neither of the parties shall be bound by any conditions, definitions, warranties, understandings or representations with respect to such subject matter other than as expressly provided herein or as duly set forth on or subsequent to the date of acceptance hereof in writing and signed by a proper and duly authorized representative of the party to be bound thereby. No provision appearing on any form originated by LICENSEE shall be applicable unless such provision is expressly accepted in writing by an authorized representative of AT&T.

Accepted by:

SEQUENT COMPUTER SYSTEMS, INC.

By (Signature) (Date)

David P. Rodgers
(Type or print name)

AT&T TECHNOLOGIES, INC.

(Signature) (Date)

(Signature) (Date)

(Type or print name)

(Type or print name)

Vice President of Engineerin Manager, Software Sales and Marketing (Title) (Title)

I. DEFINITIONS

- 1.01 CPU means central processing unit.
- 1.02 COMPUTER PROGRAM means any instruction or instructions, in source-code or object-code format, for controlling the operation of a CPU.
- 1.03 DESIGNATED CPU means any CPU listed as such for a specific SOFTWARE PRODUCT in a Supplement to this Agreement.
- 1.04 SOFTWARE PRODUCT means materials such as COMPUTER PROGRAMS, information used or interpreted by COMPUTER PROGRAMS and documentation relating to the use of COMPUTER PROGRAMS. Materials available from AT&T for a specific SOFTWARE PRODUCT are listed in the Schedule for such SOFTWARE PRODUCT.
- 1.05 SUBSIDIARY of a company means a corporation or other legal entity (i) the majority of whose shares or other securities entitled to vote for election of directors (or other managing authority) is now or hereafter controlled by such company either directly or indirectly; or (ii) the majority of the equity interest in which is now or hereafter owned and controlled by such company either directly or indirectly; but any such corporation or other legal entity shall be deemed to be a SUBSIDIARY of such company only so long as such control or such ownership and control exists.

II. GRANT OF RIGHTS

- 2.01 AT&T grants to LICENSEE a personal, nontransferable and nonexclusive right to use in the United States each SOFTWARE PRODUCT identified in the one or more Supplements hereto, solely for LICENSEE'S own internal business purposes and solely on or in conjunction with DESIGNATED CPUs for such SOFTWARE PRODUCT. Such right to use includes the right to modify such SOFTWARE PRODUCT and to prepare derivative works based on such SOFTWARE PRODUCT, provided the resulting materials are treated hereunder as part of the original SOFTWARE PRODUCT.
- 2.02 A single back-up CPU may be used as a substitute for a DESIGNATED CPU without notice to AT&T during any time when such DESIGNATED CPU is inoperative because it is malfunctioning or undergoing repair, maintenance or other modification.
- 2.03 LICENSEE may at any time notify AT&T in writing of any changes, such as replacements or additions, that LICENSEE wishes to make to the DESIGNATED CPUs for a specific SOFTWARE PRODUCT. AT&T will prepare additional Supplements as required to cover such changes. Changes covered by a Supplement shall become effective after execution of such Supplement by LICENSEE, acceptance thereof by AT&T and, in the case of each additional CPU, receipt by AT&T of the appropriate fee.

2.04 On AT&T'S request, but not more frequently than annually, LICENSEE shall furnish to AT&T a statement, certified by an authorized representative of LICENSEE, listing the location, type and serial number of all DESIGNATED CPUs hereunder and stating that the use by LICENSEE of SOFTWARE PRODUCTS subject to this Agreement has been reviewed and that each such SOFTWARE PRODUCT is being used solely on DESIGNATED CPUs (or temporarily on back-up CPUs) for such SOFTWARE PRODUCTS pursuant to the provisions of this Agreement.

2.05 No right is granted by this Agreement for the use of SOFTWARE PRODUCTS directly for others, or for any use of SOFTWARE PRODUCTS by others.

III. DELIVERY

- 3.01 Within a reasonable time after AT&T receives the fee specified in the first Supplement for a SOFTWARE PRODUCT, AT&T will furnish to LICENSEE one (1) copy of such SOFTWARE PRODUCT in the form identified in the Schedule for such SOFTWARE PRODUCT.
- 3.02 Additional copies of SOFTWARE PRODUCTS covered by this Agreement will be furnished to LICENSEE after receipt by AT&T of the thencurrent distribution fee for each such copy.

IV. EXPORT

4.01 LICENSEE agrees that it will not, without the prior written consent of AT&T, export, directly or indirectly, SOFTWARE PRODUCTS covered by this Agreement to any country outside of the United States.

V. FEES AND TAXES

- 5.01 Within sixty (60) days after acceptance of this Agreement by AT&T, LICENSEE shall pay to AT&T the fees required by the Supplement(s) initially attached hereto for the DESIGNATED CPUs listed in such Supplement(s).
- 5.02 Within sixty (60) days after acceptance of each additional Supplement by AT&T, LICENSEE shall pay to AT&T any fee required by such additional Supplement for the DESIGNATED CPUs listed in such additional Supplement.
- 5.03 Payments to AT&T shall be made in United States dollars to AT&T at the address specified in Section 7.11(a).
- 5.04 LICENSEE shall pay all taxes, including any sales or use tax (and any related interest or penalty), however designated, imposed as a result of the existence or operation of this Agreement, except any income tax imposed upon AT&T by any governmental entity within the United States proper (the fifty (50) states and the District of Columbia). Fees specified in Supplement(s) to this Agreement and in Schedule(s) attached to Supplement(s) are exclusive of any taxes. If AT&T is required to collect a tax to be paid by LICENSEE, LICENSEE shall pay such tax to AT&T on demand.

VI. TERM

- 6.01 This Agreement shall become effective on and as of the date of acceptance by AT&T.
- 6.02 LICENSEE may terminate its rights under this Agreement by written notice to AT&T certifying that LICENSEE has discontinued use of and returned or destroyed all copies of SOFTWARE PRODUCTS subject to this Agreement.
- 6.03 If LICENSEE fails to fulfill one or more of its obligations under this Agreement, AT&T may, upon its election and in addition to any other remedies that it may have, at any time terminate all the rights granted by it hereunder by not less than two (2) months' written notice to LICENSEE specifying any such breach, unless within the period of such notice all breaches specified therein shall have been remedied; upon such termination LICENSEE shall immediately discontinue use of and return or destroy all copies of SOFTWARE PRODUCTS subject to this Agreement.
- 6.04 'In the event of termination of rights under Sections 6.02 or 6.03, AT&T shall have no obligation to refund any amounts paid to it under this Agreement.
- 6.05 LICENSEE agrees that when a SUBSIDIARY'S relationship to LICENSEE changes so that it is no longer a SUBSIDIARY of LICENSEE, (i) all rights of such former SUBSIDIARY to use SOFTWARE PRODUCTS subject to this Agreement shall immediately cease, and (ii) such former SUBSIDIARY shall immediately discontinue use of and return to LICENSEE or destroy all copies of SOFTWARE PRODUCTS subject to this Agreement. No fees paid to AT&T for use of SOFTWARE PRODUCTS on DESIGNATED CPUs of such former SUBSIDIARIES shall be refunded; however, LICENSEE may substitute other CPUs for such DESIGNATED CPUs in accordance with Section 2.03.

VII. MISCELLANEOUS PROVISIONS

- 7.01 Nothing contained herein shall be construed as conferring by implication, estoppel or otherwise any license or right under any patent or trademark. However, in respect of patents under which AT&T can grant rights, AT&T grants to LICENSEE all such rights necessary for the use by LICENSEE, pursuant to the rights granted herein, of SOFTWARE PRODUCTS, except to the extent that such patents apply (i) independently of the use of any such SOFTWARE PRODUCT, (ii) because a DESIGNATED CPU is used in combination with other hardware or (iii) because any such SOFTWARE PRODUCT is modified from the version furnished hereunder to LICENSEE by AT&T or is used in combination with other software.
- 7.02 This Agreement shall prevail notwithstanding any conflicting terms or legends which may appear in a SOFTWARE PRODUCT.

7.03 AT&T warrants that it is empowered to grant the rights granted hereunder. AT&T makes no other representations or warranties, expressly or impliedly. By way of example but not of limitation, AT&T makes no representations or warranties of merchantability or fitness for any particular purpose, or that the use of any SOFTWARE PRODUCT will not infringe any patent, copyright or trademark. AT&T shall not be held to any liability with respect to any claim by LICENSEE, or a third party on account of, or arising from, the use of any SOFTWARE PRODUCT.

7.04 LICENSEE agrees that it will not, without the prior written permission of AT&T, (i) use in advertising, publicity, packaging, labeling or otherwise any trade name, trademark, trade device, service mark, symbol or any other identification or any abbreviation, contraction or simulation thereof owned by AT&T (or a corporate affiliate thereof) or used by AT&T (or such an affiliate) to identify any of its products or services, or (ii) represent, directly or indirectly, that any product or service of LICENSEE is a product or service of AT&T (or such an affiliate), or is made in accordance with or utilizes any information or documentation of AT&T (or such an affiliate).

7.05 Neither the execution of this Agreement nor anything in it or in any SOFTWARE PRODUCT shall be construed as an obligation upon AT&T to furnish any person, including LICENSEE, any assistance of any kind whatsoever, or any information or documentation other than the SOFTWARE PRODUCTS to be furnished pursuant to Sections 3.01 and 3.02.

- 7.06 (a) LICENSEE agrees that it shall hold all parts of the SOFTWARE PRODUCTS subject to this Agreement in confidence for AT&T. LICENSEE further agrees that it shall not make any disclosure of any or all of such SOFTWARE PRODUCTS (including methods or concepts utilized therein) to anyone, except to employees of LICENSEE to whom such disclosure is necessary to the use for which rights are granted hereunder. LICENSEE shall appropriately notify each employee to whom any such disclosure is made that such disclosure is made in confidence and shall be kept in confidence by such employee. If information relating to a SOFTWARE PRODUCT subject to this Agreement at any time becomes available without restriction to the general public by acts not attributable to LICENSEE or its employees, LICENSEE'S obligations under this section shall not apply to such information after such time.
- (b) Notwithstanding the provisions of Section 7.06(a), LICENSEE may distribute copies of a SOFTWARE PRODUCT, either in modified or unmodified form, to third parties having licenses of equivalent scope herewith from AT&T (or a corporate affiliate thereof) for the same SOFTWARE PRODUCT, provided that LICENSEE first verifies the status of any such third party in accordance with specific instructions issued by AT&T. Such instructions may be obtained on request from AT&T at the correspondence address specified in Section 7.11(b). LICENSEE may also obtain materials based on a SOFTWARE PRODUCT subject to this Agreement from such a third party and use such materials pursuant to this Agreement, provided that LICENSEE treats such materials as if they were part of such SOFTWARE PRODUCT.

7.07 The obligations of LICENSEE and its employees under Section 7.06(a) shall survive and continue after any termination of rights under this Agreement or cessation of a SUBSIDIARY'S status as a SUBSIDIARY.

7.08 LICENSEE agrees that it will not use SOFTWARE PRODUCTS subject to this Agreement except as authorized herein and that it will not make, have made or permit to be made any copies of such SOFTWARE PRODUCTS except for use on DESIGNATED CPUs for such SOFTWARE PRODUCTS (including backup and archival copies necessary in connection with such use) and for distribution in accordance with Section 7.06(b). Each such copy shall contain the same copyright and/or proprietary notices or notice giving credit to a developer, which appear on or in the SOFTWARE PRODUCT being copied.

- 7.09 Neither this Agreement nor any rights hereunder, in whole or in part, shall be assignable or otherwise transferable by LICENSEE and any purported assignment or transfer shall be null and void.
- 7.10 Except as provided in Section 7.06(b), nothing in this Agreement grants to LICENSEE the right to sell, lease or otherwise transfer or dispose of a SOFTWARE PRODUCT in whole or in part.
- 7.11 (a) Payments to AT&T under this Agreement shall be made payable and sent to:

AT&T TECHNOLOGIES, INC. P.O. Box 65080 Charlotte, North Carolina 28265

(b) Correspondence with AT&T relating to this Agreement shall be sent to:

AT&T TECHNOLOGIES, INC.
Software Sales and Marketing Organization
P.O. Box 25000
Greensboro, North Carolina 27420

- (c) Any payment, statement, notice, request or other communication shall be deemed to be sufficiently given to the addressee and any delivery hereunder deemed made when sent by certified mail addressed to LICENSEE at its office specified in this Agreement or to AT&T at the appropriate address specified in this Section 7.11. Each party to this Agreement may change an address relating to it by written notice to the other party.
- 7.12 If LICENSEE is not a corporation, all references to LICENSEE'S SUBSIDIARIES shall be deemed deleted.
- 7.13 The construction and performance of this Agreement shall be governed by the law of the State of New York.

Agreement N

AT&T TECHNOLOGIES, INC. SUBLICENSING AGREEMENT

1. AT&T TECHNOLOGIES, INC., a New York corporation ("AT&T"), having an office at 1 Oak Way, Berkeley Heights, New Jersey 07922, and SEQUENT COMPUTER SYSTEMS, INC., a Delaware corporation

having an office at 14360 N. W. Science Park Drive, Portland, Oregon 97229,

for itself and its SUBSIDIARIES (collectively referred to herein as "LICENSEE") agree that, after execution of this Sublicensing Agreement by LICENSEE and acceptance of this Sublicensing Agreement by AT&T, the terms and conditions set forth on pages 1 through 9 of this Sublicensing Agreement shall apply to the SOFTWARE PRODUCTS subject to Software Agreement Number between AT&T and LICENSEE ("the Software Agreement").

- 2. The discount percentage applicable to per-copy fees payable hereunder shall be % during the initial period. The advance commitment for the initial period shall be \$ (See Section 4.02).
- 3. Except as otherwise specifically provided herein, all the provisions of the Software Agreement remain in full force and effect.
- 4. This Sublicensing Agreement, together with the Software Agreement and its Supplement(s), sets forth the entire agreement and understanding between the parties as to the subject matter hereof and merges all prior discussions between them, and neither of the parties shall be bound by any conditions, definitions, warranties, understandings or representations with respect to such subject matter other than as expressly provided herein or as duly set forth on or subsequent to the effective date hereof in writing and signed by a proper and duly authorized representative of the party to be bound thereby. No provision appearing on any form originated by LICENSEE shall be applicable unless such provision is expressly accepted in writing by an authorized representative of AT&T.

Accepted by:

SEQUENT COMPUTER SYSTEMS, INC.

AT&T TECHNOLOGIES, INC.

By JAN 2 8 1986

(Signature) (Date) (Signature) (Date)

DAVID P. RODGERS

(Type or print name) (Type or print name)

VICE - PRESIDENT (Title) Manager, Software Sales and Marketing (Title)

I. DEFINITIONS

- 1.01 The terms "CPU", "COMPUTER PROGRAM", "SOFTWARE PRODUCT" and "SUBSIDIARIES" are defined in the Software Agreement.
- 1.02 AUTHORIZED COPIER means a DISTRIBUTOR authorized by LICENSEE to make copies of SUBLICENSED PRODUCTS.
- 1.03 DISTRIBUTOR means an entity authorized by LICENSEE or another DISTRIBUTOR to receive copies of SUBLICENSED PRODUCTS from LICENSEE or another DISTRIBUTOR and furnish such copies to customers and/or other DISTRIBUTORS.
- 1.04 SUBLICENSED PRODUCT means (i) COMPUTER PROGRAMS in object-code format based on a SOFTWARE PRODUCT subject to the Software Agreement and (ii) any other materials identified in the "Sublicensing" section of the Schedule for such SOFTWARE PRODUCT.

II. GRANT OF RIGHTS

- 2.01 Notwithstanding any provisions to the contrary in the Software Agreement, AT&T grants to LICENSEE personal, nontransferable and nonexclusive rights:
 - (a) to make copies of SUBLICENSED PRODUCTS and to furnish, either directly or through DISTRIBUTORS, such copies of SUBLICENSED PRODUCTS to customers anywhere in the world (subject to U.S. government export restrictions) for use on customer CPUs solely for each such customer's internal business purposes, provided that the entity (LICENSEE or a DISTRIBUTOR) furnishing the SUBLICENSED PRODUCTS obtains agreement as specified in Section 2.02 from such a customer, before or at the time of furnishing each copy of a SUBLICENSED PRODUCT, that:
 - (i) only a personal, nontransferable and nonexclusive right to use such copy of the SUBLICENSED PRODUCT on one CPU at a time is granted to such customer;
 - (ii) no title to the intellectual property in the SUBLICENSED PRODUCT is transferred to such customer;
 - (iii) such customer will not copy the SUBLICENSED PRODUCT except as necessary to use such SUBLICENSED PRODUCT on such one CPU;

- (iv) such customer will not transfer the SUBLICENSED PRODUCT to any other party except as authorized by the entity furnishing the SUBLICENSED PRODUCT;
- (v) such customer will not export or re-export the SUBLICENSED PRODUCT without the appropriate United States or foreign government licenses;
- (vi) such customer will not reverse compile or disassemble the SUBLICENSED PRODUCT;
- (b) to use SUBLICENSED PRODUCTS on LICENSEE'S CPUs solely for LICENSEE'S own internal business purposes; and
- (c) to use, and to permit DISTRIBUTORS to use, SUBLICENSED PRODUCTS without fee solely for testing CPUs that are to be delivered to customers and for demonstrating SUBLICENSED PRODUCTS to prospective customers.
- 2.02 In the United States and in other jurisdictions where an enforceable copyright covering the COMPUTER PROGRAMS of the SUBLICENSED PRODUCT exists, the agreement specified in Section 2.01(a) may be a written agreement signed by the customer or a written agreement on the package containing the SUBLICENSED PRODUCT that is fully visible to the customer and that the customer accepts by opening the package. In all other jurisdictions such agreement must be a written agreement signed by the customer. AT&T does not undertake to inform LICENSEE of the jurisdictions where such copyright exists.
- 2.03 LICENSEE shall require each DISTRIBUTOR to enter into a written agreement with its supplier of SUBLICENSED PRODUCTS (LICENSEE or another DISTRIBUTOR) before any SUBLICENSED PRODUCT is furnished to such DISTRIBUTOR. Such agreement shall include provisions consistent with and containing the relevant substance of Sections 2.01, 2.02, 2.04, 2.07, this Section 2.03 and Section 3.05 of this Sublicensing Agreement. For a DISTRIBUTOR who is also to be an AUTHORIZED COPIER, such agreement shall also include provisions consistent with and containing the relevant substance of Sections 2.05, 2.08, 2.10 and 5.01 of this Sublicensing Agreement.
- 2.04 DISTRIBUTORS who are not also AUTHORIZED COPIERS may not make copies of SUBLICENSED PRODUCTS, but may furnish to customers copies of SUBLICENSED PRODUCTS furnished to such DISTRIBUTOR by LICENSEE or other DISTRIBUTORS. In such cases the product name appearing on such copies shall not be deleted or altered by such a DISTRIBUTOR.

- 2.05 (a) A DISTRIBUTOR who is also an AUTHORIZED COPIER may modify and make copies of SUBLICENSED PRODUCTS, select a name for SUBLICENSED PRODUCTS to appear on such copies (consistent with the provisions of Section 2.10), and furnish such copies to customers and other DISTRIBUTORS.
- (b) If an AUTHORIZED COPIER also has been granted a right to use a SOFTWARE PRODUCT, either as a licensee of AT&T (or of a corporate affiliate thereof) or as a contractor of LICENSEE (in accordance with requirements of AT&T), such AUTHORIZED COPIER may use such SOFTWARE PRODUCT to modify a SUBLICENSED PRODUCT derived from such SOFTWARE PRODUCT. If LICENSEE and such AUTHORIZED COPIER agree in writing that all right, title and interest in the resulting modifications belong to LICENSEE, then copies of such modified SUBLICENSED PRODUCT may be furnished to such customers and fees for such copies may be paid to AT&T pursuant to this Sublicensing Agreement. However, if all right, title and interest in the resulting modifications do not belong to LICENSEE then such AUTHORIZED COPIER must be a licensee of AT&T (or of a corporate affiliate thereof) for such SOFTWARE PRODUCT and copies of such modified SUBLICENSED PRODUCT must be furnished to customers and fees must be paid to AT&T only pursuant to a Sublicensing Agreement between AT&T and such AUTHORIZED COPIER, even if the version of such SOFTWARE PRODUCT used by such AUTHORIZED COPIER is furnished to such AUTHORIZED COPIER by LICENSEE. Regardless of which Sublicensing Agreement is involved in furnishing a copy of a SUBLICENSED PRODUCT to a customer, only one fee shall be collected by AT&T for such copy.
- 2.06 LICENSEE shall use its best efforts to enforce the agreements with DISTRIBUTORS and customers specified in this Sublicensing Agreement.
- 2.07 If a DISTRIBUTOR fails to fulfill one or more of its obligations under the agreement required by Section 2.03, AT&T may, upon its election and in addition to any other remedies that it may have, at any time notify LICENSEE in writing of such breach and require LICENSEE to terminate all the rights granted in such agreement by not less than two (2) months' written notice to such DISTRIBUTOR specifying any such breach, unless within the period of such notice all breaches specified therein shall have been remedied; upon such termination such DISTRIBUTOR shall within thirty (30) days immediately discontinue use of and return or destroy all copies of SUBLICENSED PRODUCTS in its possession.
- 2.08 (a) Any notice acknowledging a contribution of a third party appearing in a SOFTWARE PRODUCT shall be included in corresponding portions of SUBLICENSED PRODUCTS made by LICENSEE or AUTHORIZED COPIERS.

- (b) Each portion of a SUBLICENSED PRODUCT shall include an appropriate copyright notice. Such copyright notice may be the copyright notice or notices appearing in or on the corresponding portions of the SOFTWARE PRODUCT on which such SUBLICENSED PRODUCT is based or, if copyrightable changes are made in developing such SUBLICENSED PRODUCT, a copyright notice identifying the owner of such changes.
- 2.09 In certain cases AT&T may make copies of software materials available on appropriate media for purchase by LICENSEE for distribution by LICENSEE as SUBLICENSED PRODUCTS. However, purchase of such copies shall not relieve LICENSEE of its obligation to pay fees under this Sublicensing Agreement for such SUBLICENSED PRODUCTS.
- 2.10 No right is granted hereunder or under the Software Agreement to use any trademark of AT&T (or a corporate affiliate thereof) in the name of the SUBLICENSED PRODUCTS offered or furnished to customers by LICENSEE or DISTRIBUTORS. However, LICENSEE and DISTRIBUTORS may state in advertising, publicity, packaging, labeling or otherwise that a SUBLICENSED PRODUCT is derived from AT&T'S software under license from AT&T and identify such software (including any trademark, provided the proprietor of the trademark is appropriately identified). LICENSEE agrees, for itself and its DISTRIBUTORS, not to use a name or trademark for a SUBLICENSED PRODUCT that is confusingly similar to a name or trademark used by AT&T (or a corporate affiliate thereof).

III. TERM

- 3.01 This Sublicensing Agreement shall become effective for an initial period that expires one year from the end of the quarter (ending March 31st, June 30th, September 30th or December 31st) during which this Sublicensing Agreement is accepted.
- 3.02 Unless LICENSEE notifies AT&T in writing or AT&T—notifies LICENSEE in writing at least thirty (30) days before the expiration date established in Section 3.01 that such party does not wish renewal, this Sublicensing Agreement shall be renewed automatically for an additional one-year period and shall continue to be renewed in such a manner from year to year. Alternatively, new one-year periods may be initiated as specified in Section 4.02(d).
- 3.03 If LICENSEE fails to fulfill one or more of its obligations under this Sublicensing Agreement or the Software Agreement, AT&T may, upon its election and in addition to any other remedies that it may have, at any time terminate all the rights granted by it hereunder and under the Software Agreement by not less than two (2) months' written notice to LICENSEE specifying any such breach, unless within the period of such notice all breaches specified therein shall have been remedied; upon such termination LICENSEE shall immediately discontinue use of and return or destroy all copies of SOFTWARE PRODUCTS covered by the Software Agreement and immediately discontinue distribution and use of and destroy all copies of SUBLICENSED PRODUCTS in its possession.

1-0- 1/2 No. 23

- 3.04 Neither the expiration of this Sublicensing Agreement nor the termination of LICENSEE'S rights hereunder shall relieve LICENSEE of its obligation to pay any fee hereunder. In the event of termination of LICENSEE'S rights hereunder, all fees that LICENSEE has become obligated to pay hereunder shall become immediately due and payable.
- 3.05 LICENSEE agrees that when a SUBSIDIARY'S or a DISTRIBUTOR'S relationship to LICENSEE changes so that it is no longer a SUBSIDIARY or a DISTRIBUTOR of LICENSEE, all rights of such former SUBSIDIARY or DISTRIBUTOR under this Sublicensing Agreement shall immediately cease, and such former SUBSIDIARY or DISTRIBUTOR shall return to LICENSEE or destroy all copies of SUBLICENSED PRODUCTS for which per-copy fees have not been paid to AT&T. However, such former SUBSIDIARY or DISTRIBUTOR may continue to use copies of SUBLICENSED PRODUCTS for which per-copy fees have been paid on the same basis that a customer may use copies of SUBLICENSED PRODUCTS pursuant to Section 2.01(a).

IV. FEES AND DISCOUNTS

- 4.01 (a) For rights granted under this Sublicensing Agreement, LICENSEE shall pay to AT&T, in the manner and at the times specified in Article V, any initial sublicensing fee specified for the SOFTWARE PRODUCT on which a SUBLICENSED PRODUCT is based and a per-copy fee for each copy of a SUBLICENSED PRODUCT either (i) furnished by LICENSEE to a customer or to a DISTRIBUTOR, (ii) made by an AUTHORIZED COPIER and furnished by such AUTHORIZED COPIER to a customer or to another DISTRIBUTOR or (iii) put into use by LICENSEE on a CPU of LICENSEE. The amounts of such sublicensing fees are listed in the Schedule for each SOFTWARE PRODUCT.
- (b) Amounts paid to AT&T under this Sublicensing Agreement for a copy of a SUBLICENSED PRODUCT furnished to a particular customer shall not be creditable toward any fees payable under any agreement between AT&T (or between a corporate affiliate thereof) and such customer.
- (c) Fees paid to AT&T under this Sublicensing Agreement shall not be creditable toward fees that become payable under the Software Agreement. Fees paid under the Software Agreement shall not be creditable toward fees that become payable under this Sublicensing Agreement.
- (d) No additional fee is payable for the transfer of a SUBLICENSED PRODUCT from one customer to another customer in conjunction with the transfer of a CPU between such customers, provided that the first customer does not retain any portion of the SUBLICENSED PRODUCT after such transfer and that agreement of the second customer is obtained in accordance with Sections 2.01 and 2.02. Such transfer of a SUBLICENSED PRODUCT may result from, for example, a sale of a CPU by the first customer to the second customer or the termination of a lease with the first customer for a CPU and the execution of a new lease with the second customer for such CPU.
- (e) No additional fee is payable for the transfer of a SUBLICENSED PRODUCT from one CPU of LICENSEE to another or the transfer of a SUBLICENSED PRODUCT from one CPU of a customer to another CPU of the same customer.

- 4.02 (a) The discount percentage applicable during the initial period referred to in Section 3.01 shall be based on LICENSEE'S advance commitment to pay a specified minimum total amount of discounted per-copy fees for SUBLICENSED PRODUCTS furnished or put into use during such initial period. If no such commitment is made, no discount shall be available during the initial period. The discount percentage and the advance commitment, if any, for the initial period are set forth on page 1 of this Sublicensing Agreement. The discount percentage applicable during each additional one-year period referred to in Section 3.02 shall be based either on LICENSEE'S advance commitment to pay a specified minimum total amount of discounted per-copy fees for such additional one-year period or on the actual total of such fees payable for the preceding period, as LICENSEE shall elect.
- (b) Such discount percentage shall be two percent (2%) for each whole one hundred thousand dollars (\$100,000.00) of either the advance commitment or the actual total for the preceding period, as the case may be, up to a maximum of sixty percent (60%).
- (c) If LICENSEE elects to base its discount percentage for a forthcoming additional period on its advance commitment, LICENSEE shall notify AT&T in writing of the amount of such advance commitment before the end of the preceding period. If such notification is not received by such time, such discount percentage shall be based on the actual total of discounted per-copy fees payable for the preceding period.
- (d) An advance commitment may not be reduced. However, LICENSEE may at any time request of AT&T in writing that the then-current initial period or additional one-year period be terminated and that a new one-year period be started, beginning with the next quarter, for which new period LICENSEE shall make an advance commitment corresponding to a higher discount percentage than that currently applicable. Such request will be subject to AT&T'S acceptance. In the case of such termination and start of a new period, the discount percentage for the terminated period shall apply to all transactions occurring before the end of such period.
- 4.03 The section of the Software Agreement relating to taxes shall apply to fees payable under this Sublicensing Agreement.

V. REPORTS AND PAYMENTS

- 5.01 (a) LICENSEE shall keep full, clear and accurate records of the number of copies of each SUBLICENSED PRODUCT furnished by it and AUTHORIZED COPIERS to other DISTRIBUTORS and customers and put into use on LICENSEE'S CPUs.
- (b) Each AUTHORIZED COPIER shall keep full, clear and accurate records of the number of copies of each SUBLICENSED PRODUCT furnished by it to other DISTRIBUTORS and customers.
- (c) Each AUTHORIZED COPIER shall furnish a statement at least quarterly to LICENSEE identifying the number of copies recorded according to Section 5.01(b) since the previous such statement was furnished.
- (d) LICENSEE shall keep full, clear and accurate records of the identities and locations of AUTHORIZED COPIERS.

- (e) AT&T shall have the right through its accredited auditing representatives to make an examination and audit, during normal business hours, not more frequently than annually, of all records kept pursuant to this Section by LICENSEE and AUTHORIZED COPIERS and such other records and accounts as may under recognized accounting practices contain information bearing upon the amounts of fees payable to it under this Sublicensing Agreement. Prompt adjustment shall be made by the proper party to compensate for any errors or omissions disclosed by such examination or audit. Neither such right to examine and audit nor the right to receive such adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement appears in a letter, signed by the party having such right and delivered to the other party, expressly waiving such right.
- 5.02 (a) LICENSEE shall notify AT&T in writing at least thirty (30) days in advance of the date LICENSEE intends to begin furnishing copies of a SUBLICENSED PRODUCT to customers or DISTRIBUTORS or putting any such copies into use on LICENSEE'S CPUs. Before such date LICENSEE shall pay to AT&T any initial sublicensing fee specified for the SOFTWARE PRODUCT on which such SUBLICENSED PRODUCT is based. Discount percentages established under Section 4.02 do not apply to initial sublicensing fees.
- (b) Within thirty (30) days after the end of each quarter ending on March 31st, June 30th, September 30th or December 31st, commencing with the quarter during which this Sublicensing Agreement first becomes effective, LICENSEE shall furnish to AT&T a statement, in form acceptable to AT&T, certified by an authorized representative of LICENSEE, identifying the number of copies of each SUBLICENSED PRODUCT furnished by it and AUTHORIZED COPIERS or put into use on LICENSEE'S CPUs, the SOFTWARE PRODUCT on which each such SUBLICENSED PRODUCT is based, the per-copy fees for such copies and the net fees payable after the applicable discount percentage is taken into account. If the per-copy fees for a particular SUBLICENSED PRODUCT are based on a characteristic such as number of users supported, information on such characteristic for the copies of such SUBLICENSED PRODUCT furnished or put into use shall also be included in such statement. Each SUBLICENSED PRODUCT for which LICENSEE has given notice to AT&T pursuant to Section 5.02(a) shall be covered by such statement. In each such statement, LICENSEE shall also fully identify any AUTHORIZED COPIER added or terminated during the quarter covered by such statement.
- (c) Within such thirty (30) days LICENSEE shall, irrespective of its own business and accounting methods, pay to AT&T the net fees payable for such quarter as shown in the statement required by Section 5.02(b), except that if the applicable discount percentage is based on an advance commitment for a period, LICENSEE shall pay the net fees payable for such quarter plus any additional amount necessary for the total of amounts paid for such period after the first, second, third and fourth full quarters thereof to be, respectively, one-quarter, one-half, three-quarters and the full amount of such advance commitment. Any such additional amount paid during a period shall be creditable against net fees payable later in the same period, but no such additional amount remaining at the end of the fourth full quarter of a period shall be refunded or creditable against any other amounts payable to AT&T. If AT&T accepts a new one-year period pursuant to Section 4.02(d), no such additional amount remaining at the end of the last full quarter of the terminated period shall be refunded or creditable against any other amounts payable to AT&T.

- (d) LICENSEE shall furnish whatever additional information AT&T may reasonably prescribe from time to time to enable AT&T to ascertain the amounts of fees payable pursuant hereto.
 - 5.03 Payments provided for in this Sublicensing Agreement shall, when overdue, be subject to a late payment charge calculated at an annual rate of one percent (1%) over the posted prime rate or successive posted prime rates in effect in New York City during delinquency; provided, however, that if the amount of such late payment charge exceeds the maximum permitted by law for such charge, such charge shall be reduced to such maximum amount.

VI. MISCELLANEOUS PROVISIONS

- 6.01 Neither this Sublicensing Agreement nor any rights hereunder, in whole of in part, shall be assignable or otherwise transferable by LICENSEE and any purported assignment or transfer shall be null and void.
- 6.02 (a) Payments to AT&T under this Sublicensing Agreement shall be made payable and sent to:

AT&T TECHNOLOGIES, INC. P.O. Box 65080 Charlotte, North Carolina 28265

(b) Correspondence with AT&T relating to this Sublicensing Agreement shall be sent to:

AT&T TECHNOLOGIES, INC.
Software Sales and Marketing Organization
P.O. Box 25000
Greensboro, North Carolina 27420

- (c) Any payment, statement, notice, request or other communication shall be deemed to be sufficiently given to the addressee and any delivery hereunder deemed made when sent by certified mail addressed to LICENSEE at its office specified in this Sublicensing Agreement or to AT&T at the appropriate address specified in this Section 6.02. Each party to this Sublicensing Agreement may change an address relating to it by written notice to the other party.
- 6.03 The limited grant of rights under patents in the Software Agreement applies to any use permitted under Section 2.01 of this Sublicensing Agreement.
- 6.04 If LICENSEE is not a corporation, all references to LICENSEE'S SUBSIDIARIES shall be deemed deleted.
- 6.05 The construction and performance of this Sublicensing Agreement shall be governed by the law of the State of New York.

AT&T TECHNOLOGIES, INC. Substitution Agreement

The following agreements ("the prior agreements") are in effect between AT&T

TECHNOLOGIES, INC., a New York corporation ("AT&T"), or an affiliate thereof, and SEQUENT COMPUTER SYSTEMS, INC., a Delaware corporation,("LICENSEE"):				
 April 1, 1983 Software Agreement, as Modified, relating to UNIXTM System V, Release 2.0 and other UNIX Operating Systems 	•			
 March 1, 1984 Supplemental Agreement (Customer Provisions) relating to UNIX System V, Release 2.0 and other UNIX Operating Systems. 	ıg			
Agreement Numbers SOFT-000321 and SUB-000321Abetween AT&T and LICENSEE ("the new agreements") are hereby substituted for the prior agreements. Accordingly, the rights and obligations of the parties under the prior agreements are terminated and replaced by the rights and obligations of the parties under the new agreements. No other agreements between the parties hereto are affected by this Agreement.				
The following provision i: applicable XX not applicable:				
The discount percentage for the initial period pursuant to Agreement No. is %, based on total per-copy fees of \$ paid by LICENSEE under the prior Supplemental Agreement (Customer Provisions) listed above relating to UNIX System III and/or UNIX System V.				
Accepted by:				
SEQUENT COMPUTER SYSTEMS, INC. AT&T TECHNOLOGIES, INC. By JAN 28 (Signature) (Date) (Signature) (Date)	6			

B DAVID P RODGERS
(Type or print name)

O. L. WILSON

(Type or print name)

UICE- PRESIDENT (Title)

Manager - Software Sales and Marketing (Title)

April 1985

In this izaue:

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Toolchest
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• UNIX System Release Comparison



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I echo is published for UNIX System V licensees by AT&T Softwere Sales and Licensian.

AT&T P.O. Box 25000 Greeniboro, North Carolina 27420 1-800-828-UNIX

Sec ho Newslatter

A meliage from the Editor:

See As it the acweletter published by the AT&T Solowace Sales and Licensing organization for Recesses of UNIX- System ${\bf V}_*$

Littasses for UNIX Software products and structes are located throughout the world. Having a customer notwork this large poses a special problem in establishing effective communication lines. This newslitter is designed to make our organization more respondive to our customers' needs through a structured information dissemination medium.

The purpose of S scho is to reach all UNIX System V licentees through one defined medium. It serves as a consistent channel of communication to our licensess and keeps them abreast of any product announcements, policy changes, cumpany husiness and pricing structures.

Subscriptions may be purchased through the Software Salor and Licensing organization.

Subscription Rate - \$87 per year

Make checks payable to AT&T and send orders to:

I ethe Subscriptions
ATET Software Salex and Licensing
P.O. Box 25000
Greensboro, North Carolina 27420

Any communits or quantions regarding S scho should be addressed to The Editor, Secta, AT&T, Software Sake and Licensing, P.O. Box 2500C, Greensbace, North Carolina 27420. Telephone: 1-800-128-UNIX.

Other AT&T Software Sales Officers

UNIX PACIFIC Nippon From Center Bidg., 6th Floor 2-l., Uchinalwai-cho, 2-chome Chiyoda-ku, Tokyo 100 Japan 03-593-3301

ATET CANADA 1500 Don Mille Road, Scc. 500 Don Mille, Ontario Canada Mäll SK6 (416) 449-4300

AT&T Software Sales and Licenting 1090 East Duant Sunnyvale, California 94085 (402) 746-5011

^{*} Trademerk of AT&T Bell Laboratories

NEW PRODUCT ANNOUNCEMENTS

UNIX SYSTEM TOOLCHEST OFFERS ELECTRONIC LICENSING

The UNIX System Toolchest is now available from ATET to UNIX System V source licensees in the continental United States and Canada. It is an electronic estalog of titliff programs, editors and other software development tools. There is an EMACS editor, a relational database manager, and a utility package for managing background propesses. All are available in source code, run under UNIX System V, and are available electronically.

Each Toolchest program has been carefully selected by AT&T's development community for its functionality, technical merit, and robustness. It is all part of an internal effort to identify and share those packages that contribute to AT&T's own productivity. Now customers can select from among the best of those programs and login to a continuing supply of new tools and utilities.

For the first quarter of 1985, AT&T has test marketed Toolchest among its UNIX System V OEM/VAR licensees. Now it is available to the full complement of all System V source licensees.

Unlacking the Toolchest

From anywhere within the matinental United States and Canede, at any time, night or day, one can unlock the Toolchest by simply disling 201-522-5300 and logging in to the AT&T 38 computer that hosts die Toolchest electronic catalog.

The login, guest, is the key to unlocking the Toolchest.

Once inside, an easy-to-use menu system guides the browser who is free to look around without cost or obligation.

Browsing through the electronic cettalog, the customer will find descriptions of all the Toolchest programs, complete with information on documentation and memory requirements. Frices for many of the toolchest puckages are telow those for binary Persons with a question shout the software, the documentation, or the Toolchest program level should simply type it in and the Toolchest administrator will get back to them with the answer.

All Tookhest software is distributed electronically, via much All AT&T needs is a customer electronic reall address. All the customer metals is licensing authority and a system equipped with nucle.

Recause Toolchest software is used primarily in a development environment, it is licensed "as is," without technical support. The savings in support costs have been passed along to the customer as low priors. Those savings, combined with aconomical electronic distribution, mean outstanding value for the customer's software dollar.

Licensing the Toolchest

Although each of the Toolchest programs is priced individually, all are licensed under a single umbrilla agreement. The agreement conveys the software for the customer's own internal use and grants due right to distribute capies internally on as many processors as one wisher. There are no CPU numbers to keep up with and no seporting requirements.

When one is ready to order from the Tookhest, the system will check for licensing authority. The agreement can be requested while on line. AT&T will waive the \$100.00 registration for for UNIX System V source locations.

Sublineusing Toolchest Software

Toolchest software is also available for sublicating under a "lump sum" arrangement. One simple fee per package and an acknowledgement of the route in any promotional material and the customer can offer history copies commercially. There are no royalites and no reporting.

Current Contents Available

New tools will continue to be added at regular intervals. The following is a lot with brief descriptions of the tools correctly available in the AT&T UNIX System Toolchest.

TOOLCHEST TOOLS

Name	Description	. S Source	\$ Subliventing
Database UNITY-TC	Relational db for Simple Film	1,250	10,000
Debugger LTRACE SLOQ	lax and yace Debugger Flexible are Level Logging Facility	75 100	250 450
Driver QBUS-TC	lbv 486 Interface Driver	2,000	18,000
Editor EMACS-TO TECO-TC	Full Screen Editor, Split Screen Popular DEC Editor for the UNIX System	900 450	10,000 3,000
Environment 4415WDW VSH-TC	Windo sing for AT&T-IS 4415 Terminal Menu Shell	95 250	1,000 1,500
File Utility FASTDD FILE-UTIL 1 MAKE-UTIL VSORT	Faster 'dd" Command Extract Lines; Extract ASCII Strings Makelik Generator and Analysar Soct for Large and/or Binary Files	200 100 95 450	2,000 450 500 2,000
Game TTTT	3 Dimensional Tie Tag Tog for 2 Players	40	200
Language KSH LISP-TC	Korn Shell Lisp Interpreter	2,000 360	20,000 2,000
Office Auto. DATEBOOK FMAIL	Maintan Personal Appointment Calendar Full Seven Interface to sed Mail	480 480	7,500 2,500
Program. Aid BPTAP CONV-DT INEDIT NCSL, SH-PGMGI SH-PGMGZ	Background Process Term Access Package Date Conversion Package Input Line Editor Count Non-Commentary Source Lines Set of Useful Shell Prog. Took Set of Useful Shell Prog. Took	* 250 150 78 200 100 50	450 . 450 950 1,000 450 250

	Source	Sublicensing
Average	<450	<3,700
Median	200	1,000
Raige	40 - 2,000	200 - 20,000

maintenance release unix system v, release 1.2 available may 1

AT&T has announced May 1 availability of UNIX System V. Reiessa 1.2, the Inest maintenance update for UNIX System V, Release 1.0.

Included in this release are high priority contoner maintenance fixes and Disk file Controller (DFC) Generic 3 support software for the AT&T 3B20 computers).

The product will be supplied at no charge to customers with support contracts as a maintenance update. It is available to unsupported customers who have a UNIX System V licente for a fee of \$5,000,00. Non-supported educational licentees will be charged \$800,00.

The product will be luralisted on 1600 BPI tape media for DEC VAXI computers and AT&T 3B20 computers, and on 800 HPI for PDP 11/70 machines. The documentation set for this release will consist of the complete set of UNIX System V. Release 1.0 documentation. The only new document will be the System Release Description (SRD). This product is available for both domestic and international markets.

ATAT ANNOUNCES ENHANCEMENTS TO UNIX INSTRUCTIONAL WORKENCH SOFTWAILE

AT&T has sunconced a number of enhancements to UNIX INSTRUCTIONAL WORKSENCH'S Software, the interactive computer-based training package.

The subsectments include:

- Performance improvements of approximately 25 percent.
- Improved administrative and course management capabilities to provide more effective reporting on student progress,
- . Frose flexible conservers regulation procedutes,
- An "vabunding" of the AT&T conservate and delivery system. Potential customers may license just the conservate and delivery system, or if they prefer, they can license the entire package complete with the authoring system.

Components of the INSTRUCTIONAL WORKBENCH Software

The INSTRUCTIONAL WORKRENCH package contains three major components:

- A powerful Authoring System that allows writers, even those with little or no computer experience, to create effective computer-based terining material;
- A Delivery System that presents the controvers in a logical and non-threatening manner, evaluates the modest's response, and mealors and tracks the student's progress. The delivery system also lockedes administrative features that provide on-line student registration, maintain student records and produce a variety of administrative reports; and
- A set of five courses developed by AT&T that offers introductory training for users of UNIX System V. The courses see:
 - 1. Fundamentals of the UNIX Operating System
 - Advanced Use of the UNIX Systems Text Editor (ed)
 - 3. Memoraphum Macros (for use with UNIX DOCUMENTER'S WORKBENCH Software)
 - 4. Table Processing Using the Ifor use with UNIX DOCUMENTER'S WORKBENCH Software)
 - 5. Touch Typing

Anthoring Coppressor Under UNIX INSTRUCTIONAL WORKENCH Software

The UNIX INSTRUCTIONAL WORKBENCH suthering system includes COMPOSE, a powerful courteware development system that allows authors with little or no computer experience to write and display sophisticated computer-based training material. COMPOSE offers a set of standard acreen templates for creating acrt, exercises and a variety of tests feach as multipla-choice and trus/false). COMPOSE prompts the author to fill in these templates using a descriptive and convertational set of commands. A "preview" furtility allows the writer to view the course exactly as the stadent would.

The COMPOSE command set is a natural language extension of the tower-level TOPIC language that forms the foundation of the authoring system. With its greater flaxibility and sophistication, the TOPIC language allows more experienced developers to create

their own tompletor and arramize the presentation of the course material.

Ideally suited for any organization developing computer-based training or providing embedded training with their own systems and software, UNIX INSTRUCTIONAL WORKBENCH Software is available in source code for the AT&T 3E20 and 3B6 computers and the DEC VAX computer running

under UNIX System V. The source code is priced at \$12,000.00 for the initial copy of the entire system (\$3,500.00 for qualified educational institutions), or \$3,000.00 for the initial copy (\$1,000.00 educational) for just the delivery system and the AT&T coursewate. Sublecturing rights are also available.

Binary systems are also available for the AT&T 3820, 385 and 382 computers.

BUSINESS ISSUES

ATAT SFONSORS UNIX SYSTEM BUSINESS AND TECHNICAL SEMMAR

AT&T sponsored a UNIX System Business and Technical Seminar March 4.5 in New York and March 7.8 in Sunta Clara for UNIX System licensees who also have sublicensing rights. The putpose of the seminar was to provide statement of direction in both the technical and business areas, to hear input from licensees, and to share proposals affecting licensing, pricing, and business procedures.

The following is a brief groups of the presentations by members of AT&T Bell Laboratories UNIX Software Development organization and the Software Sales and Licensing management.

Dick Shahparian, Director, Software Sales and Licensing, opened the servon with an overview of AT&Te objectives for the UNIX operating system:

- To excourage broad usage
- To mablish UNIX System V as a scandard
 - To pravide customers with quality products and acrylice

Bob Mitte made a presentation on directions for the UNIX System. He discussed porting best times, directions for new development, file system hardening, file and record locking, and liyatem V implementation.

Doug Kevorkien discussed the System V Interface Definition and Verification Service. He outlined the objectives of the Interface Definition as follows:

 To define a common computing environment for applications and users of System V implementations

- . To facilitate portability of application code
- To define partitioned anti-of services based on functionality

He also explained the two level vorification process for software developers and end users and distributors.

Laurance Brown made a presentation on System V networking plane. His topics included philosophy, kernel struices, and network service extensions.

Distributed UNIX System was the copic for Dick Hamilton. He discussed transparent remote file system acress, comprehensive administration, streams-based networking, and recovery.

Sue Picus discussed AT&T's plans for language products. She described plans for evolution, standardization and enhancement of the C language. She stressed AT&T's commitment to upward competibility for its language products.

Jeann Buccash covered user friendly features of UNIX System V. Her points included the on-line help facility, communed syntax standards, error handling standards, computer professional interface, and more interface services.

Gury Lindgran discussed internationalizing the UNIX System. AT&T's objectives are to provide a standard UNIX System that supports all domentic and foreign customers; to provide a framework/tool for local character sets, oreor mossages in four languages, and multi-lingual help facility; and to identify enhancements to UNIX System V to support international modes.

Cathi Brooks described the UNIX System Toolchest. Its goal is to encourage UNIX system application development by providing scoder material and tooks it is new distribution channel for "as is" UNIX system tooks and AT&T's first assempt at electronic unitwest distribution. (See article on Toolchest in this issue.)

Miguel Velez discussed stateing, decamentation and support for the UNIX System. He also described the process of licensing coursewer from AT&T.

Dave France made a presentation on licensing UNIX System software and endland several changes that AT&T is making in the lecturing and sublicensing agreements. (See article on licensing in this issue.)

An equally important objective of the conference was to build a stronger hashess relationship with those vendors who reself AT&T's UNIX Software. "From that perspective, the conference was an enormous success," said Ots Wilson, himsger of Software Sales and Licensing, "More than 80 percent of the respondents to our evaluation questionnaire agreed or attempty agreed that the conference gave them a better insight into AT&T's business and development direction, and an equal percentage felt that the information they received would easist them in their own business and development; planning."

"In addition to the information we gave out, we also received some very good input from the customers - these, concerns and suggestions that we are now studying," said Wilson.

Among those topics are issues relating to the migration of the porting hate to the AT&T 282 computer and the impact that setton will have on VAR and end-user concentra. Discussion on the System V verification service also provided valuable advice on how the service might been be administered and provided. Discussion of the pricing structure for sublicancing suggests a thorough evaluation of alternative pricing models.

"In many respects the conference accomplished all of the objectives we had set out by it," said Wilson. "The success has encouraged us to provide similar forums on a periodic basic."

AT&T ANNOUNCES CHANGES/CLARIFICATIONS TO SOFTWARE AND SUBLICENSING AGREEMENTS

At the Business and Technical Seminars sield March 3-4 and March 6-7, Dave France, Sales Manager, Software Seles and Licensing, described several modifications that will be made to AT&T's software enteracts.

These changes are in response to direct feedback from AT&T's licensees and are intended to make the contenus more responsive to the needs of the licensees. The following is a summary list of the changes.

Changes to the Soliwara Agreement

Compacter Providens

- The language for Contractor Provisions will be incorporated into the scandard Software Agreement.
- Software Agreement Supplements will be modified to identify contractor's CPUs.

Supplements

- The licentee's signature will no longer be required on supplements to add additional CPUs, transfer CPUs etc.
- Signetures will be required only not the initial supplement for a product.

Paragraph 7.06(B)

 Paragraph 7,06(B) will be modified to include procedures for verifying and approving the exchange of source code between licensees.

Charification of Comercial of Derived Works

 Language changes will be made to clarify ownership of modifications or derivative works prepared by a licensor.

Changes to the Sublicensing Agreement

Use of Reduced So was Code Pace

- · Licensees who do not sublicense binary derivative works sither to themselves or in the marketplace and want to take advantage of the seduced source code fees will not be required to execute a sublicensing
- After the initial CPU fee of \$49,000.00 and an additional CPU fee of \$16,010.00 is paid, the horners can obtain rights to utilize the reduced course tode fee schedule by paying a fee of \$25,000.00. An authorization tellor will be imped by ATAT, granting the right to the reduced fees. The licenses may then replicate the UNIX System V source code for laternal use muchings for the following feat:

1-32 User Systeme 21.000

1-64 User Systems

\$3,500

>64 User System: 57,000

All CPUs small be licented as designated CPUs.

. If the licensee wants to distribute binary products internally or in the marketplace, then a sublicensing agreement must be executed. The \$25,000.00 fee previously paid will be credited.

Authorization Letters

 Authorization letters industing the right to sublicense a product will be prepared by AT&T and mailed to the licenses when the licenses remiss the initial sublicensing fee for a product.

Clarification of Paragraph 2.05(B)

Reporting toyalties when distributing through authorized copiers.

(The following comments use that the authorized copies is a licensee of AT&T and has sublicensing rights.)

If modifications to the product are owned solely by the liceaste and distributed by the authorized copier, then the royalty fee may be reported by either the liceasee or the automized copier, as the liceasee shall elect. (Note: Diamons will apply only to the company that reports the coyally fee.

· If the nuthorized copier retains any ownership interest in the modifications, then coyalty fees for copies distributed by the authorized copier must be pend to AT&T via a sublicensing agreement between ATET and the authorized copier. Royalty four for cupies distributed by the liceasce must be paid to ATAT via a sublicensing agreement between AT&T and the licenses.

For Change

- Licensecs will be given a 90-day notice when feet change for sublicensed products.
- Licensets may continue to use the existing per copy fore until the end of the reporting period in which the new feet are announced.
- . If the fees decrease, such fees may begin to be used when they become effective.

Paragraph 5.02(4)

The language will be changed to require payment of the sublicenting fee prior to furnishing copies of the sublicented prochect. This will eliminate the previous requirement for a 30-day notice.

Paragraph 3.02

· Eliminate "or AT&T notifies licensee in writing" so that the paragraph begins as follows:

"Unless licenses notifies AT&T to writing at least thirty (30) days before the expiration dute established in Section 8.01 that such party does not with renewal . . ."

Pameroph 2.04

. Add "and other distributors" so that the paragraphs begins as follows:

"Distributors who are not also authorized budnets pat may bruish to contonous and cobjets may not make cobjet of subjectived other distributors copies of sublicensed products ...

1-16 Uses Per-Capy Fee Change

The per-copy royalty for for UNIX Operating Systems in the 1-16 user category has been reduced effective April 1, 1985 from \$500.00 to \$250,00.

TECHNICAL INFORMATION

THE UNIX SOFTWARE ADVISOR

Question: How can I get in touch with my Safeware Sales Account Executive electronically?

Answer: An electronic mail address has been extablished for eases where this type of communication is deemed beneficial.

A geteway UNIX System computer is being provided for mail forwarding to ATET at Summit, New Jersey. The "unep" information for the gaseway computer is:

attunix Any ACU 1280 1-2015226805 login;-login: attunix

Question: What is ATAT's policy regarding less for a customer's binary product which is derived by comminglish code from any two System V family mombers (e.g., VAX and M66000)?

Answer: If the derived product is a single UNIX System product (i.e., a single binary load module), then only one sublicensing see and one per copy royalty see is due AT&T although source from multiple source product families may have been used to derive the product.

If the derived product includes multiple UNIX operating systems on a single madium that has been derived from different source products, then smultiple sublicancing fees and per on a royalty fees will be due ATET. An example of this would be sameme distributing two products at run on a M68000 based product; one ported from VAX technology and the other based on the M68000 port.

The determining factor is whether the derived product is a single system product or multiple products in a single distribution.

Question: What is ATET's policy regarding sublicensing fees and per copy royalties for a customer's binary product which is derived by combining an add-on product with the operating system (ag., Documenter's Workbrach and System V, Raleane 2.0)?

Answer: AT&T's policy is that the initial sublicensing fee and the appropriate per copy fee for each of the products included in the software is due AT&T for that customer software.

Question: Is AT&T considering expending the section in the software contract that allows the use of certain run-time libraries or files for use in customer developed application software without payment of a sublicensing fee to AT&T?

Answer: Yes. The software contracts are being modified to read as follows:

Routines from film in /lib whose pathnames and in .o or .a and from files in /usr/lib whose pathnames and in .s may be included in object-code format in commer developed applications software without payment of a sublicensing fee to AT&T.

The files /use/lib/yaccput, /use/lib/lex/useform, and /use/lib/lex/orform may also be included in customer developed applications software without payment of a sublicating fea to AT&T.

Unix System V, release 2.0 To system V release 2 version 2 Comparison

The following is a basic comparison of UNIX System V, Release 2.0 to UNIX System V, Release 2.0 Version 2 Paging Release).

A customer upgrading from UNIX System V Release 2.0 to System V Release 2.0 Version 2 will sujoy the following additional features:

- · Paging
- . F77 Enhancements
- Record and File Locking
- · Security Administration Package

Also included in this release are software generation system (SOS) enhancements that provide a out (object) files in aligned foresist. This enables the operating system to page directly out of the file system. This release executes on the Digital Equipment Corporation VAX and VAX 11/780 processors.

Paging

The scapping based moreory manager has been replaced by a domand paging memory manager. Paging allows fuller use of the existing hardware by:

- 1. allowing execution of programs much larger than main memory, and
- 2. giving a higher degree of multiprogramming.

In short, paging allows must and larger processes to execute simultaneously.

F77 Enhancements

The F77 enhancements provide the following:

- . Passes the ANSI FORTRAN 77 validation tests.
- Properly invokes the processor control interface (PCI) when using the —0 extion
- Contains FORTRAN Military Standard intrinsic functions which are down tented in milish of "The UNIX System V Programmer Reference Manual."
- a Incorporates numerous but fixes.

Record and File Locking

A synchronization method has been provided to enable multiple users to access likes in a way that would prevent other users from either writing or reading a socition of a file while a given process has the given section either read (share) locked or write (exchaire) locked, respectively. This feature may be used by database development to control access to their files.

Security Administration Psekage

Because of the U.S. State Department regulations restricting encryption/decryption software to customers

in the U.S.A., a new "selectable" package, the "Security Administration" package, is being provided in this release. This "selectable" package is provided with the release source tape, but must be installed separately.

There are certain changes that both System Administrators and users will encounter. They are summerized below, but the appropriate documentation should be consulted for more detailed information.

- In creating a system configuration file (the dille), the immible parameters tests and swapmap are no longer supported and must be deleted.
- 2. In the system configuration file, a new parameter, regions, is required and should initially be set to 2.5 times the value of procs.
- 3. Because the maximum process tive has increated from 1 MB to 16 MB, additional swap space should be allocated on each system. Initially, 10,000 blocks of swap space should be allocated for each 1 MB of physical memory. If desired, the swap(1m) command can be used to allocate additional space without requiring a rebuild of the kernel and sebags of the system. If such additional space will be allocated on a regular hasts, the swap command should be included in /ste/ce.

In addition to UNIX System V Release 2.0 documentation, the following applicates and new documentation are available:

- UNIX System V Release 2.0 Product Overview VAX 11/750 and 11/780 Processors Version 2
- UNIX System V Release 2.0 Installation Guide and Release Notes VAX 11/750 and 11/780 Processors Version 2
- UNIX System V Reloase 2.0 VAX 11/750 and 11/780 Processors Version 2 Supplement

UNIX is a trademark of Al'AT Bell Laboratories

⁹ DEC and VAX are trademuske of Digital Equipment Corporation

Fradenack of AT&T Technologies

UNIX' Software Product Line

UNIX Systems

UNIX System V, Raissas 2.0 AT&T 8B20 Version 4 UNIX System V, Reissas 2.0 VAX*** 11/780 Version 2 UNIX System V/M68000 UNIX System V, Release 20 iAFX285 Version I UNIX System V, Release 20 NSC30000 Version 1

Workbenches

UNIX Writer's Workbeach" Software UNIX Instructional Workbeach" Software UNIX Documenter's Workbeach" Software

Networking/Communications Suftware

ATAT SENET Software ATAT SINE! Software HYPERchannel# Interface
CCMMKIT* Software Synchronous Terminal Interface
CCMMKIT* Software ETHERNET## Interface
CCMMKIT* Software Basic Networking Utilities

Languages and Programming Tools

BASIC Language For The UNIX System CCBOL System Checker For The UNIX System

Materials \$6000 C Compiler System V

Pascal Language For UNIX System V

UNIX System AT&T 3B2/3B5 C Compiletion System

Other Software

562) DMD Software Core Peckage 562) DMD Software Development Package 569) DMO Software Text Package

Non-liupported Software

C/370 C Compilation System Device Independent TROFF S Statistical Analysis Package UNIX System V TEXT MANAGER UNIX System Toolchest

Machine Residable Documentation

UNIX System V

Trademark of AT&T Bril Laboratories
Trademark of AT&T Tracknologies
Trademark of Digital Equipment Corporation
Trademark of Network Systems Corporation

^{##} Trademerk of XEROX Corporation

CATAT All Rights Reserved Printed in USA 4-85 In this lesse:
• UNIX Expo 25

August 1985

New Product Aunountements
• MRD For UNIX System V, DWB

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Tredemarks
Suftware Licenses
Changes To Licensing Agreements

Related AT&T Computer Announcements

* AT&T Announces New Hardware, Seliware Products

Technical Information

• UNIX Software Aivitor Column



\$echo

I acke is published for UNIX System V licenses by AI&T Software Seles and Licensing.

AT&T P.O. Box 25000 Greenthoro, North Carolina 27420 1-890-828-UNIX

Secho Newsletter

A mesiage from the Editor:

I reke is the newsletter published by the ATAT Software Sales and Licensing organization for licensees of UNIXTM Systems V.

Licenseet for UNIX Software products and services are located throughout the world. Having a continuer network this large poses a special problem in establishing affective continuencealloa lines. This movedence is designed to make our organization steers responsive to our customers' needs through a structured information disconfination medium.

The purpose of S scho is to reach all UNIX System V keenseer through one delited medium. It serves as a consistent channel of communication to our keensees and keeps them abreast of any product announcements, policy changes, company business and pricing structures.

Subscriptions may be purchased through the Software Sales and Licensing organization.

Subscription Ruce - \$87 per year

Make checks payable to AT&T and send orders to:

5 rele Eubecriptions AT&T Software Sales and Licensing P.O. Box 25060 Greensboro, North Carolina 27420

Any comments or questions regarding I cale should be addressed to The Editor, I stde, AT&T, Software Sales and Licensing, P.O. Box 25000, Greensbore, North Caroline 27420. Telephones 1-800-828-UNIX.

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UNIX Europe Licated 27A Carlton Drive London, England SW15 011-44-785-6072

SOFTWARE SALES AND LICENSING MOVES TO ATAT INFORMATION SYSTEMS

Effective; thy 1, 1985, Software Sales and Licensing, the organization responsible for Security UNIXTM operating systems and related asferore, was transferred from ATéCT Technologies to ATÉT Information Systems.

Accordingly, psychents made under current software and/or sublicenting agreement should heaceforth be made payable to AT&T Information Systems Inc. and tent to:

ATAT INFORMATION SYSTEMS . . . P. O. Box 65080 Charlotte, North Carolina 28265

Correspondence regarding agreements should be sent to:

AT&T INFORMATION SYSTEMS
Software Sales and Licensing Organization
P. O. Box 25000
Groensborg, North Carolina 27420

The telephone number has remained the same: 1-800-828-UNIX. Customers are urged to call if they have questions.

COME TO NEW YORK

AT&T will be exhibiting its hardware and software products at the UNIX Expo in New York City Soptember 18-20. Customers are encouraged to stop by and get a "hands-on" demonstration of the UNIX PC.

ATAT will be showing the PC interface which allows non-UNIX PC; to talk with AT&T 3B2s. AT&T will have the 3B2-400 and 3B2-300 XM all up and sunsing with application software.

Bill O'Shan, Executive Director, Software Systems, will deliver the keynote address Wednesday, September 18, at 10:00 a.m.

Why not arrange to hear Bill O'shea's talk Wednesday, visit the show floor, and then attend one of AT&T's 20 lutorisks. Tides range from "UNIX Systems in the IBM Environment" to "Using UNIX er a Saler Tool," and of course the standards such as "Overview of UNIX Systems Internals."

ATET hapes to see you there.

NEW PRODUCT ANNOUNCEMENTS

MRD OFFERED FOR UNIX SYSTEM V, DWB

Effective August 1 ATAT will offer Machine Readable Documentation (MRD) for two source code products UNIX System V, Ralesse 2.0 Versions 1 & 3 and UNIX DOGUMENTER'S WORKSENCH'S Ralesse 1.0.

The MRDs will be offered as add-on products for customers having a software source licents for the corresponding software products. This will give them the ability to produce hardcopy and on-line documents for internal use or for shipment with their product.

The text files and formatting macros provided with the BRD products are structured to produce documentation identical to the hardcopy documents: shipped with the software products.

The MRD products are designed to most specific needs of our OEM/VAR source Econsons. They are

mesal to be the source for the documents there customers require for internal are as well as for customized documents for distribution.

Through a sublicensing arrangement the MRDs, aither in original form or as modified by the knowner, may also be passed on to authorized copiers or distributors for final printing and distribution.

Prices for the MRD products are as follows:

UNIX Bysiem V. Beigre 20	DWB
\$10,000	\$ 4,000
400	400
2,500	•
25,000	10,000
7,500	3,000
	System V. Refere 2.0 \$10,000 400 2,500 25,000

BUSINESS ISSUES

Unix system central to AT&T Computer Strategy

As a part of AT&T's June, 24 anonnecessous, AT&T outlined its computer strategy which has the UNIX System as a central element. Following is a summary of the key points made in the strategy statement.

AT&T facts unique challenges as it traverses the unmapped, floroely competitive, and rapidly changing world of information mowenest and management. Succeeding in that world requires a clear strategy, a blueprint that describes in detail the steps we must take to get to where we want to to.

Customers have consistently said that technology lesself is less important thus have to is used in the customer's individual situation. They have said, in effect, thus it is more important to do the right thing than to simply do things sight Computer Systems has developed a strategy to ensure that AT&T does the right thing. That strategy has three guiding principles:

 To develop and provide systems based on communications and networking. One of ATRT's proven strengths is its shilly to make produces that communicate efficiently and easily with each other and — more importantly — with the people who use them.

The company is also known for its ability to link highly complex technologies into highly officient

Computer Systems believes that ATAT's heritage of communications and networking is an invaluable legacy. It gives ATAT the unique ability to deliver integrated, complete solutions to customers' information movement and management problems.

- To support existing standards. This is a recognition that there are tochwical and other standards in the computer business — some official, some de facto that must be adhered to if AT&T is going to win the game. To do otherwise serves neither the customers' interests not over.
- To protect the customer's investment. The company recognizes that customers have huge investments in hardware, software, and the training required for hoth. Customers are not shout to throw it all away simply because AT&T stys it has something better. AT&T will introduce them to better technology, but in a way that does not force them to scrap what they aiready have.

Baltware

A critical element in all AT&T products is estimate. The AT&T Computer Software Guide describes approximately 500 software juckages in the current edition that run on our computers. These represent only a small portion of the thousands of programs that run on AT&T-compatibles. The terms included in the Guide are only those AT&T is evaluated and tested.

AT&T constantly seeks out high-quality applications software packages targeted to specific customer sets. This enables it to offer not only excellent computer products, but the software that enables those products to sneet customers' specific needs.

In addition, the UNIX system will continue to be central to AT&T software strategy. It has an innate ability to facilitate communications among computers. And, the UNIX system is possible. A customer can easily move expensive toftwar applications from one muchine based on the UNIX System to another machine — regardless of either machine's manufacturer.

The electricitive would be for the customer to scrap that softween, and build replacestents from the ground un.

The UNIX system is the only commercially available operating system that serves the entire range of computers — from minis to marnirantes. It is also very tlexible, with his maids-user, multi-tasking espablity and civilized user interface.

The UNIX system is a key rouson why ATET k "the right choice" in computers.

USE OF THE TRADEMARK UNIX

UNIX is an unregistered trademark of AT&T, used to identify its particular brand of software. The trademark is used in conjunction with several time-sharing operating systems developed at AT&T Bell Laboratories and hiscosed by AT&T, and might be used in the future on other kinds of software and resolvents.

A trademark identifies the source of a product, Some trademark owners license their trademarks for use by others. A product marked with such a trademark night come from either the trademark owner or from one of its licenses. However, it is AT&T policy not to license parties outside the company to use the trademark UNIX to identify their products. There are specific provisions in our software agreemants for UNIX operating systems on this point.

Notwithstanding this policy, anyone may use the trademark UNIX to refer to the UNIX operating systems developed at AT&T Bell Laboratories. However, to protect AT&T's interest to the trademark, we must ask that others use the trademark convocity. Following are several comments on correct and incorrect use of the trademark. The comments are organized in outline form for convenient reference.

A. Trademark Appearance

- i. The trademark UNIX must always appear in a form that is typographically distinct.
- The trademark UNIX must be clearly and legibly identified as a trademark of AT&T at least once in any article, advertisament or document in which the trademark appears, preferably the first time such trademark is used.
- 3. The tendemark UNIX is an unragistated trademark of AT&T. It is incorrect to use the symbol "6" in connection with the trademark UNIX or to state that UNIX is a registered trademark or service mack.

E. Outside Partice

1. Parties outside AT&T may not state or imply that they furnish UNIX operating systems to others and may not use the trademark UNIX in the name of software that they furnish to others. Even if such parties are licensed by AT&T to use UNIX operating systems to turnish object code derived from such operating systems to others, they are not licensed to use the trademark to identify their product.

 The trademark UNIX may not be used in the name of a publication, business or other organization (such as a user group).

C. Grammatical Usage

- The trademark UNIX may not be used as a noun, but must always be used as an adjective modifying a common noun as in "UNIX operating system."
- 2. The trademark UNIX must always be used to modify a common same for something that is a product with which the trademark is need. For example, it is incorrect to refer to "a UNIX USER," "UNIX termirals or "UNIX support." Correct usage is "a user of UNIX operating system," "terminal on a computer running a UNIX operating system." or "support for UNIX operating system."

A way to check whether usage of the trademark is correct in to mentally custs the word "Brand" between the trademark and the common name. "UNIX Brand operating system" sounds reasonable but "UNIX Brand user" does not.

- The trademark UNIX may not be used in a hyphenesed expression such as "UNIX-hazed" or "UNIX-like."
- The trademark UNIX may not be combined with the trademark of another party unless the independence of the trademark is clear.

D. Official Names

- Reference to "the UNIX operating system" is inappropriate. There are several UNIX operating systems. For a collective term, use "UNIX operating system." If that is what is meant.
- It is inappropriate to use the trademark UNIX in any label fruch as file name, subroutine call or the likely in any contrare,

SOFTWARE AGREEMENTS OFFERED BY ATET

ATET offers several types of software agreements to commercial, educational, administrative, and government contoners, as well as support agreements to all customers and sublimming agreements to commercial and government clients.

These agreements are strigued to protect ATET's tradesecrat and propelatory interests in the technology and both ATET's and the emitteen's lavetoment.

The following is a definition and brief description of those agreements.

- Commercial Software Agreement -

A commercial software agreement grants the rights to use an AT&T activare package for interact business purposes to an organization such as a commercial entity, a government agency, or an educational institution. The terms include an obligation to hold the software package in confidence and require payment of a fee for each central proceeding unit on which the software is used. The use for internal business purposes includes used for resourch even where a third party receives preferential access or rights to the fruits of such resourch.

- Sublicensing Agreement -

A sublicensing agreement greats the rights to make binery copies of the sublicensed products and to furnish copies, either directly or through distributors, to customers for internal business purposes.

- Educational Software Agreement -

An adjustional software agreement grants the rights to use an AT&T software package for academic and educational purposes to a non-profit, post-secondary, educational justimition having an ongoing teaching and degree-granting program in compliance with povernmental regulations. The terms technic with povernmental regulations. The terms technic an obligation to hold the software package in usefulnenced. They also require payment of a service charge and require identification of usage on each control processing unit on which the software is used. Uses for exceeding and educational purposes are used directly related to a teaching or degree granting program or uses for student or faculty research. All other uses, such as commercial uses, administrative uses, or uses for research where a third party receives rights or permitted.

- Administrative Software Agreement -

An administrative rollware agreement grads the cights to use an AT&T software package for administrative purposes to a non-profit, postweependary, educational institution having an ongoing eaching and degree-granting program in compliance with governmental regulations. The terms include an

obligation to hold the software package in confidence. They require payment of a fee (lower than the fee applicable under a commercial software agreement) for each central processing tait on which the software package is used. Use for administrative purposes includes used directly related to the administrative purposes includes used directly related to the administrative and commercial uses or uses for research where a third party receives preferential access or rights to the fruits of such research.

- Government Soltware Agreement -

A government soliware a greement is similar in terms to the commercial software agreement which grants the eights to use an AT&T software package for internal business purposes to an agency of the U.S. government. The terms include an obliquition to hold the software package in confidence and orquire payment of a fet for each central processing unit on which the software is used.

- Support Agreement -

A support agreement grant the right to request maintenance services from AT&T.

ATLT MARES CHANGES TO SOFTWARE AGREEMENTS

As discussed in the OEM/VAR Seminar in March, AT&T has made several significant changes to the software agreements. In the falcrest of keeping literature up to date, the changes are listed here. Contact your Account Executive for information or specimen copies.

Changes To The Software Agreement

First page of agreement: thange of name, corporate address and state of incorporation. Previous agreement had 6 pages, now 8 pages.

Section 1.04 - Last sentence added to note that AT&T's software products available under this license agreement may contain materials prepared by other developers.

Section 2.01 - The last sentence was added to assure licensess that AT&T will thus no ownership in the saftware that they developed - unity the portion of the saftware developed by AT&T.

Section 2.02 - This section was added to permit the licensee to allow its contractor: to use the SOFTWARE PRODUCT subject to restrictions in Section 2.02 of the agreement. This section of minutes the need for the contractor's lettere issued in dis past.

Section 2.03 - Previously 2.02. No change.

Section 204 · Previously 2.03 — "If required" was added to the last rememor. In the past, all Supplements were required to be signed by licensee as well at AT&T. Certain Eupplements are now signed by AT&T only.

Section 2.05 - Previously 2.04. No change,

Soction 2.06 - Previously 2.05. This section was changed to reflect the inclusion of contractor provisions in the software agreement as well as any appeal provisions that might be made between AT&T and Remain.

Section 401 - The last sentence was added to note that licenses are responsible for obtaining the necessary expant licenses.

Section 5.03 - The section referenced was changed from Section 7.11(a) to Section 7.10(a).

Section 6.05 - Section reference in last sentence changed from Section 2.03 to Section 2.04.

Section 7.01 - No Change, Fraviously 7.02. Section 7.01 from previous agreement deleted from this agreement.

Section 7.02 - Previously 7.03. This section was changed to give a 90-day warranty on magnetic medium, and references materials provided by other developers.

Section 7.03 - Proviously 7.04. This section was twisted to clarify use of trademarks.

Section 7.04 · Previously 7.05. First sentence changed to include "say other developer."

Section 7.05(a) - Previously 7.05(a). This section was changed to include contractors.

Section 7.05(b) - Previously 7.06(b). This section was changed to include interaction for verification of a recipient's license status. This information was praviously conveyed by letter.

Section 7.05 - Previously 7.07. Section reference changed from Section 7.06(s) to Section 7.05(s).

Section 7.07 - Previously 7.08. The last sentence was added to note that instructions appearing in as on the Software Product may also appear in the Schedules for those products. Reference section changed from Section 7.06(b) to Section 7.05(b).

Section 7.08 - Previously 7.49. No change.

Section 7.09 - Proviously 7.10. No change.

Section 7.10 - Previously 7.11. Company name change only.

Section 7.11 - Freedously 7.12. No change.

Section 7.12 - Previously 7.13. No change.

Changes To The Sublicinging Agreement

Page 1 - Name change only.

Section 2.01(2) - First statemes revised to clarify homee's obligations to satisfy U.S. Government export requirements.

Section 2.02 - Language added to clarify responsibilities of licenses when distributing sublicensed products.

Section 2.04 - Revised to include Distributor.

Section 2.05(b) - Language added to include contractors provisions — rights and obligations under the agreement.

Section 2,08(a) - Languago added to state that instructions may appear to Schedules for curtain Software Products.

Section 209 - Freedondy 210. Section 209 Item previous agreement deleted) No change.

Section 3.01 - "by AT&T-IS" added to last sentence.

Section 1.02 - Language deleted which allowed the termination of the agreement by AT&T.

Section 4.01(a) - This section was changed to note the procedure for payment of initial per-copy sublicensing fees.

Section 4.01 (b) - "amounts" changed to "a fee".

Section 3.02(a) - Changed to replace 30-day advance notice to the actual time the licensee begins furnishing copies of a sublicensed product to customers.

Section 5.03 - Changed to show a late payment increase from 1% to 3%.

Scotion 6.02(a) - Name change.

Section 6.02(b) - Name and organization changed.

Section 6.03 - Previously 6.04. (Section 6.03 from previous agreement deleted.)

Section 6.04 - Previously 6.05. No change.

RELATED AT&T COMPUTER ANNOUNCEMENTS

ATLT ANNOUNCES HEW HARDWARE, SOFTWARE PRODUCTS

Continuing its more into the computer market, AT&T announced June 26 more than 70 new products that enable businesses to interconnect work groups to form integrated data networks and then link those networks to contralized data bases on maintrame computers.

AT&T's Computer Systems President James Edwards said that the axw products "form a communications mostic that connects data and voice into networks that run from centralized data precessing centers down through departments to desktops. This cad-to-end connectivity of a company's computers enables existences to be more productive and efficient as they build bridges among their islands of office automation."

The key product groups A'(&T annonaced are:

 A group of hardware and software products that enable customers to connect their PCs, workstations. and minicomputers to their mainframes easily and economically. When employ with other AT&T network offerings such as DATAPHONE®II Network Management System, there new capabilities give customers a wide range of networking and communications power.

- Two new members of its 88 family of computers—
 the 382/400, a super microcomputer for up to 26
 simultaneous testes, and the 3815, a super
 minicomputer that supports up to 60 simultaneous
 usees, both with floating point capability. In
 addition, there are major enhancements to AT&T's
 exciting machines, the 382/300 and the 386, and a
 more than 20 percent price reduction on the
 382/300. This expands the 38 product family and
 provides AT&T customers with a logical, costofficilive path as their needs grow.
- Applications software designed superially for specific superocers such as accountants and mortage companies. These packages provide savings for customers who, until now, had to write their own software or do without.

 Software that enables customers to develop applications on their manifemer, and then use those applications on their SB systems at the department or work group level.

Under the umbrells of Integrated Service Management, AT&T will offer customers a range of customized service options including technical consulting, project implementation and management and operations services. In addition, the company has opened six new Customer Programming Service Centers to develop outton software.

Standard service offerings range from 24-hour-aday maintenance hoding support, backed up by locally-developed systems technicieus, to a natispal parts sales center from which do-it-yeureli customers can order equipment modules and parts for overnight shipment.

Edwards emphasized that the announcements are an integrated extension of the workstation preducts and systems — the AT&T UNIX FC, the enhanced AT&T PC 6300, and the AT&T STARLAN Network — introduced just there months ago. "We are delivering on our commitments to our automore. We are delivering on our pronute of compatibility and connectivity... an our commitment to protect our customers investment... on our pledge of outstanding service," he declared.

Applications Software

AT&T's UNIX System 's' operating system, which runs an the AT&T 3B computer family, has a library of applications software that it growing steadily. The list includes vertical puckages so fill the special needs of a particular ladustry or a specific type of business; horizontal packages such as specuatheess and word processing programs; and a comprehensive array of compilers, stilities and compunications software.

Much of this UNIX saftware is developed by Independent Software Verdore (ISY2) and Value Added Raudlers (VARs).

The software developed by ISVs and VARs, as well as software developed by AT&T, is listed in the recently issued AT&T Computer Software Guide (Reston Publishing, \$19.95) which is available at computer and software speciality stores, bookstores, educational institutions and liberries.

The roftware for the 3B Computer family includer:

VERTICAL INDUSTRY SOFTWARE

- ATAT Supply Lank (382)
- AT&T Mortgage Line (SE2)
- . AT&T Gir Registry (3B2)
- AT&T GLOWS and AT&T GLOWS PM (382)

PROGRAMMING AND DEVELOPMENT

- . UX-Banic (3B2, 8B5)
- RM-COROL (3B2, 2B5)
- LEVEL II COROL (382, 385)

ACCOUNTING

- . AT&T Business Accounting System (882, 285)
- ATAT Communications Management Control System (325)

DATABASES

- . dbase ii (382.885)
- AT&T INGRES (385)
- . AT&T INGRES/C9 (3B2)
- File-in (3B2, 3B5)
- INFORMIX (3B2, 8B5)
- C-ISAM (SB2, 8B5)

OFFICE PRODUCTIVITY

- . Microsolt Word (382, 385)
- CrystalWriter (3B2, 8B5)
- EDIX/WORDIX (382, 385)
- · Muluplan (882, 885)
- . UltraCale (382, 385)

OPERATING SYSTEMS

CHE CHEI MY-V TATA

Customers may contact their AT&T Account Executive for detailed information on pricing and evallability.

TECHNICAL INFORMATION

THE UNIX SOFIWARE ADVISOR

Question: The information on electronic mail to my Software Sales Accessed Executive was incomplete in the last time of I othe. Would you please supply the additional information?

Answer: We apploptes for our error. Here is the correct electronic mail address. The "unop" information for the gateway computer is:

attunix Any ACU 120) 1-201-522-5805 logia:-logia: attunix

After this information is edded to your Lays. Ille, you can send roull to your AE using the following command:

mail attunix(gcss201-----

(The blank spaces are for the recipient's login.)

Question: Are the new prices for COMMRIT¹² Software Besto Networking Utilities now available?

Answer: Yes. Here is a summary of those prices.

	Commercial	14	nentig	A Lu	daulqu	trative
Flest	\$2,000	8	490		20,12	0
Phha	1,000		400		1,000	
Sublices	ulag: O					
Per Cop	y Sublicensia	g:				
Max U	rtis 2	8	16	52	64	>64
Price	\$20	\$5(1	675	\$100	\$125	2180

Question: Where may customers get information on the UNIX PC and the software to run on it?

Answer: Customers may call 1-800-247-1212 for information on the UNIX PC and its software. This is also the number for inquires about the AT&T IB Computer Freduces.

Question: What stops will ATST take to make a driver development kit available?

Answer: We believe the current approach is to give support to our commercial source licensees to allow them to build and deliver System V driver writing kits for their products. We do not believe AT&T should undertake the tank of writing and analasticing these tools, because they are axtremely muchine-dependent, and the necessary expertise resides with each wender.

Specific steps that we are taking are as followit

- We will great permission to our source licensers to develop and distribute the source code for sample device drivers for their products. These drivers will not necessarily be in operational form, but will serve as models that could be modified or extended for actual use.
- 2. We are immediately lifting any restrictions that might exist on the ability of our source licensees to distribute certain files listed below as part of a binery distribution. These files may be required on a binary system to configure and install new drivers.

/un/sc/ut/ut/mk
/un/sc/ut/MI/MI.mk
/un/sc/ut/MI/MI.mk
/un/sc/ut/MI/MI.mk
/un/sc/ut/MI/MI/MI.mk
/un/sc/ut/MI/MI/MI.mk
/un/sc/ut/MI/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/MI/MI /un/sc/ut/MI/MI/MI/MI /un/sc/ut/MI/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi /un/sc/ut/MI/MI/Mi

(Our schedules relating to UNIX System V have been modified to reflect these changes)

UNIXTM Software Product Line

UNIX Systems

UNIX Jystem V, Release 2.0 AT&T 3B20 Version 4
UNIX Fratem V, Release 2.0 VAX 11760 Varsion 2
UNIX Jystem V/M68000, Release 1.0
UNIX Jystem V, Release 2.0 NSC22000 Version 1
UNIX Jystem V, Release 2.0 AT&T 3B5 Version 2

Workbenchoe

UNIX Writer's WorkbenchTM Software UNIX instructional WorkbenchTM Software, Release 3.1 UNIX Documenter's WorkbeachTM Software

Networking/Communications Software

ATET :: INNET:
COMMEIT SOFTWARE HYPERchannel' INTERFACE
COMMEIT SOFTWARE SYNCHRONOUS TERMINAL
INTERFACE
COMMEIT SOFTWARE ETHERNET INTERFACE
UNIX System V COMMEIT Software Basic Networking Utilities 1.0

Languages and Programming Tools

UNIX System V Basic Interproter
COEOL Syntax Checker
M68000 C Compilation System
UNIX IASCAL COMPILER
UNIX SYSTEM ATET SB2/SB5 C COMPILATION SYSTEM

Other Software

6620 DBID Software Coth Package, Release 1.2 5620 DBID Software Development Package, Release 1.2 5620 DBID Software Tout Fackage, Release 1.2

Non-Supported Software

C/370 C Compilation System
Device I respondent TROYF
S SOFTWARE
UNIX System V TEXT MANAGER, Release 1.0
UNIX System Toolcheet

Machine Resdable Documentation

UNIX SYSTEM V

<sup>Trademark of Digital Leulpmont Corporation
Trademark of Network Systems Corporation
Trademark of XEROX, Corporation</sup>

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All Rights Reserved
Peinted in USA
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AT&T INFORMATION SYSTEMS INC. SOFTWARE AGREEMENT

SOLI WAKE VOKEEWEN I
1. AT&T INFORMATION SYSTEMS INC., a Delaware corporation ("AT&T-IS"), having an office at 100 Southgate Parkway, Morristown, New Jersey 07960, and THE SANTA CRUZ OPERATION, INC., a California corporation,having an office at 500 Chestnut Street, Santa Cruz, California 95061
for itself and its SUBSIDIARIES (collectively referred to herein as "LICENSEE") agree that, after execution of this Agreement by LICENSEE and acceptance of this Agreement by AT&T-IS, the terms and conditions set forth on pages 1 through 8 of this Agreement shall apply to use by LICENSEE of SOFTWARE PRODUCTS that become subject to this Agreement.

- 3. Additional Supplements may be added to this Agreement to add additional SOFTWARE PRODUCTS (and DESIGNATED CPUs therefor) or to add or replace DESIGNATED CPUs for other SOFTWARE PRODUCTS covered by previous Supplements. Each such additional Supplement shall be considered part of this Agreement when executed by LICENSEE, if required, and accepted by AT&T-IS.
- 4. This Agreement and its Supplements set forth the entire agreement and understanding between the parties as to the subject matter hereof and merge all prior discussions between them, and neither of the parties shall be bound by any conditions, definitions, warranties, understandings or representations with respect to such subject matter other than as expressly provided herein or as duly set forth on or subsequent to the date of acceptance hereof in writing and signed by a proper and duly authorized representative of the party to be bound thereby. No provision appearing on any form originated by LICENSEE shall be applicable unless such provision is expressly accepted in writing by an authorized representative of AT&T-IS.

THE SANTA CRUZ OPERATION, INC.	Accepted by: AT&T INFORMATION SYSTEMS INC.	SCO CONFIDENTIAL DO NOT
By (Signature) (Date)	By Signature)	MAY 6 135%
Larry Michels	O. L. WILSON	
(Type or print name)	(Type or print name)	
President	Manager, UNIX® Software Licensing	
(Title)	(Title)	

I. DEFINITIONS

- 1.01 CPU means central processing unit.
- 1.02 COMPUTER PROGRAM means any instruction or instructions, in source-code or object-code format, for controlling the operation of a CPU.
- 1.03 DESIGNATED CPU means any CPU listed as such for a specific SOFTWARE PRODUCT in a Supplement to this Agreement.
- 1.04 SOFTWARE PRODUCT means materials such as COMPUTER PROGRAMS, information used or interpreted by COMPUTER PROGRAMS and documentation relating to the use of COMPUTER PROGRAMS. Materials available from AT&T-IS for a specific SOFTWARE PRODUCT are listed in the Schedule for such SOFTWARE PRODUCT. Certain SOFTWARE PRODUCTS available under this Agreement may contain materials prepared by other developers.
- 1.05 SUBSIDIARY of a company means a corporation or other legal entity (i) the majority of whose shares or other securities entitled to vote for election of directors (or other managing authority) is now or hereafter controlled by such company either directly or indirectly; or (ii) the majority of the equity interest in which is now or hereafter owned and controlled by such company either directly or indirectly; but any such corporation or other legal entity shall be deemed to be a SUBSIDIARY of such company only so long as such control or such ownership and control exists.

II. GRANT OF RIGHTS

- 2.01 AT&T-IS grants to LICENSEE a personal, nontransferable and nonexclusive right to use in the United States each SOFTWARE PRODUCT identified in the one or more Supplements hereto, solely for LICENSEE'S own internal business purposes and solely on or in conjunction with DESIGNATED CPUs for such SOFTWARE PRODUCT. Such right to use includes the right to modify such SOFTWARE PRODUCT and to prepare derivative works based on such SOFTWARE PRODUCT, provided that any such modification or derivative work that contains any part of a SOFTWARE PRODUCT subject to this Agreement is treated hereunder the same as such SOFTWARE PRODUCT. AT&T-IS claims no ownership interest in any portion of such a modification or derivative work that is not part of a SOFTWARE PRODUCT.
- 2.02 (a) LICENSEE may permit access to SOFTWARE PRODUCTS by its contractors and allow use of SOFTWARE PRODUCTS by its contractors on DESIGNATED CPUs, provided such access and use is exclusively for LICENSEE in connection with work called for in written agreements between LICENSEE and such contractors in accordance with Section 2.02(f) of this Agreement. LICENSEE may designate contractors' CPUs as DESIGNATED CPUs pursuant to Section 2.04 and furnish SOFTWARE PRODUCTS to contractors for use on such CPUs.

- (b) Any claim, demand or right of action arising on behalf of a contractor from the furnishing to it or use by it of SOFTWARE PRODUCTS shall be solely against LICENSEE.
- (c) Contractors shall agree to the same responsibilities and obligations and other restrictions pertaining to the use of SOFTWARE PRODUCTS as those undertaken by LICENSEE under this Agreement.
- (d) When a contractor's work for LICENSEE is completed, all copies of SOFTWARE PRODUCTS furnished to such contractor or made by such contractor and all copies of any modifications or derivative works made by such contractor based on such SOFTWARE PRODUCT shall be returned to LICENSEE or destroyed, including any copies stored in any computer memory or storage medium.
- (e) A contractor may not acquire any ownership interest in any modification or derivative work prepared by such contractor based on or using a SOFTWARE PRODUCT subject to this Agreement unless such contractor also becomes a licensee of AT&T-IS for such SOFTWARE PRODUCT.
- (f) LICENSEE and any such contractor shall enter into a written agreement before or at the time of permitting access to or allowing use of any SOFTWARE PRODUCT by a contractor or furnishing a SOFTWARE PRODUCT to a contractor. Such written agreement shall be consistent with the requirements of this Section 2.02. Copies of such agreements shall be provided to AT&T-IS on request; however, portions of such agreements not required by this Section may be deleted from such copies.
- 2.03 A single back-up CPU may be used as a substitute for a DESIGNATED CPU without notice to AT&T-IS during any time when such DESIGNATED CPU is inoperative because it is malfunctioning or undergoing repair, maintenance or other modification.
- 2.04 LICENSEE may at any time notify AT&T-IS in writing of any changes, such as replacements or additions, that LICENSEE wishes to make to the DESIGNATED CPUs for a specific SOFTWARE PRODUCT. AT&T-IS will prepare additional Supplements as required to cover such changes. Changes covered by a Supplement shall become effective after execution of such Supplement by LICENSEE, if required, acceptance thereof by AT&T-IS and, in the case of each additional CPU, receipt by AT&T-IS of the appropriate fee.
- 2.05 On AT&T-IS'S request, but not more frequently than annually, LICENSEE shall furnish to AT&T-IS a statement, certified by an authorized representative of LICENSEE, listing the location, type and serial number of all DESIGNATED CPUs hereunder and stating that the use by LICENSEE of SOFTWARE PRODUCTS subject to this Agreement has been reviewed and that each such SOFTWARE PRODUCT is being used solely on DESIGNATED CPUs for temporarily on back-up CPUs) for such SOFTWARE PRODUCTS in full compliance with the provisions of this Agreement.

2.06 No right is granted by this Agreement for the use of SOFTWARE PRODUCTS directly for others, or for any use of SOFTWARE PRODUCTS by others, except LICENSEE'S contractors pursuant to Section 2.02, unless such uses are permitted for a particular SOFTWARE PRODUCT by a specific provision in the Schedule for such SOFTWARE PRODUCT. For example, use of a SOFTWARE PRODUCT in a time-sharing service or a service-bureau operation is permitted only pursuant to such a specific provision.

III. DELIVERY

- 3.01 Within a reasonable time after AT&T-IS receives the see specified in the stress Supplement for a SOFTWARE PRODUCT, AT&T-IS will surnish to LICENSEE one (1) copy of such SOFTWARE PRODUCT in the form identified in the Schedule for such SOFTWARE PRODUCT.
- 3.02 Additional copies of SOFTWARE PRODUCTS covered by this Agreement will be furnished to LICENSEE after receipt by AT&T-IS of the thencurrent distribution fee for each such copy.

IV. EXPORT

4.01 LICENSEE agrees that it will not without the prior written consent-of AT&T-IS, export, directly, or indirectly, SOETWARE PRODUCTS-covered-by this Agreement to any country outside of the United States. LICENSEE also agrees that it will obtain any and all necessary export licenses for any such export or for any disclosure of a SOFTWARE PRODUCT to a foreign national.

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V. FEES AND TAXES

- 5.01 Within sixty (60) days after acceptance of this Agreement by AT&T-IS, LICENSEE shall pay to AT&T-IS the fees required by the Supplement(s) initially attached hereto for the DESIGNATED CPUs listed in such Supplement(s).
- 5.02 Within sixty (60) days after acceptance of each additional Supplement by AT&T-IS, LICENSEE shall pay to AT&T-IS any fee required by such additional Supplement for the DESIGNATED CPUs listed in such additional Supplement.
- 5.03 Payments to AT&T-IS shall be made in United States dollars to AT&T-IS at the address specified in Section 7.10(a).
- 5.04 LICENSEE shall pay all taxes, including any sales or use tax (and any related interest or penalty), however designated, imposed as a result of the existence or operation of this Agreement, except any income tax imposed upon AT&T-IS by any governmental entity within the United States proper (the lifty (50) states and the District of Columbia). Fees specified in Supplement(s) to this Agreement and in Schedule(s) attached to Supplement(s) do not include taxes. If AT&T-IS is required to collect a tax to be paid by LICENSEE, LICENSEE shall pay such tax to AT&T-IS on demand.

VI. TERM

- 6.01 This Agreement shall become effective on and as of the date of acceptance by AT&T-IS.
- 6.02 LICENSEE may terminate its rights under this Agreement by written notice to AT&T-IS certifying that LICENSEE has discontinued use of and returned or destroyed all copies of SOFTWARE PRODUCTS subject to this Agreement.
- 6.03 If LICENSEE fails to fulfill one or more of its obligations under this Agreement, AT&T-IS may, upon its election and in addition to any other remedies that it may have, at any time terminate all the rights granted by it hereunder by not less than two (2) months' written notice to LICENSEE specifying any such breach, unless within the period of such notice all breaches specified therein shall have been remedied; upon such termination LICENSEE shall immediately discontinue use of and return or destroy all copies of SOFTWARE PRODUCTS subject to this Agreement.
- 6.04 In the event of termination of rights under Sections 6.02 or 6.03, AT&T-IS shall have no obligation to refund any amounts paid to it under this Agreement.
- 6.05 LICENSEE agrees that when a SUBSIDIARY'S relationship to LICENSEE changes so that it is no longer a SUBSIDIARY of LICENSEE, (i) all rights of such former SUBSIDIARY to use SOFTWARE PRODUCTS subject to this Agreement shall immediately cease, and (ii) such former SUBSIDIARY shall immediately discontinue use of and return to LICENSEE or destroy all copies of SOFTWARE PRODUCTS subject to this Agreement. No fees paid to AT&T-IS for use of SOFTWARE PRODUCTS on DESIGNATED CPUs of such former SUBSIDIARIES shall be refunded; however, LICENSEE may substitute other CPUs for such DESIGNATED CPUs in accordance with Section 2.04.

VII. MISCELLANEOUS PROVISIONS

7.01 This Agreement shall prevail cotwithstanding any conflicting terms or legends which may appear in a SOFTWARE PRODUCT.

7.02 AT&T-IS warrants for a period of ninety (90) days from furnishing a SOFTWARE PRODUCT to LICENSEE that any magnetic medium on which portions of a SOFTWARE PRODUCT are furnished will be free under normal use from defects in materials, workmanship or recording. If such a defect appears within such warranty period LICENSEE may return the defective medium for replacement without charge. Replacement is LICENSEE'S sole remedy with respect to such a defect. AT&T-IS also warrants that it is empowered to grant the rights granted herein. AT&T-IS and other developers make no other representations or warranties, expressly or impliedly. By way of example but not of limitation, AT&T-IS and other developers make no representations or warranties of merchantability or fitness for any particular purpose, or that the use of any SOFTWARE PRODUCT will not infringe any patent, copyright or trademark. AT&T-IS and other developers shall not be held to any liability with respect to any claim by LICENSEE, or a third party on account of, or arising from, the use of any SOFTWARE PRODUCT.

7.03 No right is granted herein to use any identifying mark (such as, but not limited to, trade names, trademarks, trade devices, service marks or symbols, and abbreviations, contractions or simulations thereof) owned by, or used to identify any product or service of, AT&T-IS or a corporate affiliate thereof. LICENSEE agrees that it will not, without the prior written permission of AT&T-IS, (i) use any such identifying mark in advertising, publicity, packaging, labeling or in any other manner to identify any of its products or services or (ii) represent, directly or indirectly, that any product or service of LICENSEE is a product or service of AT&T-IS or such an affiliate or is made in accordance with or utilizes any information or documentation of AT&T-IS or such an affiliate.

7.04 Neither the execution of this Agreement nor anything in it or in any SOFTWARE PRODUCT shall be construed as an obligation upon AT&T-IS or any other developer to furnish any person, including LICENSEE, any assistance of any kind whatsoever, or any information or documentation other than the SOFTWARE PRODUCTS to be furnished by AT&T-IS pursuant to Sections 3.01 and 3.02.

7.05 (a) LICENSEE agrees that it shall hold all parts of the SOFTWARE PRODUCTS subject to this Agreement in confidence for AT&T-IS. LICENSEE further agrees that it shall not make any disclosure of any or all of such SOFTWARE PRODUCTS (including methods or concepts utilized therein) to anyone, except to employees and contractors of LICENSEE to whom such disclosure is necessary to the use for which rights are granted hereunder. LICENSEE shall appropriately notify each employee to whom any such disclosure is made that such disclosure is made in confidence and shall be kept in confidence by such employee. If information relating to a SOFTWARE PRODUCT subject to this Agreement at any time becomes available without restriction to the general public by acts not attributable to LICENSEE, its contractors or employees of either, LICENSEE'S obligations under this section shall not apply to such information after such time.

(b) Notwithstanding the provisions of Section 7.05(a), LICENSEE may distribute copies of a SOFTWARE PRODUCT, either in modified or unmodified form, to third parties having licenses of equivalent scope herewith from AT&T-IS for a corporate affiliate or authorized distributor thereof) for the same SOFTWARE PRODUCT, provided that LICENSEE first verifies the status of the recipient by calling AT&T-IS at 800-828-8649 (or other number specified by AT&T-IS). AT&T-IS will give oral verification of the recipient's status for recipients in the United States and written verification for recipients outside the United States. LICENSEE shall maintain a record of each such distribution and, for each quarterly period (ending on March 31st, June 30th, September 30th and December 31st) during which any such distribution occurs, forward a copy of such record for such period to AT&T-IS at the correspondence address specified in Section 7.10(b) within thirty (30) days of the end of such period. Such record shall include, for each such distribution, the identity of the recipient, the date of verification, the name of the person at AT&T-IS providing verification and the date of distribution. LICENSEE may also obtain materials based on a SOFTWARE PRODUCT subject to this Agreement from such a third party and use such materials pursuant to this Agreement, provided that LICENSEE treats such materials hereunder the same as such SOFTWARE PRODUCT.

7.06 The obligations of LICENSEE, its employees and contractors under Section 7.05(a) shall survive and continue after any termination of rights under this Agreement or cessation of a SUBSIDIARY'S status as a SUBSIDIARY.

7.07 LICENSEE agrees that it will not use SOFTWARE PRODUCTS subject to this Agreement except as authorized herein and that it will not make, have made or permit to be made any copies of such SOFTWARE PRODUCTS except for use on DESIGNATED CPUs for such SOFTWARE PRODUCTS (including backup and archival copies necessary in connection with such use) and for distribution in accordance with Section 7.05(b). Each such copy shall contain any copyright notice, proprietary notice or notice giving credit to another developer, which appears on or in the SOFTWARE PRODUCT being copied. Specific instructions regarding such notices may also appear in the Schedules for certain SOFTWARE PRODUCTS.

7.08 Neither this Agreement nor any rights hereunder, in whole or in part, shall be assignable or otherwise transferable by LICENSEE and any purported assignment or transfer shall be null and void.

7.09 Except as provided in Section 7.05(b), nothing in this Agreement grants to LICENSEE the right to sell, lease or otherwise transfer or dispose of a SOFTWARE PRODUCT in whole or in part.

7.10 (a) Payments to AT&T-IS under this Agreement shall be made payable and sent to:

AT&T INFORMATION SYSTEMS P.O. Box 65080 Charlotte, North Carolina 28265

(b) Correspondence with AT&T-IS relating to this Agreement shall be sent to:

AT&T INFORMATION SYSTEMS UNIXTMSoftware Licensing P.O. Box 25000
Greensboro, North Carolina 27420

- (c) Any statement, notice, request or other communication shall be deemed to be sufficiently given to the addressee and any delivery hereunder deemed made when sent by certified mail addressed to LICENSEE at its office specified in this Agreement or to AT&T-IS at the appropriate address specified in this Section 7.10. Each party to this Agreement may change an address relating to it by written notice to the other party.
- 7.11 If LICENSEE is not a corporation, all references to LICENSEE'S SUBSIDIARIES shall be deemed deleted.
- 7.12 The construction and performance of this Agreement shall be governed by the law of the State of New York.