# Table of Contents

UUPC/extended Configuration Files	91
The UUPC/extended UUPC.RC and [userid].RC files	91
Modem Files	111
Introduction	111
Modem File Guidelines	111
Valid Fields in Modem Files	112
Boolean Options in Modem files	119
Supplied Modem Files	120
The UUPC/extended SYSTEMS file	124
Introduction	124
Time	126
Call Grades	128
Protocols	129
Scripts	131
Multiple entries in the SYSTEMS file	131
Advanced Installation and Configuration Topics	133
Changing how mail is addressed and delivered	133
Overview of RMAIL	133
Using Alias Files, Forward Files, and the HOSTPAT file	TH 134
The User Alias File	135
Implicit User Alias Processing	137
The System Alias File	137
The FORWARD File	139
Controlling routing for Entire Systems and Subdomains.	139
Overview of Mail Routing	139
Routing Mail via Non-Default Mail Servers	141

# UUPC/extended 1.12b Installation and User's Reference

the Local System14
Aliasing Systems Via the HOSTPATH File14
The Ever So English Sport of Site Hiding14
Using UUPC/extended As A Mail Gateway14
Using UUPC/extended Under Windows 3.x14
Using UUPC/extended Under OS/2 and Windows NT14
Using UUPC/extended on a LAN14
Configuring using Universal Naming Convention (UNC)
names14
Specialized Communications drivers14
General Advice on Multitasking Environments14
Passive polling14
Modifying your SYSTEMS, PASSWD, and PERMISSNS files14
Test your machine's new configuration15
Test having their machine call yours15
UUPC/extended and FOSSIL Drivers15
When things go wrong15
How to Get UUPC/extended15
How to Register UUPC/extended16
Changes From Previous Versions17

Introduction

## <u>Introduction</u>

## Copyright

This document is Copyright (c) 1989-1993 by Kendra Electronic Wonderworks. All rights reserved. Please see our license agreement on page 3 for restrictions on further distribution.

## Viewing on a Terminal

This document includes overstrikes for printing on a printer. To read this document on-line, extract the program NOVRSTRK from the UUPC/extended optional programs archive and issue the following command:

## NOVRSTRK UUPCDOCS.PRN UUPCDOCS.TXT

You can then browse the terminal ready version of the document, UUPCDOCS.TXT. However, given that this document is well over 100 pages long, you'll want to either print it or have a good search function handy.

### Revision

This is the 3rd revision of this document, and applies to UUPC/extended version 1.12b. This document was last updated on September 24, 1993 by Katherine Derbyshire. Even if you have read previous versions of this document, General Information on page 7 and Changes From Previous Versions on page 173 should be reviewed for updates.

## Licensing, Redistribution, and Warranty

Terms and Conditions for Copying, Distribution, and Modification

"UUPC/extended", below, refers to the entire UUPC/extended package, as distributed by Kendra Electronic Wonderworks. A "work based on UUPC/extended" means either UUPC/extended or any derivative work under copyright law: that is to say, a work containing UUPC/extended or a portion of it, either verbatim or with modifications and/or translated into another language. (Translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. UUPC/extended may be installed and run on as many systems as desired without restriction.

- 1. You may copy and distribute verbatim copies of UUPC/extended's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of UUPC/extended a copy of this License along with UUPC/extended.
  - a) You may not distribute versions of UUPC/extended that you know to be obsolete. You are specifically prohibited from knowingly distributing obsolete versions of UUPC/extended in order to support third party programs.
  - b) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
- 2. You may modify your copy or copies of UUPC/extended or any portion of it, thus forming a work based on UUPC/extended, and copy and distribute such modifications or works under the terms of Section 1 above, provided that you also meet all of these conditions:
  - a) The modified files must carry prominent notices stating that you changed the files and the date of any change.
  - b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from UUPC/extended or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
  - c) You may not make malicious changes to UUPC/extended. You may not insert viruses, worms, or other code intended to

damage or disrupt the end user's system and/or data. 10/04/93 - 3 -

d) You may not cripple UUPC/extended's functionality in any way. In particular, you may not make continued use of UUPC/extended contingent on payment of a registration fee.

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from UUPC/extended, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections. Specifically, unique works may interface to UUPC/extended via configuration, spooling, or other files using routines based on UUPC/extended source code without falling under the scope of this License.

It is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on UUPC/extended.

- 3. You may copy and distribute UUPC/extended (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
  - a) Accompany it with the complete corresponding machinereadable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
  - b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
  - c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for non-commercial distribution and only if you received UUPC/extended in object code or executable form with such an offer, in accord with Subsection b above.)
  - d) Distribution of multiple copies of the object code within a single organization is specifically exempted from this section.

The complete UUPC/extended source code means all the source code for all modules UUPC/extended contains plus the scripts used to control compilation and installation of the executable. However, UUPC/extended source code does not include any components of either the operating system under which UUPC/extended runs or the compiler and runtime libraries used to construct the executable.

4. You may not copy, modify, sublicense, or distribute

UUPC/extended except as expressly provided under this License. -4- 10/04/93

## Warranty

Any attempt otherwise to copy, modify, sublicense or distribute UUPC/extended is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute UUPC/extended or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing UUPC/extended (or any work based on UUPC/extended), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying UUPC/extended or works based on it.
- 6.Each time you redistribute UUPC/extended (or any work based on UUPC/extended), the recipient automatically receives a license from the original licenser to copy, distribute or modify UUPC/extended subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

#### NO WARRANTY

- 7. Because UUPC/extended is licensed free of charge, there is no warranty for UUPC/extended, to the extent permitted by applicable law. Except when otherwise stated in writing the copyright holders and/or other parties provide UUPC/extended "as is" without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of UUPC/extended is with you. Should UUPC/extended prove defective, you assume the cost of all necessary servicing, repair or correction.
- 8. In no event unless required by applicable law or agreed to in writing will any copyright holder, or any other party who may modify and/or redistribute UUPC/extended as permitted above, be liable to you for damages, including any general, special, incidental or consequential damages arising out of the use or inability to use UUPC/extended (including but not limited to loss of data or data being rendered inaccurate or losses sustained by you or third parties or a failure of UUPC/extended to operate with any other programs), even if such holder or other party has been advised of the possibility of such damages.