

# Software Product Description

**PRODUCT NAME: Uniplex™ Business Software for ULTRIX  
on RISC, Version 7.00c**

**SPD 32.83.01**

## DESCRIPTION

Uniplex Business Software is a product of Uniplex Limited and distributed under Digital Equipment Corporation's Terms and Conditions.

Uniplex Business Software is a suite of UNIX™-based office applications designed to handle routine office activities. Uniplex II Plus, the base program for all Uniplex Business Software, provides word processing, spreadsheet, database and business graphics. In addition to Uniplex II Plus, several optional applications can be added to expand overall office functionality.

Uniplex Advanced Office System (AOS) adds electronic mail, time manager, personal organizer, card index and report writer. Uniplex Advanced Graphics System (AGS) provides charting, graphing and freehand draw capabilities. Uniplex Additional Dictionary Pack (ADP) provides support for multiple dictionaries which enables users to spellcheck documents in various languages.

Uniplex Business Software uses consistent commands, menus and softkeys throughout all applications. Users may "hot-key" between several applications or between multiple areas of the same application. All applications are highly integrated with each other; a single screen can contain a spreadsheet with business graphics windowed into a word processing document.

### Uniplex II Plus

#### *Word Processor*

The Uniplex word processor provides a full complement of word processing features including multiple columns, special print effects and proportional spacing. Dialog boxes and pop-up menus help to simplify text formatting and control of the many special effects.

Additional features include:

- Visible page breaks
- Automatic justification

- On-screen print effects
- Paragraph and page numbering
- Decimal tab and column align
- Headers, footers, footnotes and endnotes
- Line and box drawing, sketch mode
- Auto backup and auto save
- Document boilerplate merge
- Flexible search and replace
- Automatic index and table of contents generation
- Spelling dictionary and thesaurus
- Flexible printer formatting on Digital printers

#### *Spreadsheet*

The Uniplex spreadsheet provides the user with a choice of using either the Uniplex interface or an industry standard interface (ISSI) similar to that used by other leading spreadsheet products. Data can be imported from Lotus® 1-2-3, DIF or ASCII files into a matrix as large as 1024 rows x 256 columns. Integration with database information allows data to be extracted, using SQL (Structured Query Language), and displayed into individual cells from either the Uniplex database or specific external database systems. Additional Uniplex spreadsheet features include:

- On-line help
- Protected cells and areas
- Named ranges
- Up to 9 split-screen windows
- Unlimited spreadsheet links
- 70 commands and over 80 functions that include statistical, date, logical, financial, math and data/UNIX functions

With the integrated, dynamic business graphics capabilities of Uniplex spreadsheet, data can be easily graphed in a variety of graph formats.

### *Database*

Uniplex II Plus is available in two variants. The Base I version includes an integrated relational database management system. Data can be addressed by using either the Uniplex forms interface, or by issuing industry standard Structured Query Language (SQL) commands. The Base II option does not include the database management system, but provides transparent linkages to external databases such as INFORMIX®. Base I and Base II cannot coexist.

Uniplex II Plus, Base I provides a relational database where data can be easily accessed through either the Uniplex database forms interface or industry standard SQL commands. The size of the database is limited only by the speed and storage capabilities of the hardware.

Some features of the Base I database are:

- Interactive spreadsheet integration
- Optimized queries
- Transaction processing/rollback
- C-ISAM data structure
- Integrated data dictionary
- Multiple security systems
- Controlled validation
- Audit trails
- Full-screen editing
- Multiple verb definition
- Linked tables
- Full, on-line help

The Uniplex Database Links feature of Uniplex II Plus, Base II, allows users to access third-party databases (i.e., INFORMIX) as opposed to the Uniplex-supplied database. Users can cut and paste data using the Uniplex forms-based interface. Database information can be selected and merged into memos, reports, or standard letters for mass mailings.

### *Business Graphics and Sketchpad*

Using either low or high resolution terminals and wide range of dot matrix to laser printers, Uniplex allows users to present data dynamically tied to spreadsheet and database information. Graphs can be created and incorporated into a document, printed or mailed electronically. The sketchpad feature allows for fast and simple creation of diagrams and sketches.

Uniplex Business Graphics include:

- 2-D and 3-D displays

- Vertical, horizontal, and stacked bars
- Line, scatter, area and stacked area graphs
- Automatic or manual scaling with limits
- Presentation format options
- On-line help

Sketchpad allows fast and simple creation of diagrams and sketches using many of the functions available in Business Graphics.

### *Screen and Menu Builder*

The Uniplex Screen Builder provides facilities for customizing menus and screens. Screens and menus can be implemented across the entire system or selectively for specific work groups or individuals.

The Screen Builder is a menu-driven utility that allows complex logical operations to be constructed by using shell scripts. Custom menus can be developed to call: additional menus, application areas, a utility through the UNIX shell, a pop-up menu, or an external application.

### *Print Composer*

The Uniplex Print Composer prints high-quality documentation utilizing proportionally spaced text, boxing, multiple columns and various shading abilities (dependent upon the type of printer used). The Print Composer offers support for laser printers, including those running PostScript®.

### *System-Wide Features*

Uniplex II Plus provides the following system-wide features:

- Calculator
- Clock
- Calendar
- Sketch pad
- Clipboard display
- Function key support
- Keystroke recorder
- File/folder management.

### **Uniplex Advanced Office System**

The Uniplex Advanced Office System (AOS) option is a companion product to Uniplex II Plus and provides the functions necessary for group communications and scheduling. These tools include:

- Electronic mail
- Time management

- Card index
- Formfill
- Report writer.

#### *Electronic Mail*

Uniplex Electronic Mail is an object-oriented mail facility that allows any type of Uniplex file, ranging from reports and memos to spreadsheets and complex graphics, to be mailed. Additional mail features include:

- Comprehensive reply/forward/archive/delete/save and print facilities
- Multiple attachments
- Carbon copy/blind copy
- Receipt and mail read verification
- Distribution lists and aliasing
- Mail prioritization
- Automatic forward, reply and notifications
- Mail encryption
- Batch operations

Uniplex mail can work with any underlying mail system. However, by default, it uses standard UNIX mail. With the addition of DECnet-ULTRIX, Uniplex can exchange mail with VMS and ALL-IN-1 users. Layering ULTRIX Mail Connection on this allows Uniplex to take full advantage of Digital's NAS facilities via the Mailbus.

#### *Report Writer*

The Report Writer provides flexible report creation from any source. Reports allow data calculations, full control breaks, repeating data for periodic reports, and step-by-step guidance for report creation.

#### *Personal Organizer*

The Personal Organizer of AOS provides a flexible time manager, calendar and calculator. Calendars can be viewed monthly, or biweekly with both private and shared diaries. Alarm reminders, appointment conflict warnings, time bookings for multiple events and printing of schedules are some of the scheduling features.

#### *Time Manager*

The Time Manager allows users to create one or more personal calendars which display scheduled and open times. Calendars can be made available to other users to make appointment scheduling easier. Calendars can be organized in day or week formats and printed in regular letter or handy wallet sizes.

#### *Formfill*

Formfill allows users to create, or generate from a document, routine forms such as purchase orders, expense reports, or invoices. Forms can then be completed on-screen. Forms can be printed or distributed using Uniplex mail.

#### *Card Index*

The Uniplex Card Index can be used to keep track of information such as customer names and addresses when the power of a full relational database is not required. Fixed fields can be established to simplify Card Index data entry and retrieval. Up to 17 custom fields can be created, displayed and sorted.

### **Uniplex Advanced Graphics**

#### *Presentation Graphics*

The Uniplex Advanced Graphics (AGS) option, like AOS, is a companion product to Uniplex II Plus. AGS provides additional graphic features and functions which allow the creation of presentation quality graphics. With AGS, users can create a range of graphics, from simple bar graphs to sophisticated 3-D area charts and exploded pie graphs. Fonts can be changed, text size altered and colors selected. AGS also provides flexible hardcopy capabilities and support for many printers including PostScript models.

#### *Presentation Editor*

The Uniplex Presentation editor provides additional tools to allow more extensive editing of graphics. Using the keyboard, standard graphs produced with Presentation Graphics can be translated into illustrations and diagrams. Presentation Editor enables objects or groups of objects to be scaled, rotated and copied. A zoom facility allows users to add fine detail to illustrations.

#### *Additional Dictionary Pack*

The Additional Dictionary Pack (ADP) provides support for multiple dictionaries which enables users to spellcheck documents containing words in various languages. This facility is useful to multinational corporations, government bodies and users in countries where more than one language is commonly in use. The ADP contains 11 languages: US English, UK English, French, German, Spanish, Italian, Dutch, Swedish, Danish, Norwegian, and Canadian French.

#### *Uniplex Documentation*

The following documentation is included with the Uniplex Business Software applications:

Uniplex II Plus

- *Uniplex II Plus User Guide* (2 volumes)
- *Uniplex Administration Guide*
- *Release/Installation Notes*
- *Quick Lookup Guide*
- *Uniplex Configuration Guide* (2 volumes)
- Keyboard Templates for VT2xx, VT3xx terminals

Uniplex Advanced Office System

- *Advanced Office System User Guide*

Uniplex Advanced Graphics System

- *Advanced Graphics System User Guide*

Documentation can be purchased separately.

## INSTALLATION

Only customers experienced with system management of UNIX or ULTRIX systems should attempt installation of these products. Digital recommends that all other customers purchase Digital's Installation Services.

## HARDWARE REQUIREMENTS

DECstation or DECsystem configurations as specified in the System Support Addendum (SSA 32.83.01-x).

## SOFTWARE REQUIREMENTS\*

*For Systems Using Terminals:*

- ULTRIX Operating System

*For Workstations:*

- ULTRIX Workstation Software (UWS)

\* Refer to the System Support Addendum (SSA 32.83.01-x) for availability and required versions of prerequisite/optional software.

## ORDERING INFORMATION

Uniplex II Plus, Uniplex Advanced Office System (AOS) and Uniplex Advanced Graphics System (AGS) are licensed by the number of users. Documentation and media are included with each kit. The quantity of keyboard templates included in each Uniplex II Plus kit is dependent upon the user-license ordered, up to a maximum of 64 templates. Additional keyboard templates can be ordered in conjunction with the *Uniplex Look-up Guide* 4 Pack (QA-\*\*\*AE-GZ).

If Uniplex Advanced Office System (AOS) or Uniplex Advanced Graphics System (AGS) are to be a companion product with Uniplex II Plus, a license must be purchased equivalent to the same number of users as the Uniplex II Plus product.

Uniplex Business Software applications require the entry of a security key for both the initial installation and subsequent user-tier upgrades. Upgrades do not require the reinstallation of the product, but simply the keying in of a new, unique security key for each application being upgraded. All Uniplex Business Software applications must be upgraded to the same user-tier level.

\* Denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

## User Upgrade Options

To upgrade a Uniplex Business Software application, for example, from 4-users to 32-users, all intermediate licenses must be purchased (i.e., purchase the 4-8 user, 8-16 user and 16-32 user licenses). This procedure must be followed precisely, otherwise, the upgrade will not function properly. All Uniplex Business Software applications must be upgraded to the same user-tier level.

Refer to the *Software Options Chart* at the end of this document for option numbers for Uniplex Business Software.

## SOFTWARE LICENSING

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

## SOFTWARE PRODUCT SERVICES

A variety of service options are available from Digital. For more information, contact your local Digital office.

## SOFTWARE WARRANTY

Warranty for these software products is provided by Digital with the purchase of a license for the products as defined in the Software Warranty Addendum of this SPD.

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Software Options Chart

Number of Users	Uniplex II Plus Base I	Uniplex II Plus Base II	Advanced Office Systems	Advanced Graphics Systems
1	QB-YQDA8-VA	QB-YPPA8-VA	QB-YPYA8-VA	QB-YQ4A8-VA
4	QB-YQDA8-VB	QB-YPPA8-VB	QB-YPYA8-VB	QB-YQ4A8-VB
8	QB-YQDA8-VC	QB-YPPA8-VC	QB-YPYA8-VC	QB-YQ4A8-VC
16	QB-YQDA8-VD	QB-YPPA8-VD	QB-YPYA8-VD	QB-YQ4A8-VD
32	QB-YQDA8-VE	QB-YPPA8-VE	QB-YPYA8-VE	QB-YQ4A8-VE
64	QB-YQDA8-VF	QB-YPPA8-VF	QB-YPYA8-VF	QB-YQ4A8-VF
128	QB-YQDA8-VG	QB-YPPA8-VG	QB-YPYA8-VG	QB-YQ4A8-VG
256	QB-YQDA8-VH	QB-YPPA8-VH	QB-YPYA8-VH	QB-YQ4A8-VH
512	QB-YQDA8-VJ	QB-YPPA8-VJ	QB-YPYA8-VJ	QB-YQ4A8-VJ
1024	QB-YQDA8-VK	QB-YPPA8-VK	QB-YPYA8-VK	QB-YQ4A8-VK

Uniplex Additional Dictionary Pack, ULTRIX for RISC, TK50: QB-YQEA8-T5

Upgrade Options Chart

Number of Users	Uniplex II Plus Base I	Uniplex II Plus Base II	Advanced Office Systems	Advanced Graphics Systems
1-4	QB-YQDA8-VL	QB-YPPA8-VL	QB-YPYA8-VL	QB-YQ4A8-VL
4-8	QB-YQDA8-VM	QB-YPPA8-VM	QB-YPYA8-VM	QB-YQ4A8-VM
8-16	QB-YQDA8-VN	QB-YPPA8-VN	QB-YPYA8-VN	QB-YQ4A8-VN
16-32	QB-YQDA8-VP	QB-YPPA8-VP	QB-YPYA8-VP	QB-YQ4A8-VP
32-62	QB-YQDA8-VQ	QB-YPPA8-VQ	QB-YPYA8-VQ	QB-YQ4A8-VQ
64-128	QB-YQDA8-VR	QB-YPPA8-VR	QB-YPYA8-VR	QB-YQ4A8-VR
128-256	QB-YQDA8-VS	QB-YPPA8-VS	QB-YPYA8-VS	QB-YQ4A8-VS
256-512	QB-YQDA8-VT	QB-YPPA8-VT	QB-YPYA8-VT	QB-YQ4A8-VT
512-1024	QB-YQDA8-VU	QB-YPPA8-VU	QB-YPYA8-VU	QB-YQ4A8-VU

# System Support Addendum

PRODUCT NAME: Uniplex™ Business Software for ULTRIX on RISC, Version 7.00c

SSA 32.83.01-A

## HARDWARE REQUIREMENTS

### Processors Supported

DECstation: DECstation 2100, DECstation 3100, DECstation 3100s, DECstation 5000 Model 200, DECstation 5000 Model 200CX, DECstation 5000 Model 200PX, DECstation 5000 Model 200PXC, DECstation 5000 Model 200PXD, DECstation 5000 Model 200PXE, DECstation 5000 Model 200PXG, DECstation 5000 Model 200PXG TURBO

DECsystem: DECsystem 3100, DECsystem 5000 Model 200, DECsystem 5100, DECsystem 5400, DECsystem 5500, DECsystem 5810, DECsystem 5820, DECsystem 5830, DECsystem 5840

### Processors Not Supported

Processors not listed above are not supported.

ULTRIX Mail Connection does not support DECsystem 5810 or DECsystem 5820. Refer to the ULTRIX Mail Connection Software Product Description (SPD 29.05.xx) for additional support information.

### Other Hardware Required

A terminal-interface is required. See the *Optional Hardware* section for supported devices.

### Disk space required for installation:

Uniplex II Plus, Base I	13.3Mb
Uniplex II Plus, Base II	13.0Mb
Advanced Office System	3.7Mb
Advanced Graphics System	3.5Mb
Additional Dictionary Pack	33.0Mb

### Disk space required for permanent use:

Uniplex II Plus, Base I	13.3Mb
Uniplex II Plus, Base II	13.0Mb
Advanced Office System	3.7Mb

Advanced Graphics System	3.5Mb
Additional Dictionary Pack	33.0Mb

Other file systems: Space required for storage of word processing, spreadsheet, database, calendar and other normal data files.

The above sizes are approximate; actual disk space required is dependent upon system environment, configuration and software options.

A TK50 or TK70 device is required for software installation.

## OPTIONAL HARDWARE

The following terminals have been tested:

- Character only: VT100, VT220, VT240, VT320, VT330, VT340, DECterm
- High-resolution and character: VT240, VT330, VT340
- Uniplex includes support for ReGIS on: VT240, VT330, VT340

The following printers have been tested:

- Character mode: LA75, LN03 PLUS, LN03R PostScript®, LPS40
- High-resolution and character: LA75, LN03 PLUS, LN03R PostScript, LPS40, LJ250
- Plotters (graphics only): LVP16

**Note:** The LN03 PLUS requires the LN03-IC font cartridge.

## SOFTWARE REQUIREMENTS

*For Systems Using Terminals:*

ULTRIX Operating System V4.1 (SPD 26.40.xx)

*For Workstations:*

ULTRIX Workstation Software (UWS) V4.1  
(SPD 28.22.xx)

**OPTIONAL SOFTWARE**

- DECnet-ULTRIX V4.0

*For Connection to VAX Processors Under VMS:*

- DECnet-ULTRIX V4.0 (SPD 26.83.xx) or
- VMS/ULTRIX Connection V1.3 (SPD 25.A4.xx) for TCP/IP.
- ULTRIX Mail Connection V1.1 (SPD 29.05.xx) is required for correct mail text interchange between ALL-IN-1 and Uniplex Office Systems.

**GROWTH CONSIDERATIONS**

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

The total number of users, type of load (e.g., mail, diaries, spreadsheet, databases are all large growth areas) will vary from site to site. Refer to the *Uniplex Installation Guide* Appendix A for space requirements planning. It is recommended that Uniplex Business Software be installed on a separate disk with a minimum of 100Mb storage capacity.

**DISTRIBUTION MEDIA**

Tape: TK50 Streaming Tape

**ORDERING INFORMATION**

*Software License/Media/Documentation:*

Uniplex II Plus Base I - RISC: QB-YQDA8-V\*  
Uniplex II Plus Base II - RISC: QB-YPPA8-V\*  
Uniplex Advanced Office System (AOS) - RISC:  
QB-YPYA8-V\*  
Uniplex Advanced Graphic System (AGS) - RISC:  
QB-YQ4A8-V\*  
Uniplex Additional Dictionary Pack (ADP) - RISC:  
QB-YQEA8-T5

*Software Documentation:*

Uniplex Base Documentation: QA-YQDAA-GZ  
*Uniplex Quick Look-up Guide* and Keyboard Template,  
4-Pack: QA-YQDAE-GZ  
*Uniplex Configuration Guide*: QA-YQDAF-GZ  
Uniplex Base Documentation: QA-YPPAA-GZ  
*Uniplex Quick Look-up Guide* and Keyboard Template,  
4-Pack: QA-YPPAE-GZ  
*Uniplex Configuration Guide*: QA-YPPAF-GZ  
Uniplex Advanced Office System Documentation:  
QA-YPYAA-GZ  
Uniplex Advanced Graphic System Documentation:  
QA-YQ4AA-GZ

*Software Product Services: QT-\*\*\*A8-\*\**

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