

Software Product Description

PRODUCT NAME: CA-20/20 GOLD for ALL-IN-1, Version 3.12

SPD 32.78.01

DESCRIPTION

CA-20/20 GOLD™ for ALL-IN-1 is a product of Computer Associates International, Inc. and is licensed and distributed under Digital Equipment Corporation's Standard Terms and Conditions.

CA-20/20 GOLD for ALL-IN-1 is an integrated program combining advanced spreadsheet capabilities such as consolidation and goalseeking with graphics, database management, word processing, ALL-IN-1, spreadsheet publishing, and external OpenVMS applications.

CA-20/20 GOLD for ALL-IN-1 offers OpenVMS users the ease of use, flexibility, and speed found in popular microcomputer spreadsheet packages. In addition, it supports important Digital standards such as DECwindows and the Compound Document Architecture (CDA).

CA-20/20 GOLD for ALL-IN-1 runs on a wide variety of Digital computers, and models can be moved between versions. This allows organizations to standardize on one spreadsheet package and permits OpenVMS users to distribute spreadsheet models to personal computers.

In addition to the base CA-20/20 spreadsheet, CA-20/20 GOLD for ALL-IN-1 consists of the following components.

CA-20/20 ALL-IN-1 Driver, V2.13

CA-20/20 ALL-IN-1 Driver offers ALL-IN-1 users the ease of use, flexibility, and speed found in popular microcomputer spreadsheets. The ALL-IN-1 Driver enables the CA-20/20 spreadsheet to utilize the familiar ALL-IN-1 interface and filing system. The interface is installed rather than operating as a guest application. The Interrupt menu can be invoked from within the CA-20/20 spreadsheet. Users can mail binary spreadsheets from the CA-20/20 spreadsheet.

CA-20/20 Database Connection™

CA-20/20 Database Connection allows fast and easy access to Rdb, DATATRIEVE, ORACLE®, INGRES®, and PowerHouse® databases. CA-20/20 Database

Connection is a user-friendly seamless interface that requires no knowledge of SQL or database language. The Database Connection makes the database an extension of CA-20/20. Users have direct access to the database without translators or intermediate files. Menus and prompts guide novice users through the query, telling what is stored. The user can construct a query to retrieve detail or summary data. SQL experts have an interface that allows construction of complex queries. Queries can be saved with the CA-20/20 spreadsheet and executed later without reinput. A query can refer to CA-20/20 spreadsheet results so the query result changes when the spreadsheet changes. Security can be set to restrict access to specific databases and set limits on the maximum number of records selected. Users can only issue queries and cannot change or damage the central database.

CA-20/20 WP Connection™

CA-20/20 WP Connection allows CA-20/20 spreadsheet users to interface with WPS-PLUS, MASS-11, and WordPerfect™. The CA-20/20 WP Connection lets CA-20/20 users bring numbers and text together easily and effectively. Users can pass information directly between CA-20/20 and the word processor from the CA-20/20 command line without creating intermediate files or disturbing existing formats and layouts.

The CA-20/20 WP Connection allows users to import documents directly into the CA-20/20 spreadsheet without creating ASCII files. Information exchange is achieved in just a few keystrokes.

The CA-20/20 WP Connection has an automatic formatting mode for users who execute frequent routine reports and presentation tasks. CA-20/20 creates rulers that preserve the layout of the worksheet when exporting data to the word processor. A worksheet can be placed directly into a document. A CA-20/20 WP Connection interprets existing rulers and tabs when importing documents from the word processor. Numbers from the document can be used immediately in the CA-20/20 spreadsheet.

CA-20/20 OpenLink™

CA-20/20 OpenLink allows users to link CA-20/20 to programs using high-level languages including C, FORTRAN, and COBOL. OpenLink permits users to replace complex formulas with simple functions that link to external data. OpenLink links the customized programs to CA-20/20. OpenLink opens the CA-20/20 spreadsheet to user-developed applications and industry specific functions.

Features

- Screen-oriented, menu-driven.
- Online tutorials, context-sensitive Help.
- Utilize computer systems throughout the corporation.
- Transport models—not just data—from one computer system to another.
- Link multiple spreadsheets permanently in a 3D fashion.
- Backsolve a model to a desired target value through goalseeking.
- Read, write, and consolidate Lotus® 1-2-3® and Excel® files.
- Use noncontiguous range for data and manipulation.
- File Locking to allow intelligent and secure sharing of spreadsheet files.
- Search and replace functionality for text strings, cell references, function names, named ranges, numbers, etc.
- Connect to the popular database products Rdb, DATATRIEVE, PowerHouse, ORACLE, and INGRES.
- Connect to the popular word processing products WPS-PLUS, WordPerfect, and MASS-11.
- Manipulate spreadsheet data and see it graphed simultaneously with up to four windows in the same screen.
- Support for CDA includes the ability to read and write DTIF files. CA-20/20 graphs can be saved as DDIF files.
- Integrated Auditing facility including spreadsheet and macro debugging environment.
- DECwindows support includes the following features.
 - CA-20/20 windows are full resizeable.
 - Mouse Support for range and menu selection.
 - Access to CA-20/20 commands via graphical pull-down menus, dialog boxes, or "quick buttons."
 - Scroll bars for spreadsheet navigation.
 - Supports native DECwindows graphic protocols.
- Build applications with advanced macro language:
 - Keystroke and command macros.
 - Spreadsheet resident and nonresident external macros.
 - Extensive error handling macros.
 - Interactive user input, menu and branching capabilities.
- Build applications with both resident (on-screen) and nonresident (external) macros.
- Extensive printing and plotting capabilities:
 - Print or plot spreadsheets and graphs to most standard Digital devices.
 - Support of printing standards such as sixel, ReGIS, TEK, HP-GL®, and PostScript®.
- Spreadsheet publishing:
 - Output desktop publishing quality spreadsheets for reports and presentations.
 - Add fonts, shading, outlines, dropshadows, grids, and color to spreadsheet output.
- Graph types, including pie, exploding pie, line, comparison, stacked, bar, XY, overlay-horizontal, or vertical.
- Support color devices.
- Named ranges.
- Range commands including format and move.
- Sort, find, extract, and tabulate up to 8,192 records.
- List key for listing and selecting file names and named ranges.
- Iterative recalc option to solve simultaneous equations.
- On-screen column and row borders suppression.
- Expanded error reporting.
- Project modeling to calculate critical path and slack time.
- 86 functions including

Absolute	If-Then-Else	Text
Present Value	Internal Rate of Return	Trigonometric
Standard Deviation	Month	Link
Future Value	CTerm	Exponent
Day/Date	PI	HLookup
Log	Depreciation	
String Functions	Periodic Payment	
- 1,000 × 8,192 matrix.
- Cell and range naming.
- Natural mode recalculation.

- Execution of OpenVMS commands or other programs from within CA-20/20.
- ALL-IN-1 features including
 - Full file cabinet support.
 - Support of GOLD KEY conventions.
 - Interrupt Menu Support from within CA-20/20.
 - Electronic mailing of binary spreadsheet models.
 - Scratchpad support for mailing text and data to other applications.
 - Recall Index.
 - Index.
- Database Connection functions including
 - Table, Field, and Record Selection.
 - Sorting.
 - Automatic cell formatting by data type.
 - Preview capability.
 - Context-sensitive menu.
 - Spreadsheet Query Building interaction.
 - Query storage and repeat use.
 - Online Help.
 - Extensive Validation.
 - Access security.
- OpenLink Developer's Toolkit complete with documentation and sample OpenLink functions written in C, FORTRAN, and COBOL programming languages.
- Support for any OpenVMS programming languages which conform to Digital's Common Language Environment.
- Consistent user interface to external applications in the same manner as internal CA-20/20 functions.

Note: Digital does not sell or support CA-20/20 Database Connection to SYBASE® and CA-20/20 WP Connection to WordMARC.

HARDWARE REQUIREMENTS

Any valid VAX system configuration with

- 4 Megabytes of RAM
- 9,800 blocks of disk space for loading
- 831 Global pages and 2 Global sections of memory

OPTIONAL HARDWARE

- ReGIS VT125 or VT240, VT241, VT330, VT340
 - Note:** One of the terminals listed above is necessary to utilize the graphics portion of CA-20/20.
- LVP16, HP7475A, and HP7550 plotters
- LA, LA100, LQP02, LN03, LN03 PLUS laser printer, LJ250 PostScript device

SOFTWARE REQUIREMENTS

- OpenVMS Operating System V5.2 at a minimum

OPTIONAL SOFTWARE

- DEC Rdb V5.1 for OpenVMS VAX
- VAX DATATRIEVE V5.1
- VAX CDD/Plus V4.3
- DECdx/VMS V1.2
- WPS-PLUS for OpenVMS V4.0
- ALL-IN-1 Integrated Office System Server for OpenVMS VAX V3.0
- INGRES V6.0
- MASS-11 V5-C
- ORACLE V5.1.22 or V6.0
- PowerHouse V5.04
- WordPerfect V4.0

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

9-track 1600 Magtape, TK50 Cartridge

ORDERING INFORMATION

Software Licenses: QL-YQJA*-**

Software Media: QA-YQJA*-**

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

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