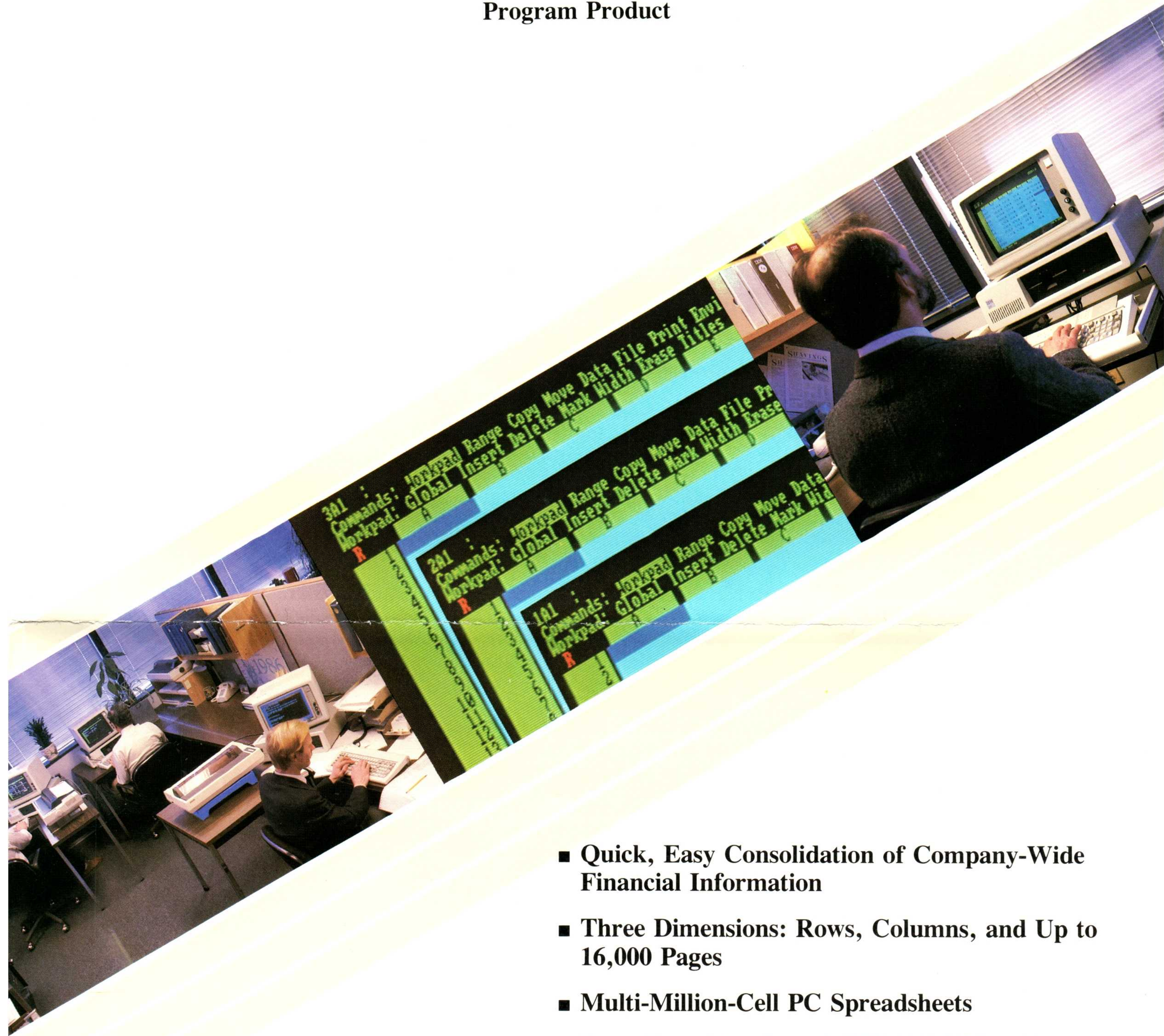


BOEING® CALC

The Power Spreadsheet
Program Product



- Quick, Easy Consolidation of Company-Wide Financial Information
- Three Dimensions: Rows, Columns, and Up to 16,000 Pages
- Multi-Million-Cell PC Spreadsheets
- Easy Transition from LOTUS 1-2-3® and Other Popular Spreadsheet Systems



BOEING COMPUTER SERVICES
A Division of The Boeing Company

When you have more spreadsheet information than you have spreadsheet software, you need BOEING® CALC, the three-dimensional spreadsheet processor.

Boeing® CALC is a state-of-the-art spreadsheet processor that represents a major breakthrough for financial analysts and other spreadsheet users who have discovered the limitations of two-dimensional systems. Boeing CALC is a revolutionary software product that gives you larger-than-memory spreadsheets and adds a *third dimension* to analysis and summaries. That third dimension gives you multiple pages in a single file, up to 16,000 of them, in addition to the rows and columns offered by other products. And, Boeing CALC combines the convenience of working in three dimensions with in-memory execution speeds comparable to LOTUS 1-2-3®

The three-dimensional advantage. The three-dimensionality of Boeing CALC offers distinct advantages over two-dimensional systems like LOTUS 1-2-3 and Symphony®. If you've ever tried to fit a three-dimensional problem onto a single-page system, you know how difficult it is. You have to divide that one page into multiple worksheets, then search your entire file for the needed information. A two-dimensional system makes your data both difficult to address and hard to maintain.

With Boeing CALC, you make each worksheet one page in a single file. You can execute commands and calculations between pages just as easily as on the same page. You don't even have to make the pages look alike: just relate the desired cells with simple arithmetic expressions. And because you can put all related data into one file, you can analyze and consolidate it quickly and easily.

Power and size. If you find that conventional memory-bound, single-page spreadsheets are no longer capable of handling the increasingly complex analyses you have to perform or the ever-

MULTIPLE PAGES

Division 1					Division 2					Consolidated				
	A	B	C	D		A	B	C	D		A	B	C	D
1					enue	10	30	40		enue	20	60	80	
2	Revenue	10	30	40	enue	130	80	210		enue	190	130	320	
3	Revenue	60	50	110	enue	40	10	50		enue	60	20	80	
4	Revenue	20	10	30	enue	20	30	50		enue	30	40	70	
5	Revenue	10	10	20	tal	200	150	350		tal	300	250	550	
6	Total	100	100	200										

Page 1
Column D
Row 6

Page 2
Column D
Row 6

Page 3
Column D
Row 6

= 1D6 + 2D6

Boeing CALC makes large roll-up consolidations easier than ever before. As shown here, you simply address the cells you want consolidated (even when they are on different pages), and Boeing CALC enters the total on the consolidation page.

growing planning and consolidation needs of your corporation, Boeing CALC is the answer.

LOTUS 1-2-3 and Symphony are restricted to random access memory, so when their size exceeds RAM limits, it is necessary to break up a spreadsheet into additional files. This problem persists even if you purchase expensive memory expansion boards: conventional spreadsheet software is not designed to take full advantage of the extended memory capacity. Boeing CALC is not limited by RAM capacity. Because it uses on-line storage as well as RAM, you can store up to 32 megabytes of data in a single file.

Easy transition from other systems. Boeing CALC reads and writes LOTUS 1-2-3 (Release 1A and 2) and Symphony work files, so you simply load your current files into your new Boeing CALC system. As a result, if you are currently using a conventional spreadsheet system, you don't have to rekey existing files to use them with Boeing CALC. Further, Boeing CALC users who are familiar with traditional spreadsheet software adapt readily to the system, because it uses a command structure similar to that of 1-2-3.

While Boeing CALC is a great system for financial analysts, it can

be used in a wide variety of other applications. Here are just a few examples:

■ Accounting

You can store all payroll data in a single Boeing CALC file: place all data related to each pay period on an individual page, then roll it up to the year-to-date page. If you need to make an adjustment, Boeing CALC recalculates all or part of the file. As a result, you can save considerable time, because you need recalculate only necessary cell ranges.

■ Marketing

The ability of Boeing CALC to perform global and selective "recalcs" makes it easy to do extensive what-if analyses, so you can quickly build and examine many alternative scenarios. It is the ideal tool for marketing groups to track and analyze cost scenarios and develop operation forecasts and plans. All data specific to one product can be stored on one spreadsheet page. And because the data is stored in a single file, you can easily consolidate it onto a summary page for product groups or total budget.

■ Pricing

Boeing CALC can be used to do local pricing analysis for bids and proposals. Extract the needed information from the pricing system data base and assign each component or sub-

assembly a page, then enter schedules, costs, and other information onto the appropriate page. Related pages can then be rolled up quickly and easily for a total view of the situation.

■ **Model Building**

You can use Boeing CALC to build decision support models. Modify assumptions, do "what-if" analyses, make comparisons, and prepare reports related to your marketing endeavors.

Highlights

Boeing CALC is three dimensional:

- It gives you up to 16,000 rows, 16,000 columns, and 16,000 pages
- It's ideal for use in multi-division, multi-product consolidation and analysis where multiple pages are required
- It's expandable: a page can be increased or reduced in size without affecting adjacent pages
- It allows quick, easy referencing of cells: when you calculate figures, you simply indicate the figures by cell number or by range, and Boeing CALC executes the calculation and places the total in the desired cell

Boeing CALC is larger than memory, so you can:

- Address problems most systems can only handle in portions
- Build PC spreadsheets as large as disk storage will allow: up to 32 megabytes

It complements two-dimensional systems:

- Boeing CALC reads and writes LOTUS 1-2-3 (Releases 1A and 2) and Symphony work files, as well as standard DIF and ASCII files, so you don't have to spend hours rekeying information
- The system also uses a command structure similar to that of LOTUS 1-2-3. Symphony and LOTUS users feel right at home

Boeing CALC is easy to learn and use:

- A tutorial included in the micro package demonstrates the system's functions

- Ease-of-use features include menu selection and functions that support finance, statistics, and general analysis, as well as context-sensitive help, to provide answers pertinent to the task you are performing

System Description

Boeing CALC:

- Supports 80X87 math co-processors for faster execution of recalcs
- Provides dynamic row, column, and space allocation: when a cell is selected, the system automatically supplies the required amount of space in a sparse-matrix configuration
- Features industry-standard top of the screen, two-tiered command menus
- Employs standard function keys and other popular features
- Gives you most popular spreadsheet functions, including net present value, future value, average, and sum
- Gives you foreground, background, and edge color control so you can highlight profit determinants and other critical information and accommodate CRT requirements
- Provides keystroke file storage capability that reduces many complicated tasks to macro operations
- Accesses disk storage automatically when you reach RAM capacity: no user intervention is required

Specified Operating Environments

Boeing CALC is designed to operate on the IBM PC/XT and PC/AT and many fixed-disk compatibles with a minimum of 384K bytes of RAM and monochrome or color graphics display

- The PC/XT and PC/AT will operate under PC/DOS 2.XX or higher

Installation Tasks

The user installs Boeing CALC using instructions provided in the Boeing CALC User's Manual.

Education

In addition to a complete set of instructions, the Boeing CALC package contains a tutorial diskette that shows the user how to construct a multi-page consolidation, step by step. Boeing CALC also features context-sensitive help for each command.

Warranty

Benefits of the Boeing CALC warranty include provisions for:

- Free replacement of any defective media (diskettes) for 30 days after delivery
- Correction of any substantial discrepancy in either the software or the documentation for 90 days after delivery, or at the option of Boeing Computer Services, refund of the license fee

Warranty protection is fully described in the software license agreement.

Program Services

Program services available to Boeing CALC users include telephone consultation and new releases of the software at no cost for 90 days after delivery. Additional program services (and costs, where applicable) are fully described in the software license agreements.

Basic Material

A Boeing CALC package consists of:

- Double-sided, double-density diskettes containing the Boeing CALC object code and a tutorial
- The Boeing CALC User's Manual
- The Boeing CALC command reference card

Ordering Information

To order Boeing CALC or to obtain further information, contact your authorized Boeing Computer Services software dealer.

To locate your authorized dealer (if not listed above) call 1-800-551-0800, ext. 12. (Outside the U.S. and Canada, call (206) 865-5000, ext. 12.) Or write:

Boeing Computer Services
Software and Education
Products Group
P.O. Box 24346
Mail Stop 7W-05
Seattle, WA 98124-0346



BOEING COMPUTER SERVICES

A Division of The Boeing Company

**SOFTWARE AND EDUCATION
PRODUCTS GROUP**

P. O. Box 24346, Mail Stop 7W-02
Seattle, Washington 98124

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