For Immediate Release

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WANG'S PACE/CULLINET CONNECTION
LETS VS USERS QUERY IBM MAINFRAME DATABASES

Lowell, Mass. (September 15, 1986)--Wang Laboratories, Inc., today announced the PACE/Cullinet Connection, a software package that allows Wang VS users to retrieve mainframe data for use on department-level VS systems.

The PACE/Cullinet Connection lets VS users access the most widely installed database management systems on IBM(R) or IBM-compatible mainframes. Users make their requests for information through the menu selection screens provided by the Query facility of Wang's Professional Application Creation Environment (PACE). The queries are automatically translated into a format that allows Cullinet's Information Center Management System (C/ICMS) to supply the information, which is then presented to the user in PACE format.

Corporate data retrieved from a mainframe through the PACE/Cullinet Connection can be combined with department-level information in Wang's PACE environment for further analysis. The data can also be used in Wang office automation and decision support applications on VS systems or Wang Professional Computers.

The PACE/Cullinet Connection will be available from Wang in December. Depending on the VS system on which it is installed, the PACE/Cullinet Connection software is priced at $5,000, $7,500, or $15,000.

"The PACE/Cullinet Connection is part of Wang's long-term strategy of information integration between the Wang VS and IBM mainframe environments."

said Martin L. Kaplan, department manager, Information Systems Product

Planning, Management, and Marketing. "It brings the power of corporate

information to department-level VS users, while allowing companies to leverage

their investment in existing hardware and applications.

"Users can reap immediate benefits," added Kaplan. "Both technical and

non-technical staff can be more productive if they share resources and

information and have access to mainframe-based production data. With

comprehensive and up-to-date information at their fingertips, they can also

make more-informed decisions."

Product Features

The PACE/Cullinet Connection gives VS users direct access to Cullinet's

Integrated Data Management System/Relational (IDMS/R) databases and IBM

Virtual Sequential Access Method (VSAM) files via C/ICMS. In addition, it

allows non-mainframe users to access extracts of VSAM files and of IBM

Information Management Systems (IMS), IBM Data Language 1 (DL/1), Cincom

TOTAL⁽ᴿ⁾, and IDMS/R production databases.

The PACE/Cullinet Connection offers easy-to-use, powerful query

capabilities. End users need not be familiar with the IBM or Cullinet

software environment. To view or retrieve mainframe data, they only need to

know the name of the PACE database that represents the Cullinet Information

Data Base (IDB) catalog on the mainframe, as well as the IDB user

identification and password. IDB is a component of Cullinet's C/ICMS.

The PACE Query menus for requesting mainframe data are the same as for

PACE databases, and the PACE/Cullinet Connection translates the resulting data

into PACE Query answer screens. Users can also join PACE and mainframe

databases in the same query.

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Once a query against mainframe data is complete. the PACE/Cullinet Connection gives users a number of options. Users can format the data into reports, using the PACE Report facility. If they save the output of the query, they can convert it into a VS 20/20™ spreadsheet or a Wang OFFICE message. They can also create a procedure that automatically runs the query and converts the results into a PACE table, which allows users to take "snapshots" of mainframe data on a regular basis for further processing in PACE.

Users can also transform the query result into a Wang Word Processing document, or graph it through the VS Graphics Facility. In addition, files can be converted for further processing on a PC via the PC/VS Data Exchange Utility.

The PACE/Cullinet Connection makes efficient use of mainframe system resources. PACE Query enables users to select only the records and fields they require. As a result, downloading of entire files from the IBM mainframe is unnecessary. The PACE/Cullinet Connection also promotes data security. Only the data the user needs and has authority to access is sent to the VS.

Four Components

Integration of mainframe and PACE data through the PACE/Cullinet Connection requires the PACE/Cullinet Connection software, VS 3274 Emulation Software, and PACE Query on the VS, as well as Cullinet's C/ICMS on the mainframe.

The PACE/Cullinet Connection software package serves as a bridge between the PACE Query facility and Cullinet's C/ICMS. Two utilities provided by the package establish the connections among the VS network software, the IBM system, and Cullinet's C/ICMS.

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   A transport utility stores network software information supplied by the

systems administrator. This information enables the PACE/Cullinet Connection

to use a communications link automatically every time a user decides to query

a mainframe database. A remote access utility allows the administrator to

define the IBM mainframe connections through a series of menu selections.
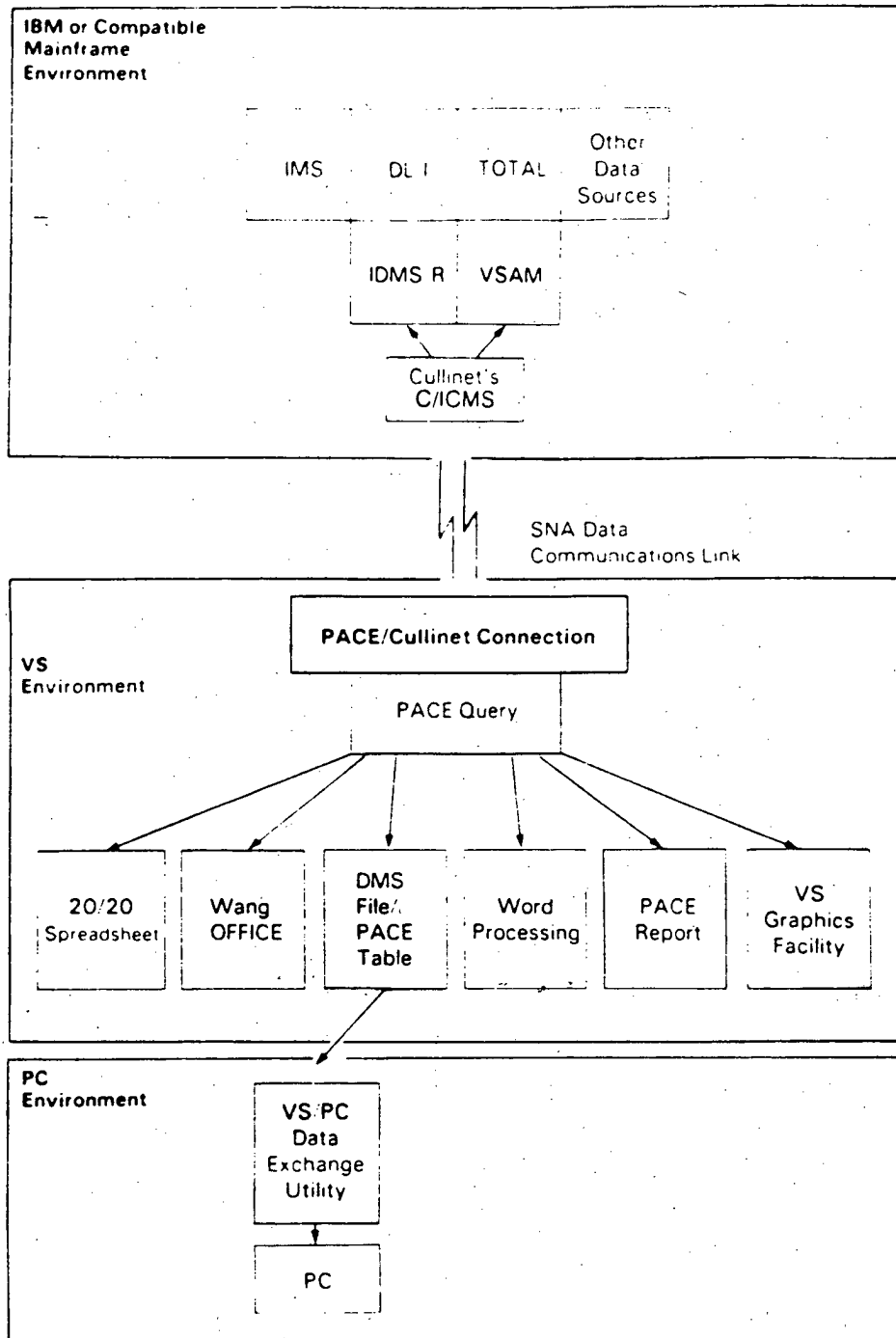
   Wang's VS 3274 Emulation Software provides the gateway through which the

PACE/Cullinet Connection routes requests for mainframe data.

   The PACE Query facility on the VS allows users to formulate their requests

for PACE data, mainframe data, or a combination of both.

   On the mainframe, Cullinet's C/ICMS provides the interface to corporate

databases. C/ICMS is a set of IBM mainframe tools that include the

Information Data Base (IDB), end-user computing facilities, and an open system

architecture enabling the PACE/Cullinet Connection to access mainframe data.

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The PACE/Cullinet Connection allows Wang VS users to access the most widely installed database management systems on IBM or IBM-compatible mainframes through Wang's Professional Application Creation Environment (PACE) and Cullinet's Information Center Management System (C/ICMS). Once a query against mainframe data is complete, users have a number of options. They can combine mainframe data with department-level information in Wang's PACE environment. They can also use the data in Wang office automation and decision support applications on VS systems or Wang Professional Computers.

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