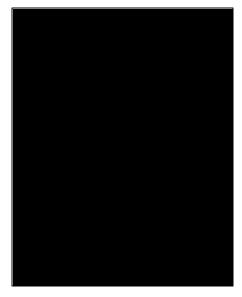
CaseHistory



AccesstotheglobalCodexnetworkis transparenttouserswithMacintosh computers.

CodexBringsItsGlobalNetworkto EveryMacintoshUser'sDesk

CompanyBackground

AsubsidiaryofMotorola, CodexCorporationmanufacturesdatacommunications equipmentandwideareanetworkmanagementsystems. Asasupplierofnetwork solutionsworldwide, Codexappreciates the importance of providing users with cost effective and efficient networking capabilities. Because its 3900 employees work at 69 directs ales and support offices on different continents, the company needed acohesive network that would allow every one to access E-mail services and corporate computing resources at its head quarters in Mansfield, Massachusetts.

Macintosh Solution

Codexhas 2200 Apple Macintosh personal computers, each of which can access the company's Digital VAX minicomputers and IBM 3084 main frame. According to principal communications specialist Robert Picchione, "We have one big network --that's the way we put it across to our users. We're gradually migrating to a more distributed processing environment, with Macintosh systems being the first step.

"Ourdecisiontostandardizeonthe Macintoshmeansuserscanaccessallkey informationsystemsinourorganization: IBM mainframes, VAX minicomputers, and other Macintosh computers. In addition, the ease of use of the Macintosh has enabled individual departments to develop their own applications formainframe access."

WorldwideSitesConnected

Internationally, satellite offices in each country are connected to that country's main office using Codex-manufactured X.25 or 19.2 Kbps dial-up connections. The main offices, intum, are connected to Codex head quarters using a subchannel of Motorola's worldwide T-1 and satellite network. The company's nine buildings in two Massachusetts cities are connected by voice and data T-1 lines, with plans to upgrade the main trunks of its network to digital service, providing speeds of 56 Kbps.

Electronic Mailand FileSharing

According to Picchione, "The Macintoshhasim proved the ability of people separated by wide distances to communicate."

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Toenable the company's 2000 E-mail users to be more productive, Codex has installed 50 Macintosh II computers throughout the world-one at each major site-as dedicated Microsoft Mail servers. The local servers ends the mail to the remote server automatically, freeing users from having to wait for low-speed telecommunications between countries.

Totransferlargefiles, Codexuses AppleSharefileservers. "We'rediscovering the advantages of AppleShare as an information distribution medium," says Picchione. "Because the Codex network is solarge, it is often more practical toposts ervice bulletins on the server instead of using E-mail." The corporate library uses Apple-Share as a bulletin board, posting company news briefs.

OtherMacintosh-to-HostApplications

MacintoshusersatCodexcanusenetworkgatewaystoaccessdatabasesanduse the customerservice application on VAX minicomputers, or they can connect to the main frame to use the company's order entry system.

Inaddition, departments have developed special Macintosh-to-main frame applications. For example, the sales department has written an application using ACIUS 4th DIMENSION and a terminal emulation program to download product information and to allow sales people in remote offices to access shipping schedules. The benefits are more accurate information for customers, fewer backlogged orders, and better customers ervice.

Macintosh:ChangingtheWayPeopleWork