Over time, all current client activity will migrate to the client/server SQL systems. DFAIT will preserve the legacy applications as an accounting back-end, thus avoiding the cost of rewriting many person-years worth of intricate accounting logic. With the financial data accessible in an SQL environment, users worldwide will gain direct access to "live" financial information to review budgets and to complete a transaction — for example, to purchase new office automation equipment or make a grant to a United Nations agency for peacekeeping.

Having proven the client/server platform with its core financial data, DFAIT is now moving aggressively to migrate the remainder of its systems to the growing corporate database. Already, a significant portion of the personnel database has been brought in, along with

Client/Server Solution Summary
Canada's Department of Foreign Affairs and International Trade (DFAIT)

Server Platform: Pentium™ processor-based Compaq ProLiant, Olivetti LSX 5030/LSX 5040 Symmetric Multiprocessor

Server Operating System: Microsoft Windows NT,* UNIX

Server Software: Microsoft SQL Server, Olivetti IBIsys X.400 MTA

Client Platform: DEC, SIDUS and other PCs

Client Operating System: Microsoft Windows*

Client Applications: Borland Suite: WordPerfect* for Windows, Paradox* for Windows, WordPerfect Presentations;* QuattroPro* for Windows; Visual Basic* front ends to custom corporate apps; Olivetti ICONDesk* native X.400 mail client

Network Operating System: Microsoft LAN Manager/X* 2.1, Microsoft LAN Manager and FTP TCP/IP

Network Topology: Ethernet*

"Most impressively, we obtain these results with a Pentium™ processor-based $40,000 server that's a fraction of the cost of a mainframe."

SIGNET Network

LEGACY FINANCIAL SYSTEM

Dumb Terminals

VAX/VMS

RPC

Transaction Server
Compaq ProLiant
Microsoft Windows NT
Custom Applications

Database Servers
Compaq ProLiant
Microsoft Windows NT
Microsoft SQL Server

Mission Servers
Olivetti LSX5030/LSX5040
UNIX
LAN Manager/X
IBIsys X.400 MTA

File Servers
Olivetti LSX5030/LSX5040
UNIX
LAN Manager/X
IBIsys X.400 MTA

HEADQUARTERS LAN
Ottawa, Canada

REMOTE MISSIONS

Workstations
DEC, SIDUS, or other PC
Microsoft Windows
Borland Suite, Custom Applications
Microsoft LAN Manager

Router

T1s, DSOs, VSAT, PSAT

Router

Workstations
DEC, SIDUS, or other PC
Microsoft Windows
Borland Suite, Custom Applications
Microsoft LAN Manager

Newbridge 3600 Technology

Router

Mission Servers
Olivetti LSX5030/LSX5040
UNIX
LAN Manager/X
IBIsys X.400 MTA

Workstations
DEC, SIDUS, or other PC
Microsoft Windows
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