TELEPATH

TelePATH Integrates NonStop and Windows Technologies.

TelePath extends the NonStop Pathway architecture to Windows PCs. It provides HP NonStop applications with access to services running on Windows systems by sending requests to PC-based Tele-Path Server Classes. TelePath will auto-matically find an available PC providing the requested service and will send the request to that PC.

There exists a growing need to modern-ize NonStop applications by integrating them with services commonly found on Windows systems but rarely if ever on NonStop servers. Examples of TelePath-supported services include email, in-stant messaging, PDF conversion, and encryption/decryption. TelePath is not limited to existing Windows applications. It can convert any Windows program in-to a service accessible through Pathway.

TelePath allows NonStop applications to access Windows services as if they were provided directly by Pathway server classes. Just as Pathway manages serv-er classes, TelePath manages pools of PCs that offer a common service. Serv-ice requests are distributed among the PCs in a PC server class to provide high performance and high reliability.

Benefits of using Telepath:

Best of Breed
TelePATH leverages the software tools available on the Windows platform, and provides a seamless approach to integrate NonStop applications with these tools. This enables a quicker implementation, providing a less expensive and highly compatible environment, all without sacrificing NonStop benefits.

End-to-End Reliability
TelePATH provides end-to-end connectivity with Windows servers based on Guardian concepts, including health-check message exchanges similar to Guardian's interprocessor "I'm Alive" messages. The result is a reliable message system.

Standard Pathway Interface
Since TelePATH Server functions as a Pathway Server Class, any application can take advantage of TelePATH by sending a standard Pathway IPC request and receiving a standard IPC response.

Key Features

- Encryption and decryption via PGP functions

- TelePATH has built-in error detec-tion and recovery. If a Windows server becomes unavailable

- Built on TelePath Architecture

- Authentication via digital signature

Specifications

- NonStop Server: D45+
  Network: TCP/IP
  Windows Server: WIN 2003, WIN 2008 and XP

Lehigh Valley Health Network

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The TelePath Process

applications

Pathsend requests

TelePath Servers

TelePath Server Class

NonStop Server

service request →
service response ←

TCP/IP

TelePath Agents   services

PGP IM

PGP SQL

IM SAP

SQL Email PDF

A TelePath PC Server Class