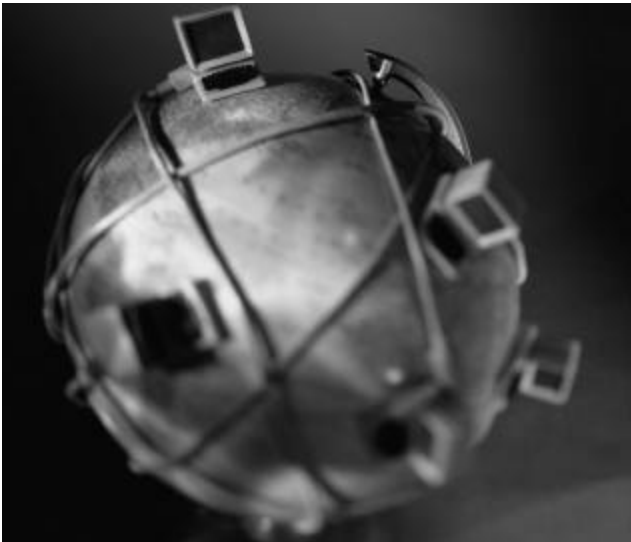


Cleo Gateway

SNA Access to Mainframes from Unix or TCP/IP LAN Environments

With more and more corporate users networking via TCP/IP and operating under multiple platforms, it's becoming critical that organizations provide access to 3270 applications beyond their SNA networks. Cleo® Gateway provides SNA access between Unix or TCP/IP LANs or WANs and mainframes.



A combined software-hardware solution, Cleo Gateway enables enterprise Unix servers to access and/or transfer legacy applications or data on IBM or IBM-compatible mainframes. Data usage can thereby extend within an entire organization.

The variety of emulations and Application Program Interfaces (APIs) that make up the Gateway allow users to customize a connection that meets specific business needs while still ensuring the broadest access possible. Hundreds of concurrent sessions can be managed over a wide range of connection options that include Token Ring, SDLC, Ethernet, X.25 or FDDI.

Multiple interfaces can be used in any combination according to network requirements for multiple mainframe access or redundant connectivity. A stand-alone Unix server can connect remotely using SDLC in point-to-point environments or over a corporate Frame Relay or satellite backbone providing more disaster recovery and backup coverage options.

Cleo Gateway's Client Server and TN Server allow users to extend access into intranets or extranets. Operation on a real-time basis and emulation of IBM 3x74 controllers, display stations and printers, allow users to enable all offices, not just mainframe headquarters, to get the most out of back-office systems.

Cleo Gateway runs on a wide variety of computers including:

- SCO OpenServer
- SCO Unixware
- Sun Solaris x86
- Sun Solaris SPARC
- IBM AIX and
- Linux (call for more information)

The Cleo Gateway package includes software and hardware and online HTML documentation. Ongoing technical support is also available for reasonable fees. All hardware is covered by a full one-year warranty and Cleo's 30-day money-back guarantee.

CLEO

PRODUCT SPECIFICATIONS

Cleo Gateway

TECHNICAL SPECIFICATIONS

3270 EMULATION

- IBM 3278 monochrome display terminals, Models 2-5
- IBM 3279 color display terminals, Models 2A, 2B, 3A and 3B
- IBM 3287 printers (LU Types 1 and 3) with output directed to program, spooler, printer or disk
- HLLAPI (High-Level Language Application Program Interface)
- File transfer via IND\$FILE for CMS, TSO, and CICS
- EAB (Extended Attribute Byte) support for four or seven colors
- Motif and character interfaces
- User-configurable keyboard mapping
- Support for international keyboards and character sets (15 languages)

3770 (RJE) EMULATION

- Communicates with mainframe Job Entry subsystems such as MCVS/JES2, MVS/JES3 and VSE/Power
- Can be configured to support RJE stations
- Each station supports up to five simultaneous host session and up to nine printers and nine punch output devices

5250 EMULATION

- Emulates IBM 3477 display stations in a motif environment
- LU6.2 data encapsulation between Unix and AS400 systems
- SCS printing encapsulated over LU6.2 includes support for IBM 3812 printers
- Supports 24x80 and 27x132 monochrome and color-screens
- Supports Token Ring frame sizes of up to 4Kb
- Emulate an unlimited number of 5250 session concurrently while running existing AS400 5250 applications

APPLICATION PROGRAM INTERFACES (APIS)

- All APIs support multi-threaded applications

APPC/CPI-C

- Support for IBM's Advanced Program-to-Program Communications API is provided, as well as support for IBM's Common Programming Interface for Communications API
- Syncpoint support available

LUA/LU 0

- Works at the request/response unit level to communicate with SNA host through LU Types 0, 1, 2, and 3
- Compatible with OS/2 Extended Edition LUA Version 1.2

ASUITE APPLICATIONS

- Standard IBM ASUITE Applications are available
- Each application includes a source program and a target program

ADDITIONAL FEATURES

- Advanced NetView Support
- Cleo NetView DM Client supports host-initiated, host-managed file transfer
- AS/400 file transfer support
- Downstream PU Support
- Support for IBM NetView, with configurable RTM (Response Time Monitor)
- Simple Network Management Protocol (SNMP) management over TCP/IP
- Unix and Windows client support
- V.25bis modem auto-dialing
- Menu-driven configuration



Online: www.cleo.com
E-mail: sales@cleo.com

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Cleo - Rockford, IL
Tel: 800.233.2536
Fax: 815.654.8294

Cleo - Ann Arbor, MI
Tel: 800.315.3849
Fax: 734.913.8125

Cleo - United Kingdom
Tel: +44(0).1344.775.374
Fax: +44(0).1993.776.899