

# Cleo Sun-to-Host Connectivity Solutions

*Linking Remote Sites Running Sun Servers and Workstations to Host Applications and Data*

**C**leo offers many proven ways to link remote sites running Sun Solaris systems (SPARC or Intel) to central host computers, especially IBM mainframe and midrange systems. Combining this technology with Cleo's specialized services and support results in a complete Sun-to-host connectivity solution.

## 3270 Connectivity for SNA

### Cleo SNA Gateway

Cleo SNA Gateway provides access to IBM mainframe data and applications from remote Sun servers through SDLC, Token Ring, or Ethernet connections. Users get full 3270 emulation and programmable interface support. The software includes these Application Program Interface (API) libraries: HLLAPI, CPI-C/APPC, and LUA.

## 3270 Connectivity via TCP/IP

### Cleo TN3270E

Cleo TN3270E enables Sun clients to establish IBM mainframe connections through a TN Server via TCP/IP. Cleo TN3270E goes beyond standard TN3270 emulation. It offers the HLLAPI library and support for LU Types 1 and 3 printing, plus 3270 keyboard options such as "SYS REQ" and "ATTN." Also, its LU naming feature enables users to request a specific LU or LU pool from the host.

### Cleo TN Server

Cleo TN Server provides a Sun Solaris-based gateway for TN3270 and TN3270E clients, allowing SNA mainframe access. It can connect remotely using SDLC for point-to-point environments, or over a corporate Frame Relay or satellite backbone using any of the supported link types such as SDLC, Token Ring, or Ethernet.



## Linking to AS/400 Midrange Systems

### Cleo 5250

Cleo 5250 connects Sun systems to IBM AS/400 midrange hosts, providing IBM 5250 terminal emulation through the APPC/LU 6.2 interface. Support for APPC/LU 6.2 is built into Cleo 5250—no expensive user licenses are required.

## Remote Job Entry

### Cleo 3770

Cleo 3770 enables distributed Sun systems to emulate IBM 3776 and 3777 Remote Job Entry (RJE) stations for fast, easy batch transfer in SNA networks via SDLC, Token Ring, or Ethernet. Cleo 3770 communicates with IBM host Job Entry Subsystems, such as MVS/JES2, MVS/JES3, and VSE/POWER. Included are an easy-to-use scripting language and modem auto-dialing features.

### Cleo 3780Plus

Cleo 3780Plus is the world's leading bisynchronous communications solution, with over 100,000 worldwide installations. It runs on virtually any computing platform, Sun or otherwise, and offers full IBM 2780/3780 BSC RJE emulation, an integrated API, simple scripting for unattended operation, and a communications line monitor for verifying transactions.

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## PRODUCT LINE OVERVIEW

# Cleo Sun-to-Host Connectivity Solutions

### Secure, Automated eTransfer

#### Cleo LexiCom

Cleo LexiCom lets companies securely transfer e-business documents to and from their widely distributed trading partners over the Internet and other specialized TCP/IP networks. LexiCom is offered in client and server versions, both supporting multiple computing platforms (including Sun) and multiple communications protocols (FTP, HTTP, AS2, and more). The built-in SSL/TLS protocol secures data transfers. Users can easily schedule and monitor unattended transmissions, and the software integrates via scripts or the command line with users' e-business applications.

### Asynchronous Communications

#### Cleo A+

Cleo A+ is a fast, flexible, and easy-to-use communications tool for all leading computing platforms, including Sun. The software provides terminal emulation and support for many file transfer protocols, with an Application Program Interface, scripting, and modem auto-dialing capabilities for unattended 24x7 operations. Encryption and logging features assure secure, reliable transactions.

### Making Sun-to-Host Connectivity Work

#### Services and Support

Cleo not only offers top-quality products, we also provide the specialized services and support needed to assure effective Sun-to-host connectivity solutions. We understand the interaction of remote and host systems in virtually any networking environment, and we offer expert consulting in network configuration and installation. Cleo connectivity solutions are backed by complete documentation and technical support. Optional services include onsite product training and custom application development.

#### About Cleo Communications

Cleo Communications provides reliable, secure data transfer products and services that enable users to easily establish and manage communications sessions, and easily integrate these solutions into their mission-critical e-business applications. Customers in the manufacturing, retail, health-care, and financial services industries, among others, rely on our products and services to help them achieve complete, automated, point-to-point data transfer solutions.



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