

ControlTower™ 3.L

Console Management System

FABRIC & CONNECTIVITY DIVISION



- Local or remote console access via serial connections to headless servers and other devices
- Remote access via TCP/IP or modem connection to the host
- Hardware certified against spurious break signals
- Up to 128 ports per host
- Complete console logs
- Secure, encrypted access to remote systems using up to 128-bit Twofish encryption
- System access can be restricted by IP address, password, or Unix account
- Many levels of filtering and access logging

ControlTower 3.L is a robust console management system which is ideal for mission-critical applications requiring maximum uptime and minimal user support.

Large-scale applications of ControlTower 3.L can be found worldwide in a range of industries, including:

- Financial services
- Telecommunications
- Manufacturing
- Education
- ISPs
- Data centers
- Colocation facilities
- Remote management outsourcing

ControlTower 3.L Console Management System enables systems administrators to manage hundreds of serial consoles from anywhere, at anytime.

ControlTower 3.L provides a reliable time and cost saving solution for monitoring and controlling multiple devices through an RJ-45/DB-25 interface from a central location or by remote access. It enables a single Linux based system to function as a common console (monitor and keyboard) for managed devices. ControlTower 3.L is integrated into the distributions of Mandriva, RedHat, and SuSE.

ControlTower 3.L uses Pluggable Authentication Modules (PAM) to authenticate users, giving systems administrators flexibility.

ControlTower 3.L also features breakthrough security options, error handling, and logging features for greater customization and flexibility.



—innovative engineering, dependable products—

Carlo Gavazzi Computing Solutions designs and manufactures standard and custom AdvancedTCA™, CompactPCI®, PCI/ISA, and Switch Fabric backplanes, cabinets, enclosures, I/O boards, and integrated systems that address your outsourcing and time-to-market needs.



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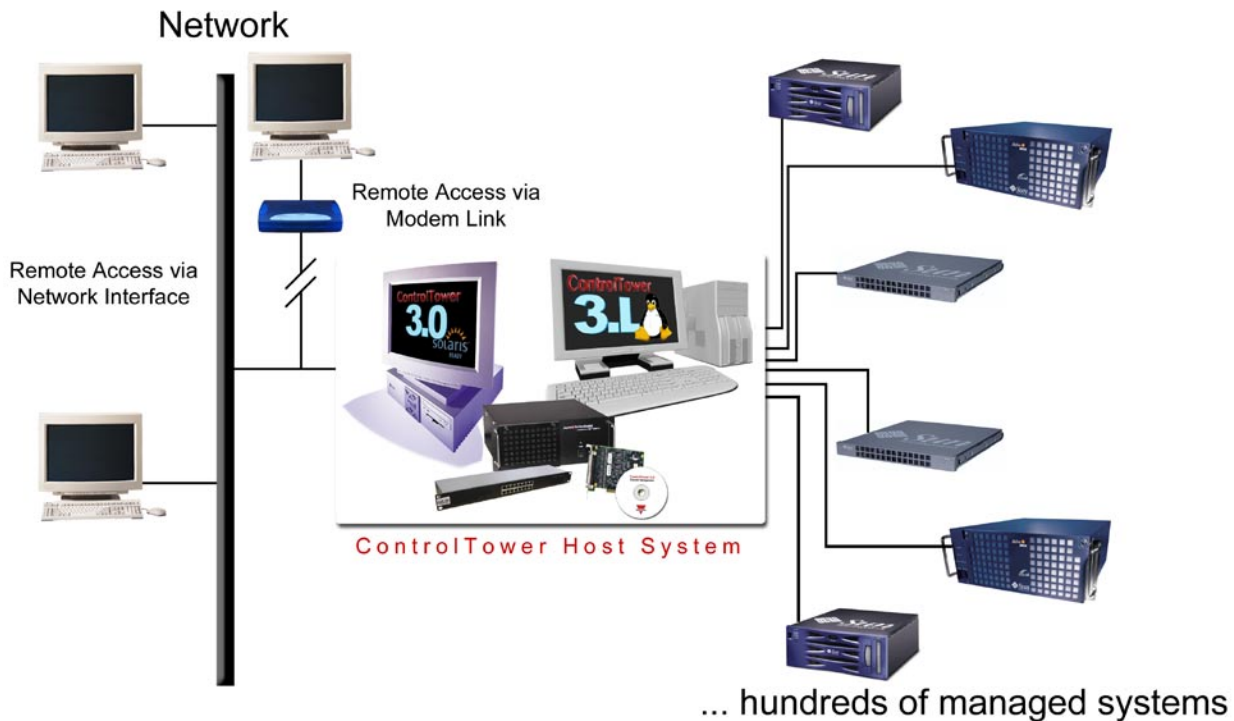
Fulfillment



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Minimum System Requirements

Host	Linux x86 system
OS	Mandriva, RedHat, and SuSE
Memory	128 MB RAM (minimum)
Disk Space	5 MB free in/opt; 50 MB free in /var
Serial Controller	Aries 8000P (8 ports) and 16000P (16 ports); XP-7R (rackmount, 7 slot PCI expansion chassis); XP-3SB (3 slot PCI expansion chassis)
Disk Space	400 Mbytes minimum

Software User Licenses

Software user licenses available for 16, 32, 64, and 128 serial ports.
Software upgrades available in 16-port increments.

Part Numbers

ControlTower 3.L Software Only	
93-30011-00	16-managed system (port) license
93-30016-00	32-managed system (port) license
93-30017-00	64-managed system (port) license
93-30012-00	128-managed system (port) license
93-30008-00	16-managed system (port) license upgrade

ControlTower Console Management System is sold under a Host-ID license agreement. ControlTower software comes with both Host and Viewer software. Each host system requires one user license. The Viewer Software may be copied and installed on as many systems as required by user.

ControlTower bundled configurations include one (1) year maintenance on the ControlTower software. This includes telephone support, upgrades on standard revisions of software, and the standard warranty on all PCI cards, as well as one (1) year rapid replacement warranty.

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