

Commander Nexus Call Control System



Commander Nexus

Science Dynamics Corporation (SciDyn) is proud to introduce the next generation of Call Control platforms. The Commander Nexus allows service providers to manage multiple facilities from one central location, dramatically improving reliability and reducing costs.

The Nexus is built on a Carrier class cPCI platform. It can be used to provide high dollar features to small facilities which were previously cost prohibitive, or provide carrier grade reliability to the largest facility.

The Nexus provides a wide array of editable call control capabilities, advanced call monitoring and integrated voice recording with no onsite equipment. The system features SciDyn's patented three-way call detection technology with 36 tunable parameters that test the call path end-to-end and reduce the potential of fraudulent activities.

The web based AdminManager application provides system administrators with real-time access to call databases and call detail records for their facility via internet. Every Commander Nexus chassis manages up to 80 T1 spans. Multiple chassis can be networked together to provide statewide, multiple facility call control service for tens of thousands of lines.

SciDyn has been providing call control solutions since 1986 and is now serving thousands of inmate phone lines nationwide. Please contact us for more information at (856)-910-1166 or sales@scidyn.com.

Standard Features:

- Multi Facility support
- Carrier Grade cPCI Chassis
- Patented 3-way call detection
- Cut-off keys for phone shutdown
- Personal Identification Numbers (PINs)
- Remote diagnostics
- Detailed system operation logs and reports
- Customized announcements
- Multiple language support
- Automated operator services
- Tiered security access control
- Positive DTMF call acceptance
- Flexible telephone service scheduling
- Call limits by usage and frequency
- Allowed destination numbers by PIN
- Call allow tables
- Call restriction tables
- Remote called party blocking
- Call duration timing
- Free call capabilities
- Programmable speed dialing
- Detailed call records
- Customizable billing formats

Optional Features:

- Integrated voice recording
- Blended debit/collect calls
- Live monitoring
- Line concentration
- Voice over IP
- Debit Cards



Commander Nexus Specification Sheet

Specifications

Size: 5.25" (133.35mm) high (3U), 18.90" (480mm) wide, including mounting flanges, 15.00" (381mm) deep, from mounting flanges

Weight: Approx. 30 lb. (13.6kg) unloaded, 35 lb. (15.9kg) fully loaded

Mounting: Rackmount per EIA Standard RS-310-C in 19" rack, or in 23" rack with mounting brackets

Slots: Four (CPX1204/1204T) or five (CPX1205/1205T) 4HP CompactPCI slots including:

One system processor slot

Three or four hot swap I/O slots

One drive module slot (CPX1204/1204T only)

Five 80mm transition slots, IEEE 1101.10 compatible

One unused 6U slot and transition slot for disk expansion and/or cable routing

Power Supplies: Front accessible with blind mate connections to backplane and power input module

Fans: Four 12VDC, 60mm x 25mm, 25CFM axial fans; front accessible and hot swappable, with fault detection and filter option

Air flow: Two front inlet fans and two rear exhaust fans in a push-pull, N+1 configuration

ESD Ground: Two ESD ground points, one front and one rear

Earth Ground: Two points at rear, per NEBS requirements

Metal: Cold rolled steel

Metal Plating: Zinc chromate, clear



CORPORATE HEADQUARTERS

Science Dynamics Corporation

7150 N Park Drive Suite 500

Pennsauken NJ 08109 USA

Tel: 1-856-910-1166 • Fax: 1-856-910-1811

E-mail: sales@scidyn.com