

CONTEX Summit® MC

Access system configurations, monitor system ports, and manage system blades with the Maintenance Client (MC)

Multi-level system display tree

Remote Management

Real-time system status

Alarm notification down to the span level

System Configuration

Embedded echo cancellation & suppression

Configuration backup / restore

System messages management

The CONTEX Summit® system incorporates full-time, real-time diagnostic processes that monitor and test the individual system blades on a continuous basis. The CONTEX Summit also supports remote management capabilities that include alarms management, system configuration, and maintenance and diagnostic through the MC. The MC, which links to the Summit via a TCP/IP connection, is not required for system operation.

View System Activity

The Maintenance Client Console window is used to access critical information about the CONTEX Summit. Swiftly maneuver through inner workings of the system from this single location.

- **System Status bar:** View real-time data on the severity, number and status of all alarms as well as information on the system itself (name and IP address), current user, and the date and time.
- **Function buttons:** Quickly retrieve system logs, edit system wide configurations, create system backups, manipulate ports and access other customizable features.
- **System Display Tree:** Smoothly navigate between the System level, Rack level, Slot level, and Span level.

The screenshot shows the 'CONTEX SUMMIT Maintenance Client Console' window. On the left is a tree view of the system configuration, including 'System', 'Rack 1', 'LIF 1-3', 'Span 1-3-1 CSD Span1', 'Span 1-3-2 ABC Compe', 'Span 1-3-3', 'Span 1-3-4', 'Span 1-3-5', 'Span 1-3-6', 'Span 1-3-7', 'Span 1-3-8', 'LIF 1-5', 'Span 1-5-1 CSD VoIP', 'VSM 1-7', 'AEM 1-9', and 'CPID 1-17'. The main area displays the 'Ports / Parties' table with columns: Port ID, Port State, Party ID, Party State, Call Origin, VP Mode, and Source Number. The table contains two rows of active calls: one for Port 1-3-1-1 (IDLE) and one for Port 1-3-1-2 (CONNECTED, Party ID 2844, Call Origin NETWORK, VP Mode TALK/LISTEN, Source Number 412010016). Other ports are listed as IDLE. Below the table are control buttons for 'Call Control' (PICKUP, DISCONNECT, PLACE CALL, BREAKDOWN SET, MUTE, UNMUTE, JOIN OPERATOR, RELEASE OPERATOR) and 'Summation Set Control'. The status bar at the bottom shows 'Major Alarms: 0', 'Minor Alarms: 1', 'Unacked Alarms: 1', 'System: McKinley', 'User: dana', and '6/10/2009 12:00 PM'.

Maintenance Client Console Window



Standard MC Features

- Port Maintenance
- Port/Party Configuration
- Span, Trunk, Codec Configuration
- Rack/Slot Configuration
- Automatic Gain Control
- Nominal Gain Control
- Alarm Messages
- System Configurations
- ACL System Management
- Audio Messages Management
- Configuration Backup / Restore
- Alarm Logs
- Port Probe
- Performance Monitoring Statistics
- Span Status
- Power Supply Configuration
- Active (module) Applications Management
- Span Busy/Unbusy Capability
- SNMP Configuration

Configurable Platform Specifications

- DTMF Suppression (Tone Block)
- Embedded Echo Cancellation
- Embedded Echo Suppression
- Noise Filtering
- Full Duplex Conferencing
- Complete Digital Conferencing and Clarity
- Silent Intruder Detection

System Requirements

CONTEX Summit® Media Processor

MC PC Specifications

- Processor: Pentium IV 1.4 Ghz (minimum)
- Memory: 256 MB RAM (minimum) - 512 MB RAM (recommended)
- Hard drive: 160 GB hard drive (minimum)
- Display: SVGA video interface (capable of 1024 x 768 resolution)
- Operating System: Windows 2000, XP, or Vista
- Disk Drive: CD-ROM

Connectivity

- Minimum Bandwidth Requirements: 500 Kbps
- Tolerable latency between MC & Summit: up to 120 ms
- Network Connectivity: TCP/IP or LAN/WAN

Related Products

- Summit WOC
- CONTEX Report™
- Automatic Conference Linking
- CONTEX Xtend™

Configuration Related Capabilities

- **System Options:** Define and set critical slot properties, monitor alarms, access summaries of current activity within the system, and configure spans, trunks, and codecs.
- **Backup:** Efficiently backup and restore configuration files that have been copied to either a user PC or to the media processor itself.
- **Automatic Gain Control:** Enable audio input/output from each port to be automatically adjusted to provide a consistent audio level among conference participants.
- **System Messages:** Listen to, upload, and configure Standard and Custom messages with ease.

Monitoring Capabilities

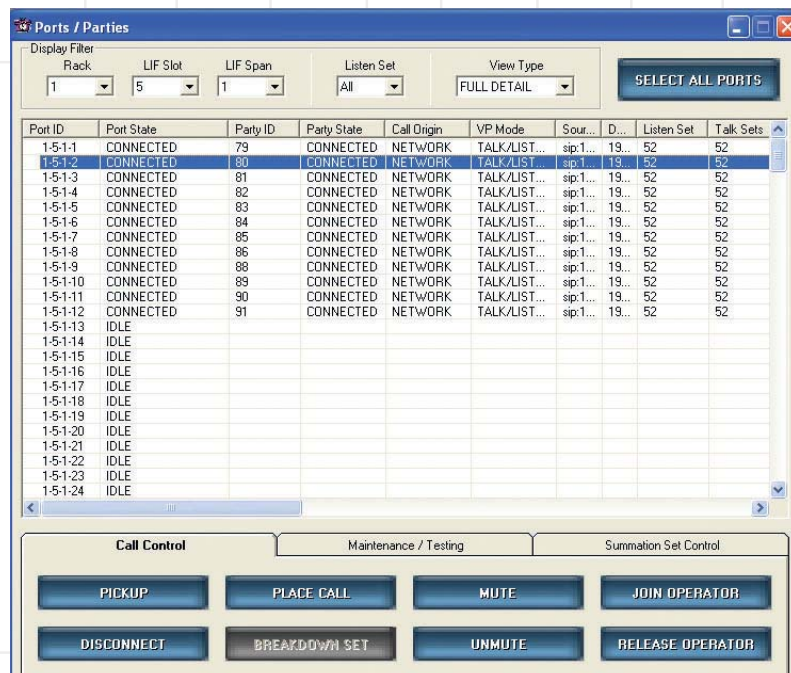
- **Logs:** Quickly access information about the changing status of the media processor. Track system messages and view a detailed history of all system alarms.
- **Alarms:** Receive detailed information on the source, description, level, date and time, and state of any alarms.

Diagnostic Capabilities

- Conduct testing on ports, monitor their response, and perform system troubleshooting.

Simplify Control with the Ports/Parties Window

The starting point for monitoring and reconfiguring any of the CONTEX Summit system's ports, this resourceful window displays the status of all configured ports including port state, party ID, and the assigned voice path (VP) mode of any conference participant. The window enables users to view all ports within a rack or to view a specific LIF or Span.



- **Call Control:** Manage the maintenance operator's listen set, place calls for test purposes, mute/unmute parties, and more.
- **Maintenance/Testing:** Probe lines for noise, play a message set or music, make conference recordings, and perform port-level maintenance all from this user-friendly interface.
- **Summation Set Control:** Easily establish, manipulate, or breakdown summation sets.