

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

CONTEX Summit® 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

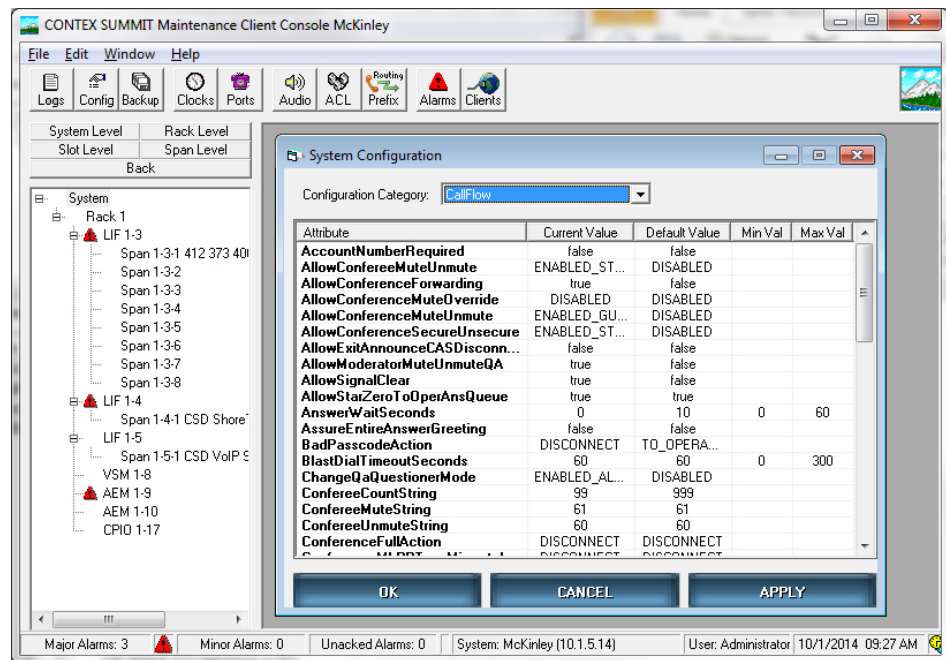
System Messages Management

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. Although not required for system operation, the MC, which links to the Summit via a TCP/IP connection, is a key component of the Summit application suite.

View System Activity

The Maintenance Client Console window is used to access critical information about the CONTEX Summit, conduct testing on ports, monitor port response, and perform system troubleshooting. 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.



Maintenance Client Console Window

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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
- VoIP Call Quality

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, 2003, 2008, XP, Vista, 7, or 8
- 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. Allow for a wide variety of customization in system settings and behaviors.
- **System Messages:** Listen to, upload, and configure Standard and Custom messages.
- **Network Time Protocol Service (NTP):** NTP synchronizes the system time to an external time reference. This service allows multiple systems, and all boards within a system, to have their clocks synchronized to within a few milliseconds of each other.

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.

Simplify Control with the Ports/Parties Window

The starting point for monitoring and reconfiguring any of the system's ports, this window displays the status of all configured ports including port state, party ID, and the assigned voice path (VP) mode of any conference participant.

- **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.
- **Summation Set Control:** Easily establish, manipulate, or breakdown summation sets.

Port ID	Port State	Party ID	Party State	Codec	Call Origin	VP Mode	Listen Set	Talker
1-5-1-1	CONNECTED	2583	CONNECTED	PCMU	NETWORK	MONITOR	1457	
1-5-1-2	CONNECTED	2584	CONNECTED	PCMU	NETWORK	TALK/LIST...	1457	
1-5-1-3	CONNECTED	2585	CONNECTED	PCMU	NETWORK	MONITOR	1457	
1-5-1-4	IDLE							
1-5-1-5	CONNECTED	2587	CONNECTED	PCMU	NETWORK	ENUNC_1		
1-5-1-6	CONNECTED	2588	CONNECTED	PCMU	NETWORK	MONITOR	1457	
1-5-1-7	CONNECTED	2589	CONNECTED	PCMU	NETWORK	TALK/LIST...	1457	
1-5-1-8	CONNECTED	2590	CONNECTED	PCMU	NETWORK	TALK/LIST...	1457	
1-5-1-9	CONNECTED	2591	CONNECTED	PCMU	NETWORK	ENUNC_1		
1-5-1-10	CONNECTED	2592	CONNECTED	PCMU	NETWORK	MONITOR	1457	
1-5-1-11	CONNECTED	2593	CONNECTED	PCMU	NETWORK	TALK/LIST...	1457	
1-5-1-12	IDLE							
1-5-1-13	IDLE							
1-5-1-14	IDLE							
1-5-1-15	IDLE							

Call Control | **Maintenance / Testing**

PICKUP | PLACE CALL | MUTE | JOIN OPERATOR

DISCONNECT | BREAKDOWN SET | UNMUTE | RELEASE OPERATOR

Ports/Parties Window