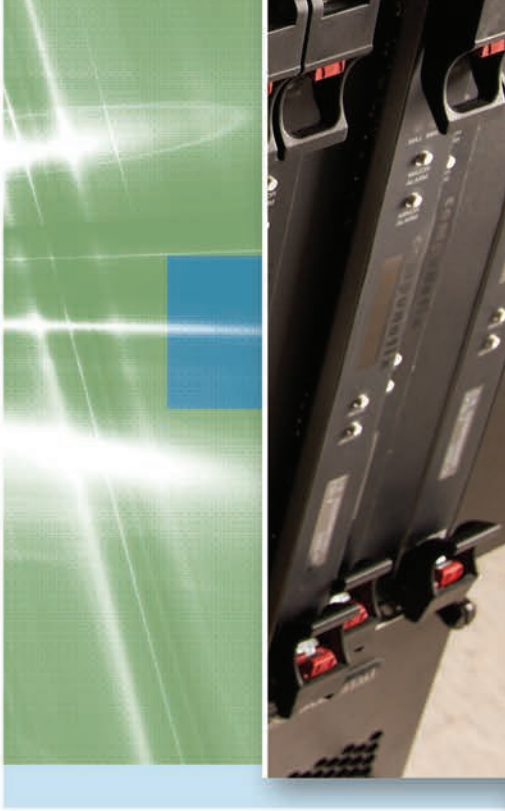
CONTEX Summit®

CONFERENCING SOLUTIONS

compunetix

the technology of cooperation

CONTEX Summit®



Elevate your Conferencing. Meet on the Summit.

Meetings and conferences are about communicating. They're about delivering a clear message and driving toward consensus. They're about informing, explaining, deciding and presenting ideas to groups of people at the same time.

Effective communication increases productivity, enhances business activities, and drives down costs.

Communication is flexible. It can be planned, fixed – scheduled. Or, it can be spontaneous, ad-hoc – on demand.

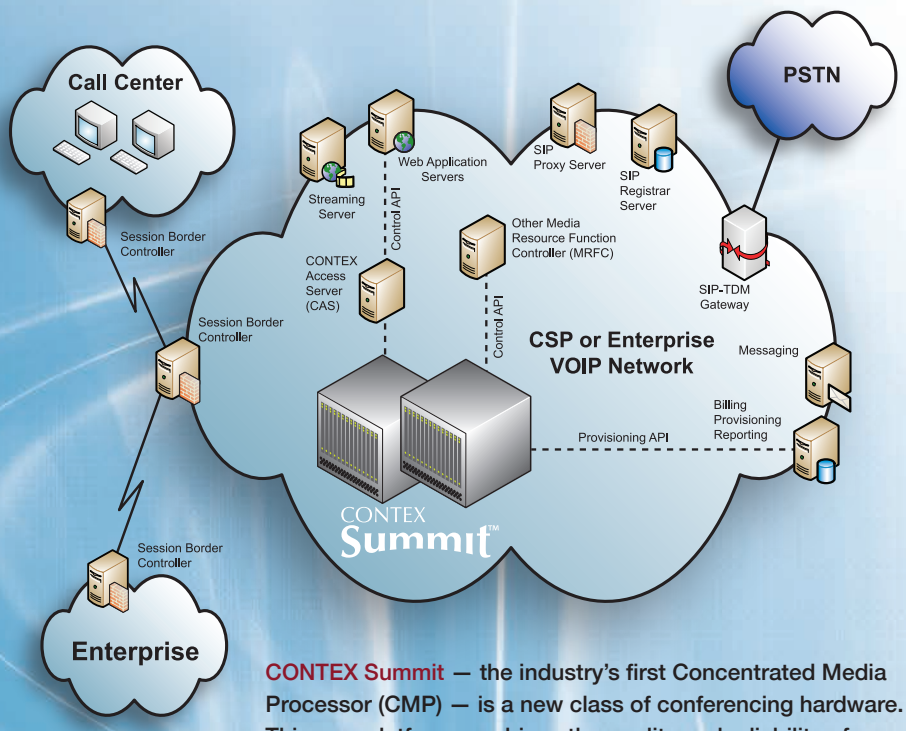
Communication evolves and grows; changing locations, venues, mediums, networks, and media.

Collaborative Communication.
Many forms. Many applications. Many opportunities.

CONTEX Summit — one conferencing system — a collaboration platform for communication without limits.

• Expand Markets • Increase Revenues • Decrease Costs

One media processor that spans all conferencing markets. Regardless of your collaboration needs, the CONTEX Summit is the only platform required. It combines an almost unlimited capacity with carrier class reliability, VoIP and TDM connectivity, rich features, and a small footprint. The Summit allows users to "meet" anytime, from anywhere in the world over the telephone or Internet, with or without reservations.



CONTEX Summit — the industry's first Concentrated Media Processor (CMP) — is a new class of conferencing hardware. This new platform combines the quality and reliability of traditional conference hardware with the scalability and flexibility of a media server to bridge the transition from circuit switched to packet-based telecom networks.

RICH FEATURES

The Summit is feature rich and offers the most comprehensive set of audioconferencing collaboration capabilities available.

CONTEX Summit solutions incorporate capabilities such as:

- Customizable IVR
- Digital audio recording
- Web-based end-user interfaces
- Real-time call center agent interfaces
- VoIP and SIP
- Automatic Gain Control
- Open APIs
- Multi-language Support
- Automatic Conference Linking
- Support for all call types, endpoints, and markets
- Internationalized interfaces

If you want a high-capacity, expandable, re audioconferencing platform, the CONTEX S

CONTEX Summit Gives You

SECURITY

Meeting today's increasing concerns for protected communications, the CONTEX Summit provides powerful capabilities for keeping your meetings secure. These include multiple passcodes, conference level passcodes, number filtering, and web-based conference support for encrypted communications.

FLEXIBILITY & GROWTH

With the CONTEX Summit, you can communicate using PSTN, VoIP, or the Web and conduct either attended or unattended conferencing.

With its expandable architecture, add ports as the demand for your service increases. And you have almost unlimited capacity with up to five shelves providing up to 9,600 ports in one system.

liable, and feature-rich

ummit is the media processor for you!

QUALITY CONFERENCING

In addition to continuing the CONTEX tradition of conference call clarity, the Summit is the only media processor on the market that supports high-fidelity VoIP audio processing.

COMPATIBILITY

The Summit is completely backward compatible with all current CONTEX interfaces and APIs.

INVESTMENT PROTECTION

As with all Compunetix products, the CONTEX Summit is competitively priced, represents an unprecedented value and offers a lifetime of support.

HIGH CAPACITY VoIP & TDM

You get nearly 2,000 ports per shelf through this system's high-density connectivity. The network interface modules provide the capacity and network flexibility to support large attended and on-demand services for both PSTN and IP clients.

RELIABILITY

The carrier-class CONTEX® family of conferencing platforms is the most reliable in the industry. In fact, nearly every installed CONTEX platform is still in use today.

The CONTEX Summit offers optional redundant components, continuous system check and diagnostics, hot-swap modules, highly reliable operating system, power supply and feed redundancy, and fan monitoring.

CONTEX Summit®

• Expand Markets • Increase Revenues • Decrease Costs

CONTEX systems feature continuous real-time diagnostics, hot-swappable and self-healing system designs, and are built to military standards with patented technology. CONTEX systems are built by Compunetix from the ground up, guaranteeing the quality of each platform. All systems are backed by the company's stability, reputation, and 40 years of design and manufacturing experience. Compunetix offers the CONTEX 240, CONTEX 480 and CONTEX Summit conferencing systems. These robust, carrier class media processors have assisted our customers by fueling the explosive growth in the audioconferencing market over the last decade.

☐ OPERATIONAL FEATURES:

Capacity
VoIP – 1920 ports per shelf (increments of 240 ports) Expandable to 5 shelves
T1: 192 – 1920 ports per shelf (increments of 192 ports) Expandable to 5 shelves
E1: 240 – 1920 ports per shelf (increments of 240 ports) Expandable to 5 shelves

Conference Types
Unattended: Passcode Meet-Me, Passcode Progressive (Chairperson Dial-Out), Passcode Preset, Passcode Meet-Me plus PIN, DNIS Meet-Me, DNIS Meet-Me plus PIN, DNIS Progressive (Chairperson Dial-Out), DNIS Preset
Attended: Dial-In, Dial-Out, Simultaneous Group Dial, Event, Auto-Event ™

Number of Conferences
Unlimited (N/2) (where N equals the number of configured ports)

Parties per Conference
Unlimited up to N (where N equals the number of configured ports)

Number of Talkers
No limit to talkers within a conference

Noise Filtering
DSPs eliminate line or background noise from the conference,18dBmCO or less

Voice Quality
Audio Background Noise Elimination, Built-in Echo Cancellation, Tone Block, High-Fidelity/Wideband (optional)

Operator Consoles (local or remote)
Up to 120 client connections

Operator Interface
PC utilizing Microsoft Windows®-based operator administration software, connected via TCP/IP

Line Interface
E1/T1 (D3/D4 or ESF framing)
ISDN PRI
B8ZS or AMI
Fully Compatible with ANSI and ITU Standards
Master, Slave or NTP Clocking
Fast Ethernet (VoIP)

Signaling Options
SIP, Wink Start, FXS, PLAR, ISDN [(Lucent 4ESS/5ESS, Nortel DMS, NI-2, Net5, (EuroISDN) PH (Australian ISDN)]

Digital Enunciator
Play to and record from up to 1,000 ports or 240 conferences simultaneously, 36,000 minutes of on-board recording storage
Supports 3 languages (5 languages optional for 3 call flows or 10 languages for 1 call flow)

DTMF Generation/Recognition
Provided for Each Channel, (Port) per BellCore, TR-TSY-000181

Echo Control
Suppression — Standard; Internal Cancellation

Input/Output Gain Control
+/- 10 dB manual operator controlled in 1 dB increments per port, adaptive automatic gain control per port

Self Test and Diagnostics
Continuous at both the lowest replaceable unit (LRU) level and system level

Remote Management
Alarms, Diagnostics, System Configuration, Software Changes, Reporting, Operational Control, Scheduling, SNMP for alarm reporting, SSH, NTP

Support for all Conferencing Modes - Simultaneous
On-Demand, Scheduled, Event, Web Initiated, Full ANI and DNIS Support

Variable Bandwidth
Supports 3.1 kHz and 7kHz (high-fidelity) audio (future)

System Reliability
Built in accordance with MIL spec

Optional System Redundancy (future)
Redundant Voice Summation
Dual Redundant Power Supplies
Redundant Audio Enunciators
Redundant Controllers

☐ OPERATIONAL CHARACTERISTICS: *

	DC Power	*AC Power (optional)*
Input Voltage	-42 to -56 VDC	88 to 264 VAC
Peak Current	30.7 amps @ -42 VDC 26.8 amps @ -48 VDC 24.8 amps @ -52 VDC 23.0 amps @ -56 VDC	12.4 amps @ 100 VAC 10.8 amps @ 115 VAC 5.6 amps @ 230 VAC
Nominal Power	1,290 Watts	1,290 Watts
Thermal Output	4,405 BTU/Hr	4,405 BTU/Hr

Environment Sensors
Alarm generation for fan failure, over-temperature conditions, and input power anomalies

**** Power requirements and thermal outputs are the maximum estimated for a fully populated system***

☐ PHYSICAL CHARACTERISTICS:

Size
Single Shelf
Width 19 inches (482.6 mm)
Height 21 inches (533.4 mm)
Depth 26 inches (660.4 mm)

Weight
Single Shelf
Fully populated: 100 lbs. (45.36 kg)

☐ OPERATING ENVIRONMENT:

Temperature
0° C to 35° C – 32° F to 95° F

Relative Humidity
5% to 90% (non-condensing)

compunetix
the technology of cooperation

www.compunetix.com

© 2014 Compunetix, Inc. Reproduction in whole or in part without written permission is prohibited. All rights reserved. Features and specifications are subject to change without notice. CONTEX and CONTEX Summit are registered trademarks of Compunetix, Inc.

Communications Systems Division
2420 Mosside Boulevard
Monroeville, PA 15146
1.800.879.4266
412.373.8110
email: **csdmarketing@compunetix.com**
url: **www.compunetix.com**