CONFERENCE CONTROL SYSTEM 3020X CCS

FULLY NON-BLOCKING VOICE CONFERENCING FOR 8,000 CHANNELS

The 3020X CCS Conferencing Control System is a fully modular voice conferencing system providing more than 99.999% availability providing the largest conferencing capability in the market.

More than 500 members can participate simultaneously in any individual conference, and over 500 hundred conferences can be hosted at the same time. The system is designed for safety-of-life and mission-critical operations and has been installed in critical facilities like the Federal Aviation Administration (FAA) Command Center at the core of its Air Traffic Flow Management (ATFM) operation, and the NASA space operations centers in Houston, Goddard, and the Kennedy Space Center.

→ Ad Hoc
  Used to set up unplanned conferences
→ Meet Me
  Allow scheduled conferences
  with/without PIN security
→ Progressive
  Used to create large call out conferences
→ Preset
  Blast out of simultaneous calls to participants

FREELY CONFIGURABLE USER INTERFACE MAXIMISES USER EXPERIENCE

A freely customisable user interface allows complete workflow optimisation. The role-based homepage provides access to over 90% of all functions with no more than two clicks. This increases operator effectiveness by 90% over other systems.

→ Coordination of national emergencies
→ Coordination of severe weather situations
→ National strategic planning
→ Coordination of response to safety threats
  to the public
→ Situational coordination of government agencies
  with public and private stakeholders

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→ PRODUCT KEY DATA

Voice Channels	> 8,000 non-blocking, fully redundant, without interruption		**Audio Compression**	300 – 3000 Hz, max. -9 dBm ± 1 dB into 600 ohms
Operator Positions	> 200 operator seats		**Voice Quality**	Meets ANSI S3.2-1989, Toll Quality
Conferences	> 580 full-duplex, simultaneous conferences		**Availability**	> 99.999%, less than 5 minutes/year downtime
Switching Bandwidth	> 600 Mbit/sec		**Tone Notching**	Notching of unwanted tones within 300 - 3000 Hz
Interfaces	Digital E1 (PRI), T1 (CAS/CCS), T1 (PRI), Analog FXS/FXO, 4-wire SF, analog FAA types, Voice-Over-IP (SIP/RTP)		**Certifications**	FCC Part 68, CE, TIA/EIA-568-B, ANSI/TIA/EIA-464, ITU G.703, G.704, G.711, ROHS and Energystar compliant
Humidity	Up to 95% non-condensing		**Voice over IP**	Ethernet 802.3U, RFC3261 SIP, UDP/RTP
Temperature	Operating: 5 – 40 ºC Non-operating: 5 – 40 ºC		**Electrical Safety**	EN60950/UL60950

→ PRODUCT HIGHLIGHTS

→ Commercial off-the-shelf, fully digital voice conferencing tool
→ Large scale conferencing features (ad hoc, meet-me, progressive, preset)
→ Telephone and intercom features blast-out (transfer, hold, barge, override, etc.)
→ Total non-blocking design
→ Designed for 24/7/365 operation

→ Custom user interface optimises conference management experience
→ Ergonomic position design allows positional flexibility
→ Broad built-in-test (BITE) functions reduce maintenance time
→ 20+ years manufacturer support protects investment
→ Designed for in-field technology refresh

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