



InterTalk™

Integrated Dispatch and Control Console

INTERTALK™ INTEGRATED DISPATCH AND CONTROL CONSOLE

InterTalk's console system is at the core of your operations. With its advanced IP architecture, InterTalk lets you see and control your communications infrastructure. InterTalk connects your world: radio, telephone, analog, digital, social media - whatever you use, InterTalk's flexible design enables you to strike the right balance between what to see, when to see it, and what to do about it. Whether it is public safety, transportation, critical infrastructure, government, or private enterprise applications, InterTalk allows effortless, powerful, and continuous management of your critical information. InterTalk is engineered to the highest standards of availability, and is simply the most complete console system available.

EXACT-FIT ENGINEERING

InterTalk has an interface for any communication requirement in both your operations center and the field. Whether it is legacy LMR, or the latest digital protocols, our collaborative approach to system design will result in a system that meets your exact operational needs. InterTalk provides you one consistent dashboard, so no matter the technology, it works the same where it matters most: at your workstation. Dispatch roles and screens can be configured to display the exact functions you need in your daily operations.

POWERFUL INTEGRATION

InterTalk is a complete suite of cooperating applications: a console system, a voter, an advanced archival logging recorder (Transcript™), a conventional transmitter steerer, a page encoder, and more. Combined with our development capabilities for integrating 3rd party systems for CAD, AVL, GIS, NMS, SCADA, and others, InterTalk gives you an industry-leading solution that can be tailored to meet your exact requirements.

FORWARD THINKING

Our designs are modular and highly scalable, ensuring a long service life (and value) for your investment for many years ahead. InterTalk passionately supports Open Standards for communications because we believe in your agency's freedom to choose - why let someone tell you what you can and cannot accomplish with your system? With non-proprietary protocols like P25, DMR, and TETRA, you are empowered to choose the best solutions, without being tied to a specific radio manufacturer now or into the future.


DATA SECURITY

We recognize the growing importance of protecting your organization's sensitive data, as evidenced by InterTalk's ISO 27001 certification for Information Security Management Systems. Combined with our ISO 9001 certification for Quality Management Systems, you can be assured that InterTalk is a global industry leader in console system quality and information security.



InterTalk™ Integrated Dispatch and Control Console Specifications

SYSTEM INTERFACES

Analog RF	EDACS, Smartzone, Smartnet, iDEN
Paging Formats	QC-II, 5/6 Tone, REACH, POCSAG, ERMES, FLEX, GE, RCA, EIA, 2-tone/4-tone, Aviation ALE, SELCAL, DTMF
Signaling Formats	MDC1200, GE Star, Fleetsync, FSK, MSK, GMSK (Intrac)
Integrated Voting & TX Steering (InterTalk console system)	Vote on best SNR, RSSI (serial, Ethernet, voltage, limiter current). Compatible with existing systems. Console user sees vote/UNSQ status and has full control. TX steering to voted site, multiple sites, per UNSQ sites, rule-based steering. Console user steers release, status and over-ride control.
Voting & TX Steering (3rd Party)	Ethernet control of JPS SNV-12 series. Full status reporting and control.
Legacy Key-up	PTT/COR, EIA TRC Guardtone, E&M
Telephony	SIP-I/SIP-T, FXO, FXS, T1/E1, ISDN, G.703, V.35, ringdown, SS7 signaling
Digital RF	P25 (ISSI/CSSI,DFSI) DMR Tier 2, DMR Tier 3, TETRA 

INTERTALK LOGISTICS SUPERVISOR (ILS) - Minimum Specifications

Processor	Intel® Xeon® Processor
Cache Memory	8MB (1x8MB) Level3
Memory	8GB or better
Network Controller	2 Gigabit Ethernet Port
Storage Controller	Smart Array Controller, supports RAID 1, 5, or 6
Hard Drive	500GB
Optical Drive Bay	DVD Multi Read/Write
PCI-Express Slots	2
Power Supply	350 Watts Non-Hot Plug, Non-Redundant Power Supply
Fans	4
Form Factor	1U

CONSOLE PC

Processor	Intel® Core™ i3 or better
Operating System	Windows 7 Pro, Windows 8.1 Pro, Windows 10 Pro
Memory	4GB or better
Hard Disk	500GB or better
USB	Standard PC-provided
Video Card	1920x1080 resolution, 22" monitor or larger recommended
Pointer	Mouse, trackball and/or touchscreen
Keyboard	Standard PC-provided

INTERTALK AUDIO EXCHANGE (AUDX)

Physical (h x w x d)	1.5" x 9.75" x 6.25"
Weight	1.36 lbs
Power Consumption	12 Vdc @ 2.5 A
Temperature	0°C to +50°C
Speakers	1 Select, 1 Unselect (standard), expandable to 4 speakers
Desktop Microphone	Optional, COTS
Footswitch	Optional, Single or Dual Pedal
Headset / Handset	COTS
Jackbox	4-wire or 6-wire (automatic detection)
Digital I/O	4 relay outputs Up to 8 opto-isolated outputs/inputs
PC Interface	Ethernet

NETWORK

Voice & Data Bandwidth	100 kbps per console
Infrastructure	100 Mbps minimum, full-duplex Ethernet
Packet Loss	< 0.1%
Packet Delay	Configurable from 20ms to 500ms
IP Addressing	Static