InterTalk™
Vantage Dispatch Console System

INTERTALK™ VANTAGE DISPATCH CONSOLE SYSTEM

InterTalk's Vantage Dispatch Console System (DCS) is the core of your mission-critical operations. With its advanced IP architecture, Vantage DCS lets you see and control your communications infrastructure. Vantage DCS connects your world: radio, telephone, analog, digital, social media - whatever you use, the Vantage'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, Vantage allows effortless, powerful, and continuous management of your critical information. Vantage is engineered to the highest standards of availability, and is the most complete dispatch console available.

EXACT-FIT ENGINEERING

Vantage DCS 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. Vantage 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 functions you need in your daily operations.

POWERFUL INTEGRATION

Vantage IDC 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, Vantage DCS 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, NXDN 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 dispatch console system quality and information security.

NSF®
NSF-ISR
Registered to
ISO 9001 and ISO 27001

InterTalk™ Vantage DCS
Specifications

SYSTEM INTERFACES

Analog RF	EDACS, Smartzone, Smartnet, iDEN
Paging Formats	1+1, 2+2, 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 override 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, NXDN, TETRA

AUDIO EXCHANGE (AUDX)

Dimensions (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	0ºC to +50ºC
Speakers	1 Select, 1 Unselect (standard), expandable to 4 speakers per AUDx
Desktop Microphone	Optional, COTS
Footswitch	Optional, Single or Dual Pedal supported
Headset / Handset	COTS
Jackbox	4-wire or 6-wire (automatic detection)
AUX I/O / GPIO	4 relay outputs Up to 8 opto-isolated outputs/inputs
PC Interface	Ethernet

CONSOLE SYSTEM FEATURES

Maximum system capacity	Unlimited, fully scalable
Maximum channels	Unlimited, fully scalable
Number of speakers per position	Up to 8
Instant Recall Recorder	Yes, configurable retrieval time
Maximum number of patches per position	16
Maximum number of channels per patch	16
Saved patches	Yes
Saved user screens	Yes
Saved multi-select groups	Yes
Paging speed dial	Yes
Manual tone encoder	Yes
Console intercom	Yes
Remote maintenance	Yes, via web browser
Contact directory	Yes
AUX I/O controls	Yes
Supervisory control	Yes (screen duplicate, override, radio control, force logout)
Configurable GUI	Yes
Touchscreen operation	Yes, touchscreen only or in parallel with keyboard/mouse
User login	Yes, free-seating
Alert tones	Yes, customizable
Radio ID display	Yes, alias configurable
Call history	Yes
Call queue	Yes
Unicast	Yes
Select/Unselect operation	Yes
VU Meter	Yes, RX and TX meters
On-screen clock	Yes
Console position OS	Windows 7, 8, or 10
Back-office OS	Red Hat Enterprise Linux