



REDEFINING INTEROPERABILITY

Controllable Intuitive Affordable

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Interoperability Workstation (IWS)

The Mutualink IWS provides an incident-based highly intuitive graphical user interface (GUI) that can be effectively used by a dispatcher or incident manager to communicate with other involved dispatch personnel as well as with units in the field. Interconnection of radio channels/talkgroups is facilitated using Mutualink's drag and drop interface. An IWS can be used either stand-alone, as a mini-console, or in combination with an existing console position. The IWS is simple to use and easy to maintain. In addition, the multi-featured and robust Mutualink software is easy to manage for System Administrators and other key personnel. The IWS is the primary operational user interface for the Mutualink system. It consists of a standard x86 PC platform (desktop, laptop, etc.) running the Mutualink real-time communications application on a Security Enhanced (SE) Linux operating system.

Standard Fixed Workstation 1RU IWS MC500-100 Series



About Mutualink

Mutualink is an IP-based multimedia communication resource sharing platform that allows public safety agencies and critical community assets to communicate in a manner that is separate and apart from the general public.

Mutualink technology is subject to US Patent #7,643,445 and other patents pending.

- **Voice:** LMR radios, VoIP "push-to-talk", telephone, cellular, Nextel/Mike and intercom
- **Video:** live feeds from buildings, streets, cruisers, copters
- **Text Messaging:** more effective than voice for informational content
- **File Sharing:** blue prints, floor plans, photos, procedures
- **PA and Intercom System Interface:** Broadcast Emergency Messages
- **Dispatch Collaboration:** off-the-air conferencing between dispatch centers

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MC500-100 SERIES FIXED TRU **IWS** SPECIFICATIONS




Standard Configuration

Optional Upgrade Solid State Drive (SSD)

Case Construction:	Ultra Lightweight Aluminum
Case Finish/Color:	Chassis - Black/Front Panel - Brushed Silver
Case Dimensions (W x H x D):	19.00" x 1.75" x 10.00" 1RU Rack Mount
Cooling System:	3 x 1.6" Fans
Motherboard:	Jetway J7F2WE-1G2 Mini-ITX
Processor:	2 GHz VIA C7
Memory:	1GB DDR 2 667
Hard Drive:	2.5" 5400 RPM 160GB SATA
Shock Resistance:	Operating 350G (2ms)
Vibration:	N/A
MTBF:	500,000 Hours
Expansion Slot(s):	Console Interface Board (CIB)
Front Access:	USB 2.0 x 2, RS-232 x 1, Line In x 1, Line Out x 1
Power Requirements:	12 VDC @ 5A Power
Power Supply:	External 60W AC Adapter INPUT 100-240 VAC and OUTPUT 12 VDC
Operating Environment:	Limited to operating range of 0°-60°C / 32°-140°F (Notes 1 & 2)
Operating System:	Security Enhanced Linux
Included Accessories:	17" LCD Flat Panel Monitor / Monitor Stand with Custom Adapter / 16" Gooseneck Dynamic Microphone / 2.5" x 4.5" Monitor Speakers x 2 / AC Power Adapter & AC Cord / User Manual
Warranty:	1-Year Parts and Labor
Notes:	(1) Allow units to come into this range before applying power to prevent possible damage (2) Contact Inter-Op Canada engineering for extended operating range options if needed

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Cooling System:	3 x 1.6" Fans
Motherboard:	Jetway J7F2WE-1G2 Mini-ITX
Processor:	2 GHz VIA C7
Memory:	1GB DDR 2 667
Hard Drive:	Solid State Drive 30GB SATA II 2.5"
Shock Resistance:	1,500G, 0.5ms
Vibration:	20G Peak, 10-20KHz with 3 Axis
MTBF:	1,500,000 Hours
Expansion Slot(s):	Console Interface Board (CIB)
Front Access:	USB 2.0 x 2, RS-232 x 1, Line In x 1, Line Out x 1
Power Requirements:	12 VDC @ 5A Power
Power Supply:	External 60W AC Adapter INPUT 100-240 VAC and OUTPUT 12 VDC
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 Solid State Upgrade is required for Mobile Deployment

 Specifications based on ATTO