

AXON IS

INTRINSICALLY SAFE
DIGITAL ECOSYSTEM



AXON Core IS



AXON AIR IS



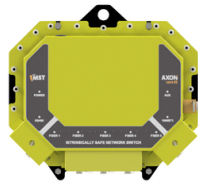
TRACKING • VOICE • DATA

Next Gen IS Wireless Access Point & Network Switch
Empowering Safety and Productivity

Images are indicative

Introducing AXON Core IS and AXON Air IS — MST Global's next-generation intrinsically safe network solutions for underground mining. Designed specifically for hazardous mine environments, AXON IS delivers high-performance, scalable connectivity while meeting the strict safety requirements of underground operations.

Whilst not essential for all mines, intrinsically safe is critical on some mine sites: it ensures network infrastructure can operate reliably in explosive or high-risk environments without becoming an ignition source. With AXON Core IS and AXON Air IS, mines gain the confidence of compliant, high performing, always-on connectivity — enabling safer communications, real-time visibility and future-ready digital operations, wherever your people are situated and your mine advances.



Axon Core IS - Our new intrinsically safe modular digital network backbone combining managed Fibre/Ethernet switching, power management and R5485 to reliably run mission-critical voice, video, data and IoT services in underground hazardous zones



Axon Air IS - Our new intrinsically safe high bandwidth wireless access point delivering underground-certified Wi-Fi 6, PoE+, daisy chaining and integrated BLE/UWB services to support voice, video, tracking and IoT applications in hazardous mining zones

Features and benefits

- Ease of Installation
- High Speed Connectivity (1-2.5Gbps speeds)
- Compatibility with KMC Soft Rock FaceBoss
- Rugged and mine-hardened enclosure
- High performance, low latency, scalable.
- Access to MST's precision tracking, enhanced communications, Data and Intelligence Control
- Convenient drop-in replacement for the NS40

INTRINSICALLY SAFE DIGITAL ECOSYSTEM

**MP70 IS
MinePhone**



**ICCL Echo
Cap Lamp**



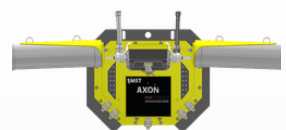
**Tracking
RTLS**



**AXON
Mesh**



**Integrated Data
Intelligence**



HELIX

