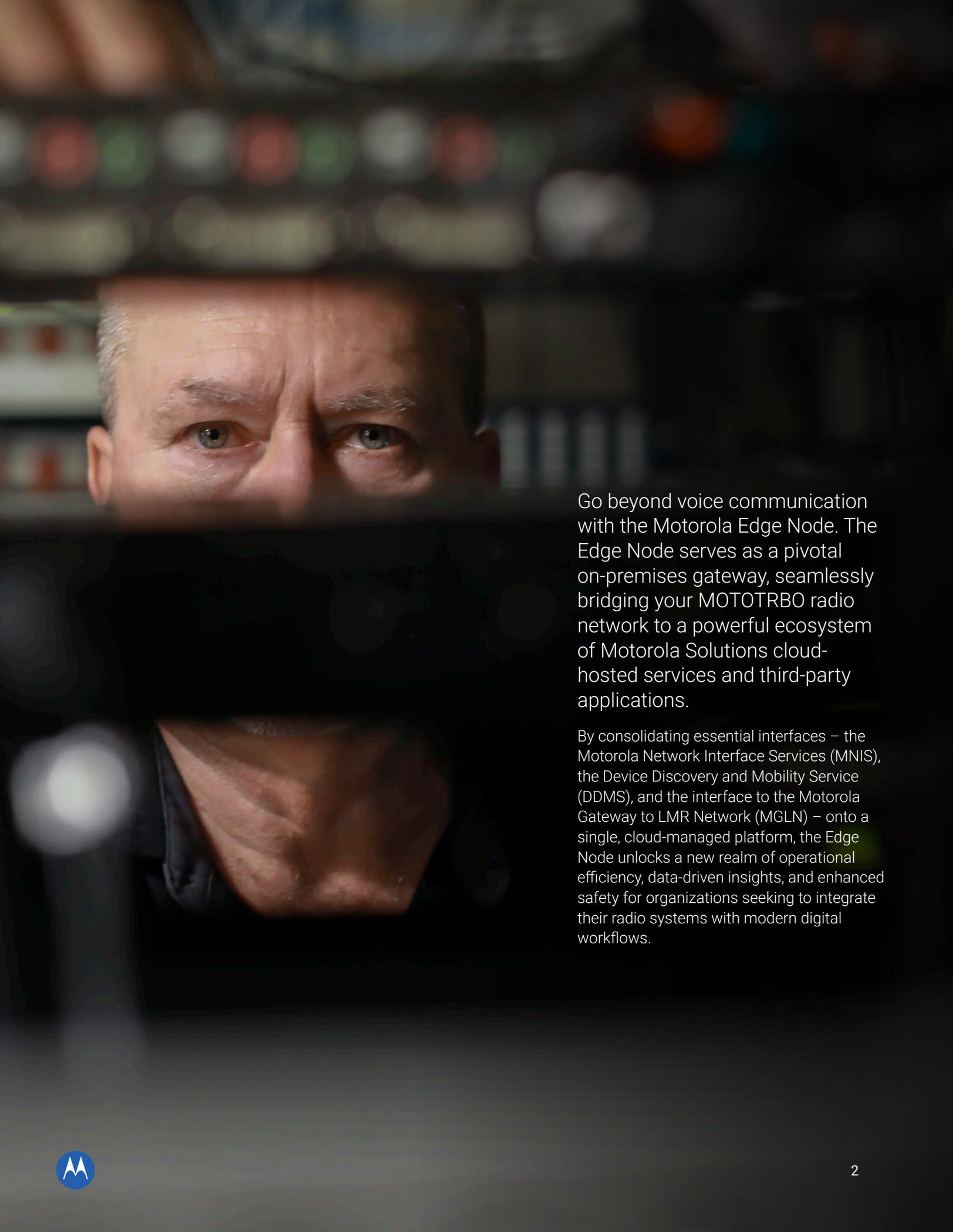


Data Sheet

Edge Node

Secure cloud-connected gateway





Go beyond voice communication with the Motorola Edge Node. The Edge Node serves as a pivotal on-premises gateway, seamlessly bridging your MOTOTRBO radio network to a powerful ecosystem of Motorola Solutions cloud-hosted services and third-party applications.

By consolidating essential interfaces – the Motorola Network Interface Services (MNIS), the Device Discovery and Mobility Service (DDMS), and the interface to the Motorola Gateway to LMR Network (MGLN) – onto a single, cloud-managed platform, the Edge Node unlocks a new realm of operational efficiency, data-driven insights, and enhanced safety for organizations seeking to integrate their radio systems with modern digital workflows.





Streamlined Control

Streamline your IT management with the Motorola Edge Node's unified, cloud-managed solution for deploying, configuring, and operating its interfaces. This intuitive portal offers centralized control over all Edge Node features, from managing cloud service connections to overseeing host operations. Benefit from automated lifecycle management, which continuously delivers new features and updates for applications, operating systems, and the platform, all without manual effort. The optional MOTOTRBO Service toolkit leverages the Edge Node such that authorized Motorola Solutions partners can remotely check the status of system software and carry out updates from a centralized web-based portal.

Simplified Authentication with Built-in Security

The Motorola Edge Node simplifies application authentication through common identity management. Its embedded software is secured from manufacturing onward by a Motorola public key infrastructure certificate. These robust security measures align with Motorola Solutions commitment to maintaining and providing up-to-date standards, approved frameworks, checklists, and comprehensive guidance throughout the entire development lifecycle.

Unwavering Reliability for Critical Operations

The Motorola Solutions Edge Node is engineered for continuous performance, featuring a robust design with built-in redundancy across key components. This includes a redundant power supply, hard drive, and Network Interface Card (NIC), ensuring that even in the event of a hardware failure, critical connections to your workflow automation tools remain active. This always-on reliability is paramount for essential functions like automated security protocols, guaranteeing that vital alerts and actions, such as door lockdowns, alarms and notifications remain dependable and uninterrupted, safeguarding your operations and personnel without fail.



Specifications

PHYSICAL CHARACTERISTICS	
Model	Dell PowerEdge R660xs
Network connectivity	Redundant 10x 1GB port (rear)
Serial connections	2x external USB ports (rear: 1xUSB 2.0, 1xUSB 3.0)
Power supply	Hot-swappable dual redundant power supplies
Disk array	2x 2TB hard drive hot-pluggable (RAID-1)
AC input power	100-240 Vac, 1100 W
Input current drain	12 A - 6.3
Mounting	1U 19" rackmount chassis supplied with rack extenders
Dimensions (H x W x D)	4.28 x 48.2 x 71.3 cm (1.68 x 18.97 x 28.05 in)
Weight	19.45 kg (55.33 lb)
Operational temperature for altitudes ≤ 900 m (≤ 2953 ft)	10 to 35°C (50 to 95°F) with no direct sunlight on the equipment. Maximum temperature is reduced by 1°C / 300 m (1.8°F / 984 ft) above 900 m (2,953 ft)
Storage temperature	-40 to 65°C (-104 to 149°F)
Maximum temperature gradient (operating and storage)	20°C (36°F) in an hour and 5°C (9°F) in 15 minutes (not instantaneous rates of temperature change)
Operating humidity (non-condensing at all times)	8% RH with -12°C (10.4°F) minimum dew point to 80% RH with 21°C (69.8°F) maximum dew point
Non-operational humidity limits	5% to 95% RH with 27°C (80.6°F) maximum dew point
Operational altitude	Max. 3,048 m (10,000 ft)
Non-operational altitude	Max. 12,000 m (39,370 ft)
Standard warranty	Standard warranty: 5 years Essential Service (NALA & APAC) or 5 years Enhanced Warranty (EMEA)
Optional Service Offering	MOTOTRBO Care, including the MOTOTRBO Service Toolkit, is a complete package of hardware, software and enhanced support, helping keep your MOTOTRBO Capacity Max system operating at peak performance while providing predictable operating costs and simplifying system management.

To learn more, visit:
www.motorolasolutions.com/EdgeNode



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