

**BEC**  
TECHNOLOGIES



**Driving Global Transformation  
to a Connected World!**



## BEC Technologies, Inc

BEC Technologies is a leading developer and manufacturer of next generation wired & wireless IP networking solutions for mobile operators, residential, enterprise and Industrial markets. BEC's comprehensive product portfolio of solutions incorporate xDSL, FTTH, 3G, 4G/LTE, Fixed Data Routers, VoIP/VoLTE Gateways, Rugged Outdoor, Industrial/M2M Connectivity, Public Safety, Fleet/Telematics and Cloud based remote device management. Our solutions are designed for high availability, reliability and secure connectivity all backed up with class-leading technical service and support.



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# BEC MX-1000

## Advanced In-Vehicle Multi-Carrier M2M LTE Router

Built for network resilience and business continuity, BEC MX-1000 is a feature rich enterprise class router coupled with robust network processing and numerous WAN interfaces purpose. The platform can be served as the primary connection or backup connection when wired connection fail becomes unavailable or non-existent.

### 1 SEAMLESS FAILOVER

Carrier to Carrier (Dual SIM/Dual Radio) and Carrier to Ethernet WAN

### 2 RUGGED/HARDENED

MIL-STD-810G certified, industrial-grade components with extended temperature range and flexible input voltage selection

### 3 INTELLIGENT IGNITION SENSING

Low Voltage Power Protection with Automatic ON and Time-delay OFF

### 4 CARRIER GRADE WIRELESS LAN

Wi-Fi Certified with Hotspot and Captive Portal Functionality

The compact rugged design integrates a 4-port Gigabit switch, carrier-grade Wi-Fi access point, multi-function USB host interfaces, embedded GPS with concurrent-multi-GNSS engine for GPS or GLONASS as well as a variety of configurable options such as: dual SIM dual radio, enterprise routing, secured VPN, cloud-based remote device management and power ignition control for in-vehicle applications.



Extreme Operating Temperature with BEC ColdStart Technology

The MX-1000 is the ideal solution for Enterprise, Business Continuity, Logistics/Transportation and Fleet, Public Safety/FirstNet applications.

# REMOTE DEVICE MANAGEMENT

## BECloud Management System



### Cloud-Based LTE Remote Management System

A remote management platform is essential to simplify device access, streamline and speed up deployment, lower support expenses and maximize the operational efficiency and profitability. BEC's cloud based device management platform provides operators with a comprehensive suite of services to manage devices in real-time.



Device  
Provisioning  
and Control



Firmware  
Over-the-Air  
(FOTA)



Real-time Signal  
Quality and  
Performance



Traffic Analysis  
& Bandwidth  
Monitoring



Remote  
Diagnostics and  
Troubleshooting



Application/  
Service  
Enablement



## Public Safety/FirstNet

Delivering mobile broadband solutions for FirstNet initiatives that ensure mission-critical video, voice and data for first responders across the nation. BEC devices are supporting a single nationwide, interoperable public safety broadband network.



## Logistics/Transportation and Fleet

Enable a wide range of connectivity applications from complimentary or system-wide 4G LTE Wi-Fi service for public transport as well as location based services, surveillance and fleet management.

## Business Continuity

BEC believes in protecting business continuity with Multi-WAN connectivity, Auto and True Seamless Failover Functionality to ensure maximum connectivity and minimum service interruption for reliable continuous operation.



Free Public Safety  
Whitepaper Download,  
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[j.mp/BECwhitepaper](http://j.mp/BECwhitepaper)



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**4G LTE In-Vehicle  
Connectivity Solutions**