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# Industrial Wireless MDS

Digital Energy » Communications

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## Product Categories

- Overview
  - Industrial Wireless
- Fiber Optic Multiplexers
  - Ethernet Switches & Converters
  - Network Management Software

## Services

- Overview
- Training

## My MDS

- Login

## From the first meter to the last mile

GE Digital Energy - MDS is the world's leading single-source, end-to-end wireless solution provider. From wellhead monitoring to utility substation automation, our wireless devices are packaged for industrial environments and have been rated and tested to harsh industrial specifications. Our wireless networks carry serial and IP/Ethernet traffic, plus analog and digital I/O signals connected directly to field devices and sensors, accommodating an extensive array of industrial protocols.



- DATA ACQUISITION
- LAN EXTENSION
- BACKHAUL

MDS products enable a broad spectrum of industrial wireless applications in dozens of markets worldwide, including:

- Data / Voice / Video
- SCADA / Telemetry
- Process Control
- Transaction / POS
- Mobile Data for Field Force Automation
- Telecom & Campus Connections
- Mobile Data for Public Safety

## Secure and reliable wireless designed for harsh environments

### Data Acquisition



Input collection from sensors for breaker status, tank level and oil wellhead pressure, etc.



Output control to pumps, valves, alarms, trip relays, etc.



IP/serial communication to meters and RTUs

### LAN Extension



High speed, long range connectivity including data and live video feed



Mobile data access including work orders and field force automation

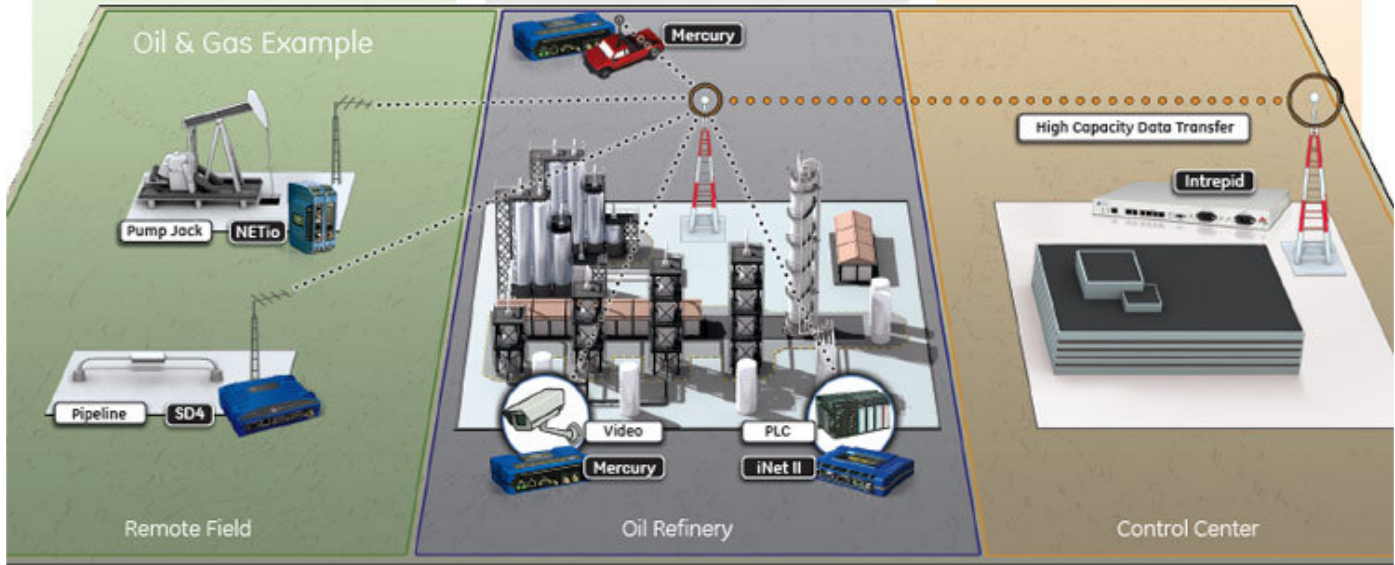
### Backhaul



High capacity, long distance network aggregation of field communications



High-security real-time network management and full-duplex connectivity



## Commercial Services

GE MDS Commercial Services are custom-tailored to each customer's requirements. The suite of offerings from Commercial Services includes engineering services from our Wireless Systems Group (WSG), a robust curriculum of on-site and in-house technical training and certification, and a wide array of custom racks and enclosures for industrial-strength wireless solutions. GE offers a unique combination of wireless communications and IT expertise. Our team of highly qualified engineers manage the design, installation, integration, commissioning, and training for complete end-to-end projects around the world in diverse environments for greenfield, upgrade, and retrofit installations.



→ COMMERCIAL SERVICES

## Accessories

GE MDS Accessories are hand-picked and tested to ensure optimal performance under even the most extreme conditions. We provide a complete line of reliable and cost-effective accessories that are fully tested to perform at optimal levels. We simplify wireless system design by providing a convenient single source for ordering.



→ ACCESSORIES & SOFTWARE



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