

Government Solutions

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Government Markets



Diplomatic
Communications
Security Agencies
Border Control



Disaster Recovery
leverages mobile
connectivity to
communication and
coordinate their
responses all the way
to the front line



USO and Education
networks best served
by large-scale
satellite networks that
easily integrate into
terrestrial

Government IOT Applications



Surveillance – Border Monitoring, asset/ vehicle tracking management, maintenance, safety and regulatory compliance



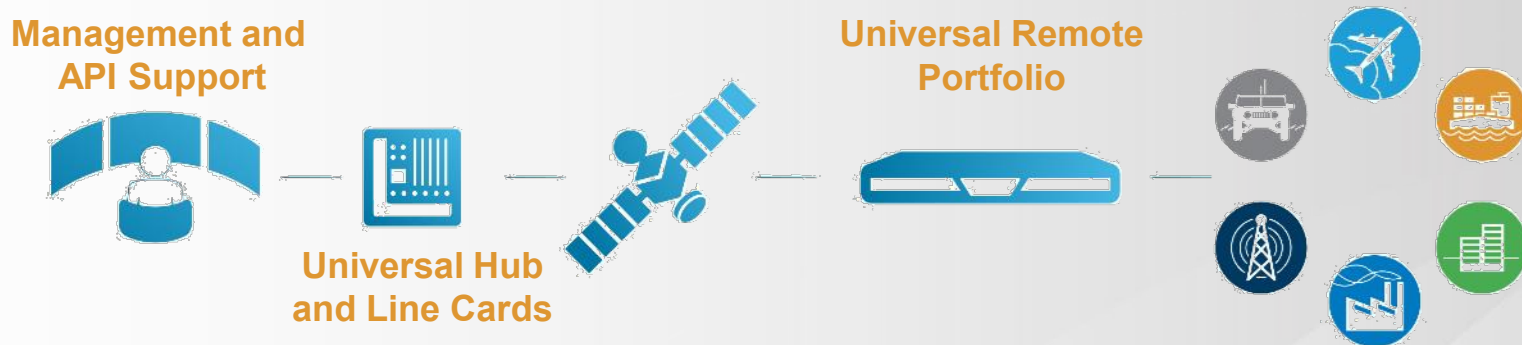
Sensor – Critical Infrastructure monitoring (Energy, Electric, Water, Natural Gas, etc.), LPWAN backhauling, imagery, and telemetry



Security – Public safety, theft protection, Video monitoring, security and surveillance. and remote diagnosis.

A Platform for Every Market

IP-based Satellite Communications System



SCALABLE

EFFICIENT

MOBILITY

QUALITY OF SERVICE

CUSTOMER EXPERIENCE

Government Product Portfolio

Hub & Line Cards

Universal Hub



ULC-T, ULC-R



- DVB-S2 (up to 45 Msps) and DVB-S2X (up to 119 Msps)
- MODCODs up to 256APSK
- ATDMA up to 29 Msps, up to 16 channel MCD, 16QAM*
- Evolution, Velocity

DVB-S2 / DVB-S2X Remote Solutions

iQ Desktop Series



- Desktop form factor
- DVB-S2/S2X w/ ATDMA returns
- 2 GigE ports
- Evolution, Velocity

iQ 200 Series



- Rackmount, board
- DVB-S2/S2X w/ ATDMA returns
- 2 GigE ports
- Mobility
- Evolution, Velocity

iQ LTE Series



- Rackmount
- VSAT/4G LTE converged solution for auto switchover
- Cradlepoint IBR Series Router

* Platform and release dependent

Introducing iQ LTE Series

The iQ LTE Series combines iDirect's next-generation DVB-S2/DVB-S2X satellite remote with an LTE cellular modem, creating a converged solution able to deliver reliable data communication for several use cases where physical path redundancy is critical.



- Same form-factor as iQ 200, sharing common supply chain, NMS and licensing functionality.
- Redundant communication links offer automatic switchover between LTE and VSAT links.
- Powered by Cradlepoint IBR Series Router Software Defined Radio for LTE and LTE-Advanced
- Wide support of global LTE bands for many different use-case possibilities
- Zero-touch deployment of LTE provisioning using NetCloud based provisioning tool.

iQ LTE Series Portfolio

iQ LTE



Entry-Tier LTE Throughput

- Ideal for Financial Service Markets or for restricted Wi-Fi use cases
- Based on iQ 200 Board and Cradlepoint IBR-650C with:
 - CAT 4 LTE Device
 - Regional LTE Module solution based on existing certification of 600 Series units

iQ LTE+



Mid-Tier LTE Throughput

- Mid-Market Solution for Mobility Markets
 - Maritime (OSV/Pleasure)
 - Enterprise, Government, Oil/Gas
 - Land Mobility Connected Fleet
- Based on iQ 200 Board and Cradlepoint IBR-900-600M with:
 - CAT 11 Worldwide LTE Radio / Dual-SIM
 - Wi-Fi On-Board
 - External GPS Input

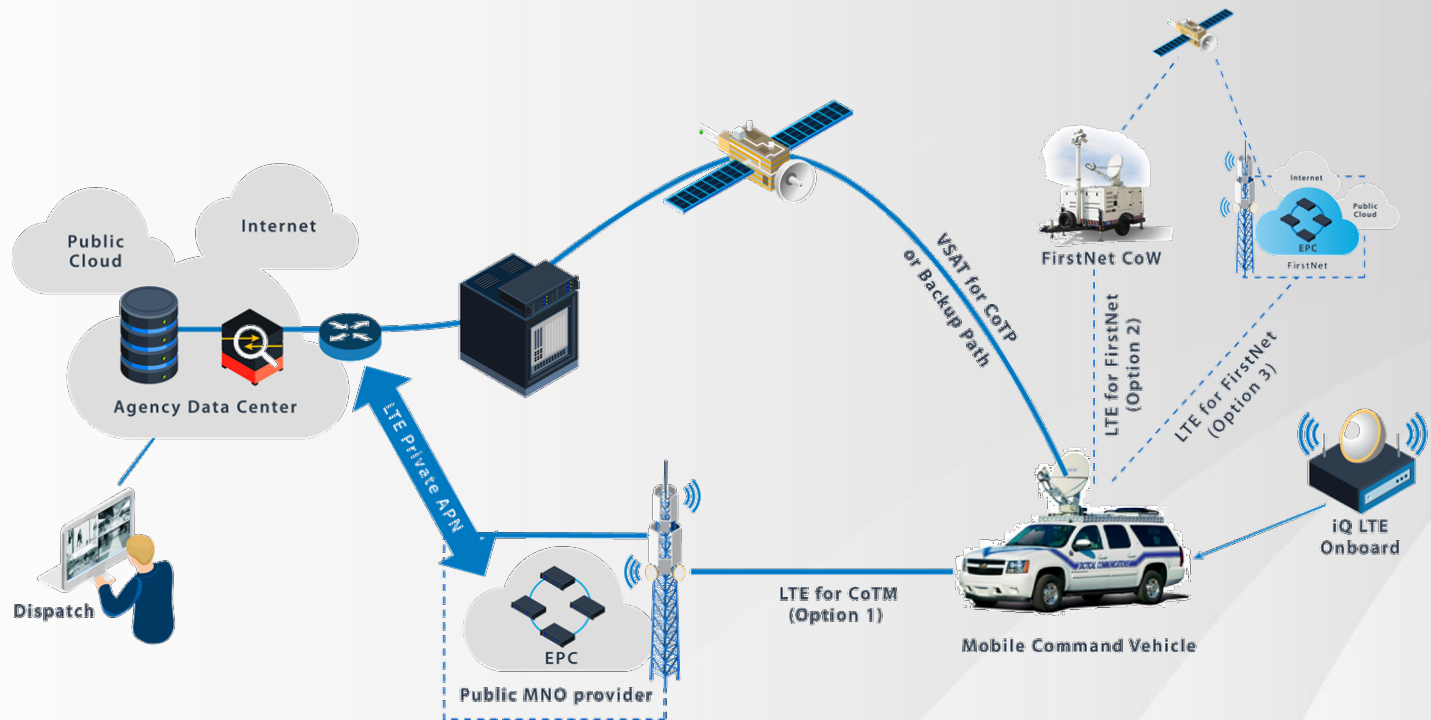
iQ LTE Pro



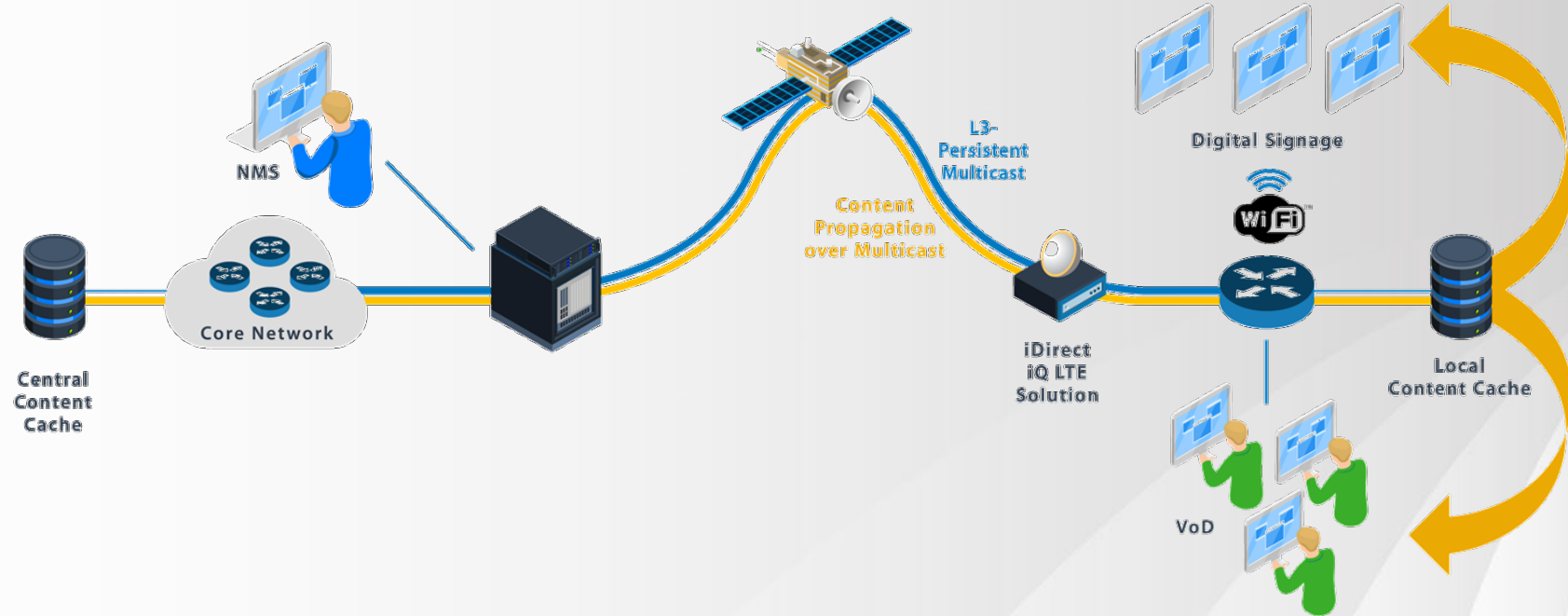
High-Tier LTE Throughput

- Top-Tier Solution for First Responder or Higher throughput requirements using Gigabit LTE-Advanced Pro
- Based on iQ 200 Board and Cradlepoint IBR-900-1200M with:
 - FirstNet Ready™ on AT&T with Band 14 Support
 - CAT 18 Worldwide LTE Radio / Dual-SIM
 - Wi-Fi On-Board and External GPS Input

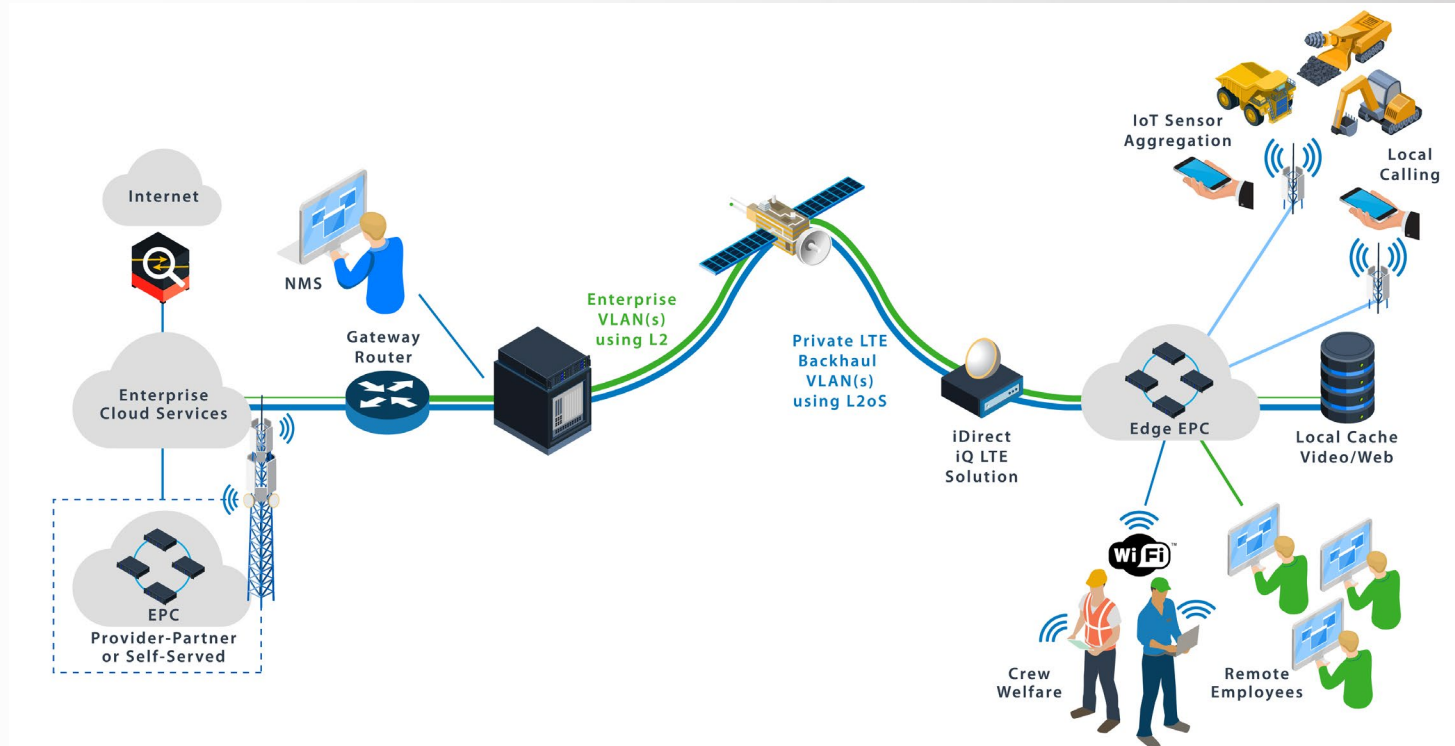
Use Case: First Responder



Use Case: Retail Digital Signage



Use Case: Government Private LTE



Case Study: Satellite Mobile Command and Crisis Response Fleet

- Providing broadband connectivity allowing essential coordination efforts, helping restore communities
- Applications: Internet connectivity, mapping, push-to-talk, MDR/LDR services, file transfers, asset tracking management, etc.
- Quick and easy to install fly-away antenna with modem setup for simple deployments



Case Study: Seamless, Always-Connected, Mobile Communications at the Front Line

- Comms-on-the move; secure, broadband connectivity for first response vehicles provides increased situation awareness and increases response times
- Provides a mobile hotspot for communication through any device: radios, smart phones or laptops
- Sends crucial data: readings from radiation sensors or live camera feeds, for an accurate and detailed response coordination
- Quick and easy set-up
- Automatic pointing and tracking ensures that connectivity is available at all times



The Right Partner at Your Side

- Broad mobility and government product and feature set
- Diverse solutions for any application
- Resilient connectivity options
- Collaboration across a broader ecosystem
- New opportunities in emerging markets

REDEFINE
WHAT'S POSSIBLE

Thank You

Text slide

- Bullet Text 1
 - Sub Bullet 2
 - Sub Bullet 2
 - Sub Bullet 3
- Bullet Text 1

Thank You