



# MultiTech Lens™

## LoRaWAN™-optimized embedded network server and key management toolset

MultiTech introduces Lens™ - a revolutionary toolset for secure, distributed, scalable LoRaWAN™ enterprise networks, designed to enable easy and efficient deployment and management of private LoRaWAN networks at scale. Lens provides centralized key management for LoRaWAN end devices, and configuration and control of MultiConnect® Conduit® gateways. Lens easily executes typical LoRaWAN network management functions such as adding gateways and LoRaWAN end devices in bulk; or creating separate organizations and network segmentation to support different IoT use cases or applications, while providing unique access rights to individual users. Whether it's 10 or 10,000 devices, Lens provides network management at the click of a mouse button in the comfort of your network operations center (NOC) or provisioning and management center.

With Lens, customers can:

- Leverage edge intelligence and run their unique custom application on a MultiTech Conduit gateway.
- Significantly reduce network connectivity costs and have complete control over the traffic allowed on their private LoRaWAN network.
- Execute secure key management at scale for their private LoRaWAN network.
- Strengthen data privacy and network security profile by using their own private LoRaWAN network.

[www.multitech.com/lens](http://www.multitech.com/lens)



### Lens BENEFITS

- Capability to load and manage your custom applications on MultiTech gateways, providing the ability to manage your applications and use cases to meet the needs of your business
- As much as 55 times savings on WAN backhaul costs compared to a traditional public LoRaWAN network\*
- Enables deployment and management of LoRaWAN devices at scale
- Worldwide coverage - wherever your country-certified MultiTech-based LoRaWAN network is built, Lens can be installed

\* Savings will vary and are dependent on number of gateways, amount of traffic and frequency of traffic sent over Lens LoRaWAN solution.

### Lens FEATURES

- Supports segmenting multiple application use cases (e.g., mouse traps and cold storage monitoring) over your private LoRaWAN network
- Device Management provides the ability to remotely manage gateway configurations and applications
- White-listing capability provides complete control of traffic across your private LoRaWAN network
- Bulk uploading of gateways and end devices allows rapid scale and easy management of your network



# HIGHLIGHTS

## Designed with the LoRaWAN™ Network Manager in Mind

Lens provides a great user experience to efficiently, easily and cost-effectively manage your LoRaWAN network components. Lens™ is an intuitive toolset, providing a variety of dashboard views at the network, organization, application, gateway or device level. Network managers can see a plethora of LoRaWAN traffic information - packets, join requests, missed packets and other information per hour, day or week by application network, gateway or end point level.

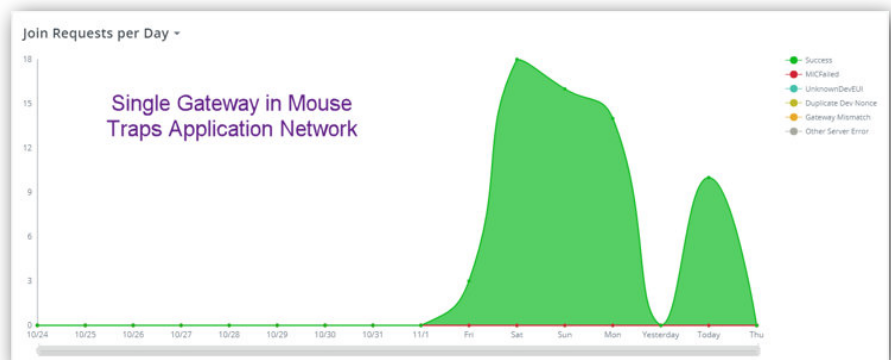
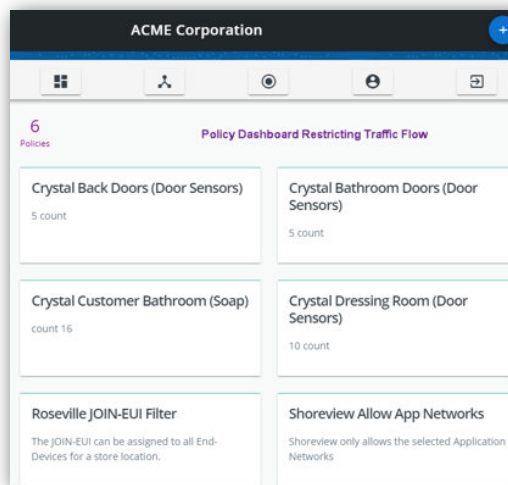
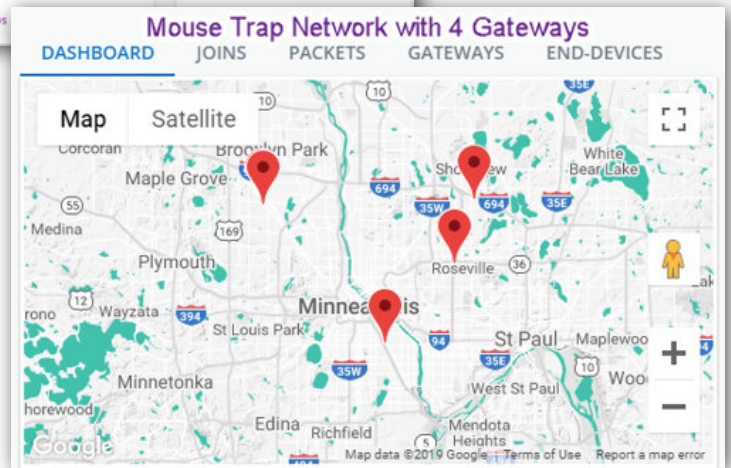
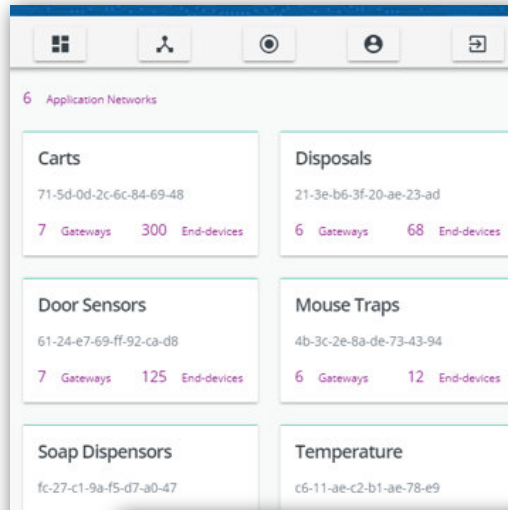
## Strengthen Security and Reduce Costs via Traffic and Policy Management

Through the Traffic and Policy Management capabilities, network managers can utilize features such as white-list management and set roaming parameters to obtain complete control over the amount, type and location of traffic running over their private network, strengthening their security profile while drastically reducing WAN backhaul costs.

## Lens Device Management Capabilities

Lens provides device management capability via its drag-and-drop tools. The following are some of the device management functions that Lens supports:

- Remotely manage gateway configuration, firmware and software updates and check-ins
- Real-time device, LoRaWAN and cellular traffic and performance information:
  - RSSI, cell power, device logs
  - LoRaWAN packet, join requests, CRC error percentage and RX signal



# ABOUT MULTITECH

MultiTech designs, develops and manufactures communications equipment for the industrial Internet of things - connecting physical assets to business processes to deliver enhanced value. Our commitment to quality and service excellence means you can count on MultiTech products and people to address your needs, while our history of innovation ensures you can stay ahead of the latest technology with a partner who will be there for the life of your solution.

MultiTech Campus  
Mounds View,  
Minnesota U.S.A.

## WHY MULTITECH?

### SUPERIOR QUALITY:

- From our US-based manufacturing plant to our countless product and process certifications, we're committed to the utmost quality in everything we do.
- That's why you can find more than 25 Million MultiTech products performing essential duties for businesses around the globe.

### SERVICE EXCELLENCE:

- From our comprehensive portfolio to the extensive reach of our distribution network, MultiTech is easy to choose and easy to buy.
- Thanks to in-house manufacturing and custom design services; broad-reaching expertise and fast, agile development we deliver customization and flexibility you simply can't get anywhere else.

### HISTORY OF INNOVATION:

- From the earliest analog systems, to the cellular heart of today's industrial Internet of things to the latest low-power wireless technology, MultiTech has consistently connected businesses in ways previously unimaginable - and has been doing so for more than 45 years. We have no intention of slowing down.
- We're continuing our legacy of firsts with the world's first commercially deployable LPWA-based suite of communications devices.

Produced in the U.S. of U.S. and non-U.S. components. Features and specifications are subject to change without notice.

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   **CONNECT WITH MULTITECH**