

IONX Edge™ Asset Monitoring System

Information from the edge™



Give your railcars on board intelligence with the IONX Edge™ asset monitoring system, the total solution to reliably track and monitor asset location and status. Utilizing satellite, cellular or dual-mode communications, the IONX Edge system maximizes asset visibility with the best coverage available to help meet fleet productivity, security and regulatory compliance needs.

The IONX Edge asset monitoring system provides accurate asset location data that can be accessed securely online and can monitor doors or hatches to help reduce lading loss or damage. With Edge, fleet managers can make decisions proactively and confidently that will ultimately save their companies and customers time and money. The Edge is available in three models – Series 1, 2 and 3. Choose the model or models that best suit your fleet operations.

- Provides actionable data on location and status to help minimize loss or damage to assets or lading
- Provides optimal coverage in operational areas with optional dual-mode (satellite & cellular) functionality
- Delivers railcar information in near-real-time for quick action to help prevent asset damage or lading loss
- Reduces costs and improves customer service with constant asset monitoring
- Reduces installation costs with durable, simple design

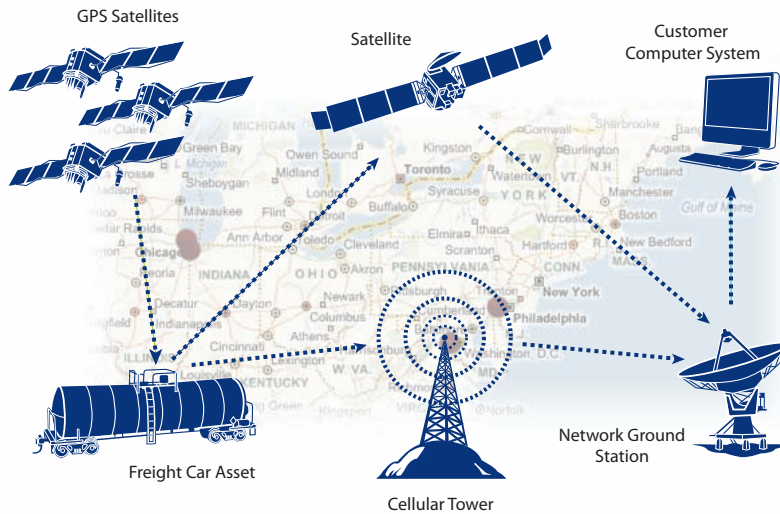


To learn how the IONX Edge™ asset monitoring system can help improve fleet performance, call 484-653-2619.



484-653-2600 • ionxlive.com

How It Works *Optional Dual-Mode Functionality*



Components and Options

Communication Management Unit (CMU) – The self-contained onboard communication management unit (CMU) is the intelligence center of the IONX Edge™ asset monitoring system. With three models available, the Series 1, 2 and 3, you get multiple communications options—geo-synchronous (GEO) or low earth orbit (LEO) satellite plus cellular or dual-mode technology.

Sensors – Ultra-low power wired and wireless sensors provide additional information about railcars and lading, including door and hatch open/close, temperature readings, impact and empty/load. Wireless sensors work exclusively with the Series 3, which uses a special wireless “manager” to manage an array of wireless sensors.

Power – Edge asset monitoring systems offer you two power system options – long-life primary lithium batteries (CMU-121, -151, -321, and -351) or solar-powered rechargeable batteries (CMU-131, -211).

Stealth External Antenna – This option is available for the Edge Series 1 and 3 models. It allows for greater installation flexibility, providing reception when the CMU must be placed out of sight on certain railcar assets.

About IONX LLC

Headquartered in West Chester, Pa., IONX LLC is a developer of ultra-low power telematics solutions for railcars, providing GPS tracking, asset status and condition monitoring. The IONX Edge™ asset monitoring system uses both a satellite and a cellular network for reliable global communications services. IONX LLC is a business unit of Amsted Rail, a division of Amsted Industries Inc.

