Neon
End-to-end remote telemetry and control applications for your fixed assets

Neon, from Unidata, is a sophisticated range of remote monitoring and control applications. Certified for use over Inmarsat’s global satellite network, Neon provides a complete IP telemetry system, from sensors to web servers, wherever they are situated, allowing you to quickly and effectively monitor and control your fixed assets all from one easy-to-use web application.

The Neon range is a complete IP telemetry system, incorporating everything from sensors and data loggers to web servers and software applications for easy and effective remote monitoring and management of fixed M2M assets. The application allows data logging, connection of sensors, control and SCADA functionality to upload data to a secure central server so it always remains safe. All elements of the application can be accessed and monitored from an easy-to-use web tool, giving you access to your entire network of connected assets at a glance.

Worldwide reach for monitoring and control
Using Neon over Inmarsat’s award-winning global satellite network allows you to monitor and control your assets, even in areas that traditional cellular and terrestrial networks cannot reach. Improve your business’ operational efficiency through improved situational awareness, boost your productivity; saving money and time through remote management, rather than the expense and loss of man-hours involved in sending a team to visit and diagnose a remote site. By removing the need for teams to visit isolated assets, often situated in inhospitable locations, your people will be safer.

Inmarsat has certified the Neon product range as Inmarsat-ready. If you are looking to leverage the reliability and global reach of Inmarsat’s satellite network to monitor and control your assets, the Neon range is an ideal way to do so. Neon has been certified for use over the following Inmarsat services:

- BGAN M2M
- IsatData Pro
Features
- Complete end-to-end monitoring system from field sensor to display on web
- Control the regularity of reporting from your assets
- Access Neon Application Software through any web browser
- Easily configure field-based assets remotely through the application software
- Configure alarms for real-time alerts when pre-determined conditions are met

Advantages
- One vendor for end-to-end system for monitoring and control
- Configure Neon Field units online from the Neon Server Application
- Neon Field units continue to operate independently in the event of link or server failure
- Obtain data routinely or immediately

Usage scenarios
- Remote monitoring and control of industrial plant
- Weather data collection for forecasting and climate modelling
- Remote oil and gas wells
- Water and electricity substations
- SCADA
- Environmental monitoring
- Monitoring and control of irrigation systems
- Industrial measurement
- Mining

Overcome operational challenges
Removes need for lengthy, expensive and often dangerous site visits to monitor and configure your assets.

Certified application
As part of our CAP (Certified Applications Provider) programme, Inmarsat works with a number of application providers with the intention of ensuring that their applications are not only compatible with our network, but provide our network users with effective, customer-focused applications that offer genuine business benefits, whether they're using the network for voice, broadband, machine-to-machine connectivity, or all three. Only individual applications approved by Inmarsat are endorsed with the Inmarsat Certified logo.

Disclaimer
Where an application provider’s application carries the Inmarsat Certified logo, it means that the application has been certified by Inmarsat to operate over Inmarsat’s satellite network. Certification does not mean that Inmarsat is certifying any system design or assumes any liability or responsibility in connection with the application provider’s application.

About Unidata
For over 20 years, Unidata has been innovating with reliable and cost-effective technologies for the global monitoring and measurement markets. Customers receive first class pre and post sales support through either a wide spread network of skilled partners or directly with Unidata. Unidata’s experience, expertise, reliability and quality deliver world class environmental and industrial applications for value and peace of mind.

Find out more
Inmarsat offers its services through a range of partners around the world. Contact us for information to find out how our range of services and certified applications can add value to your business:

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