



Beyond
the measure

By **MMS** group



EMS* Solution
JRI *MySirius*

***Environmental Monitoring System**



Cold chain traceability for transport

Centralized monitoring | Real-time alerts
Cloud & On-Premise Modes



The challenges of temperature-controlled transport

As transport and logistics professionals, you must maintain the cold chain of your products to guarantee their quality and compliance throughout their journey (storage and transport). Between increasingly stringent regulations, ever-rising logistics costs, and customer demands, automated and optimized cold chain monitoring is crucial.

The stakes :

- Compliance with standards (EN 12830, 21 CFR Part 11, ISO 17025, ...)
- Real-time visibility and reaction
- Automation and time savings

The risks :

- Non-conformity
- Loss of goods
- Cost overruns and human error

The JRI-MySirius solution: tailored for mobility



Real-time fleet monitoring



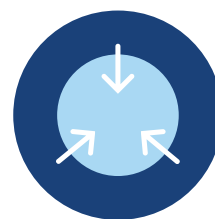
Geolocation and identification of delivery stages



Immediate alerts to the driver and supervisor



Easy analysis of the situation and results



Data convergence on a single application

A SaaS platform and an IoT sensor ecosystem

Nova SPY devices use 4G or LTE-M cellular gateways (Nova CELL or Nova HUB) with global connectivity to transmit their data to the JRI-MySirius platform. Liberty SPY data loggers send their data directly via LTE-M networks available in over 120 countries.

Key features

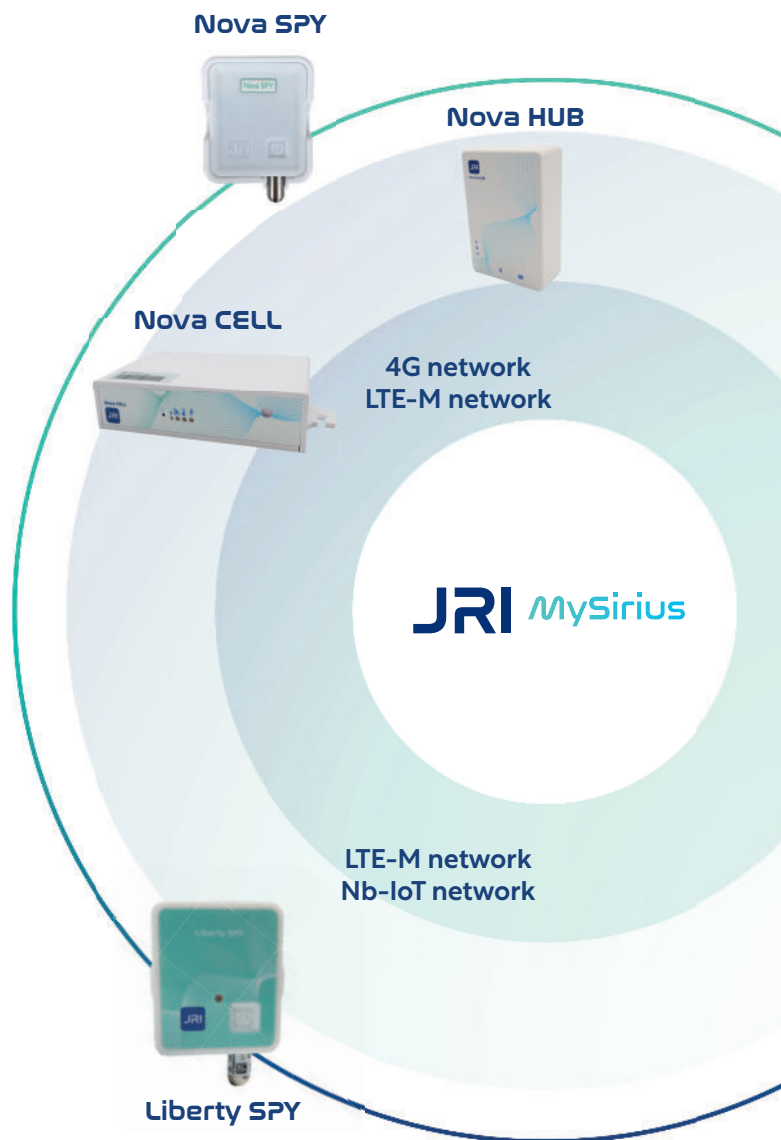
- Real-time monitoring
- Automated alerts (SMS, email, App)
- Automated reports (routes/shipments)
- Easy configuration via templates

Wireless Sensor

- Simplified configuration
- Fast, no-wiring installation
- Simplified metrology management by exchange

Custom Integration and Services

- TMS connection via API
- Qualified Solution (FAT/GAMP 5)
- Dedicated support and guidance



A multi-level software that adapts to your needs

Features	Level 1	Level 2
Shipment management	✓ Included	✓ Included
Route tracking	✗ Not available	✓ Included
Map display	✓ Included	✓ Included
GPS (GNSS) tracking	✓ Included	✓ Included
POI log	✓ Included	✓ Included
Activity reports	✓ Included	✓ Included
Vehicle fleet maintenance	✗ Not available	✓ Available (requires an add-on module)

... and for your user cases

Shipments

Track your shipments, monitor their condition and react in real time.

Regular routes

Automate the detection of your routes and the editing of your activity reports to save operational time.

A wide range of compatible products



Mini Data loggers:

- Detection of parcel or door openings
- Compact and rugged design
- Shock-resistant
- Wireless firmware updates
- EN 12830 compliant

Nova SPY range:

- High-speed 2.4 GHz communication, up to 6 years of battery life

Liberty SPY range:

- Global LTE-M connectivity, up to 18 months of battery life



Gateways:

- Global cellular connectivity
- Power supply via USB, cigarette lighter socket, or OBD vehicle battery
- Key ON/OFF detection
- GPS geolocation

Nova CELL:

- Embedded 4G/LTE-M cellular gateway with in-cabin alerts displayed on the **Nova VISU** interface

Nova HUB:

- Compact gateway for easy installation
- Data buffering capability
- Backup battery



JRI Green Digital Sensor :

- Accuracy up to $\pm 0.12^{\circ}\text{C}$ depending on the sensor used
- Low drift: $< 0.1^{\circ}\text{C}$ per year
- Operating temperature range: -40°C to $+80^{\circ}\text{C}$ for data loggers and -200°C to $+180^{\circ}\text{C}$ for the sensors (sensor type dependant range)
- Automatic provision of calibration on MySirius platform
- Unique sensor exchange system for simplified metrological management

They trust us!



What about you?

Need more information?



www.jri-mms.com

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