FUJITSU

Fujitsu Edgeware
Enabling Better Logistic Decision Support

The interpretive link between AIT and enterprise applications that transforms military and manufacturing logistics.

Operational success depends on supply chain efficiency.

But, as military forces and equipment become more complex and a volatile world demands deployment in hours or days rather than months, traditional supply chain management (SCM) methods struggle to keep up – especially in a climate of cost-cutting and reduced manpower.

Manufacturers, too, need improved asset management to locate parts, reduce losses, prove authenticity and optimise processes.

The answer is Fujitsu Edgeware – systems that manage and connect Automated Identification Technology (AIT) readers and enterprise applications, turning raw data into business intelligence automatically *without the need for changes to your current SCM system.*

Fujitsu Edgeware, powered by GlobeRanger's iMotion™ technology platform, is now standard within the US DoD and is a mature suite of technologies, capable of delivering great benefits to defence departments and contractors.

Edgeware enables the Internet of Things (IoT), machine to machine, human to machine, RFID and Sensors. This means that physical objects can be seamlessly integrated into the information network, becoming active in the business process.
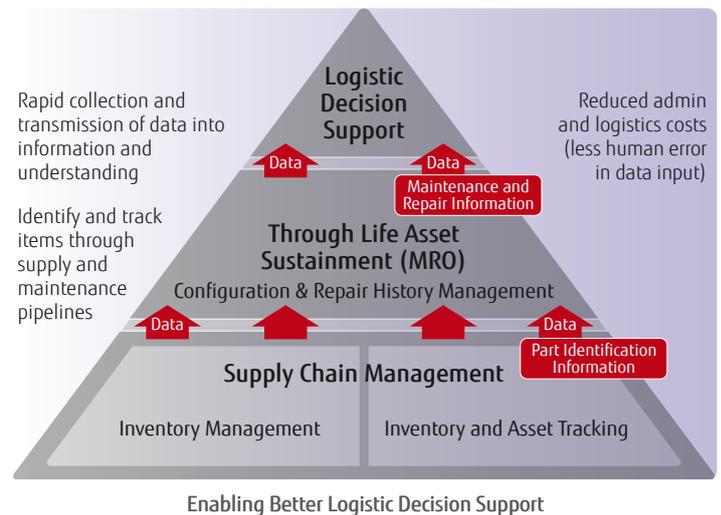
Whilst RFID and sensor networks are simply enabling technologies, services are available to interact with these objects, over the internet, and can change information associated with them, whilst fully recognising security and privacy issues.
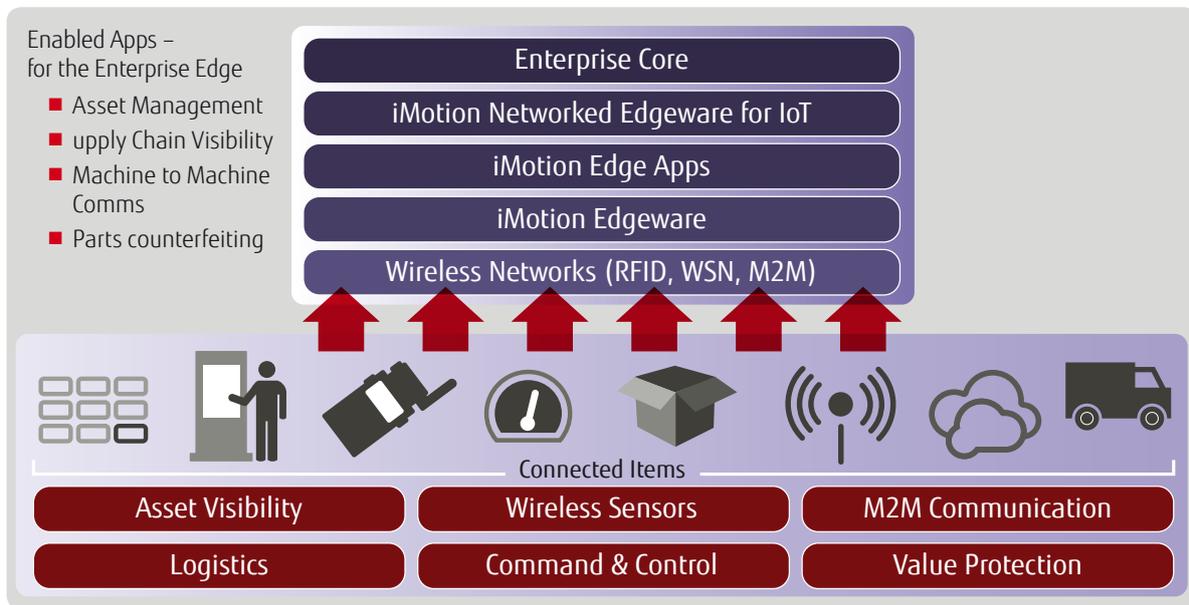
Making edge information useful

AIT readers and sensors capture high volumes of data that is only useful when correctly interpreted and translated into appropriate business intelligence.

Fujitsu Edgeware enables this three ways:

- By managing readers and sensors, keeping their data volumes separate from enterprise applications.
- By interpreting and presenting coherent information for use at the enterprise edge.
- By assessing the raw observations captured by readers and sensors, removing noise and clutter so that your SCM system sees only meaningful, high-level events, thereby lowering the volume of information that it needs to process.

Enabling Better Logistic Decision Support

Enabled Apps –
for the Enterprise Edge

- Asset Management
- upply Chain Visibility
- Machine to Machine Comms
- Parts counterfeiting

Enterprise Core

iMotion Networked Edgeware for IoT

iMotion Edge Apps

iMotion Edgeware

Wireless Networks (RFID, WSN, M2M)

Connected Items

Asset Visibility

Wireless Sensors

M2M Communication

Logistics

Command & Control

Value Protection

Exploiting GlobeRanger's iMotion™ Technology Platform
Enabling the Internet of Things, M2M, H2M, RFID and Sensors

One truth about your assets and their status

Fujitsu delivers edge information to your existing SCM system. Integration is usually seamless and little or no additional operator training is required.

The result is simply accurate, automatically-gathered information you trust – no need for the allowances you usually make for human input error.

Supply-chain visibility is unprecedented. Waste can be reduced and bottlenecks easily identified.

Applications include:

- Asset and people tracking
- Logistics - real-time location
- Animal tracking and identification
- Event / journey ticketing
- epedigree

Enabling Performance-based logistics

In PBL, a contractor is not only responsible for his product or service, but also for the logistics support chain that surrounds it. Accountability for logistics output and performance is transferred from the customer to the supplier.

PBL is now a standard contracting method for the US DoD and has been adopted for the procurement of the Lockheed Martin F35.

Without AIT, PBL contracts can be resource-hungry and hard to comply with.

New accuracy for OEMs

Fujitsu Edgeware can transform manufacturing by accurately and automatically identifying components at every process stage and storing information about item serviceability, usage, configuration and installed location.

Fujitsu Edgeware at a glance

A proven end-to-end solution for defence departments and contractors including:

- World-class edge software solutions
- Integration services with enterprise/legacy systems and all RFID transponders, readers and sensors
- Hosting, network and storage solutions
- Conformance with ISO and EPC Global

The benefits of Fujitsu Edgeware

Transforms SCM with automatic, accurate and timely data on an asset's geographical location.

Delivers Asset Management with totally reliable data on an asset's status, its installed or uninstalled location, usage and configuration.

Helps contract management and performance improvement by providing a single, authoritative view of all assets within the support chain.