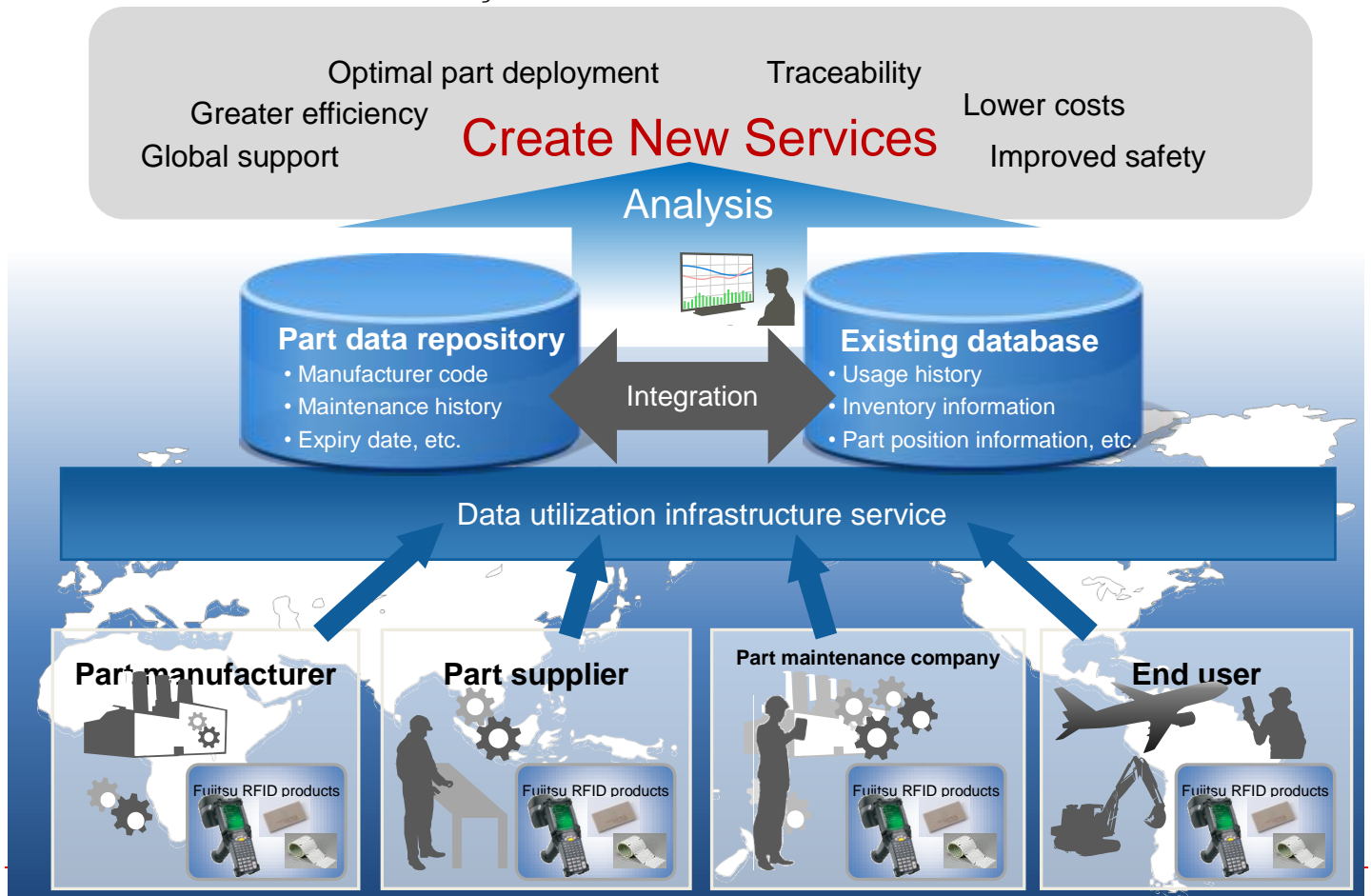


# FUJITSU RFID and Sensor Solution

Global RFID solution for maintenance optimization, PLC and inventory management

## Customer Benefits

- Fujitsu's full range of RFID product offers improvement of maintenance efficiency.  
Parts information stored in RFID tags can be viewed even during transactions involving multiple owners and in isolated environments with no network facilities, thereby enhancing efficiency.
- FUJITSU RFID and Sensor Solution allows global-level parts management by attaching RFID tags to parts, recording maintenance history onto the tags, and converging the data within the cloud.  
In aviation, automotive and maritime industries, where parts move around the world, the major challenge is to track the parts usage accurately and to manage their data including maintenance history in a centrally managed way.
- This solution delivers substantial benefits for global supply chain management, through optimal inventory deployment and improved traceability services.  
FUJITSU RFID and Sensor Solution helps customers create value-added services by merging the RFID tag data with existing databases in order to derive new insights.



Fujitsu serves as a one-stop shop to deliver a total integrated solution that includes RFID tags, reader/writer devices, middleware, application development and implementation services.

■ **RFID tags**

Fujitsu offers a full lineup of RFID tags and can develop customized tags as shown below.

■ **RFID readers**

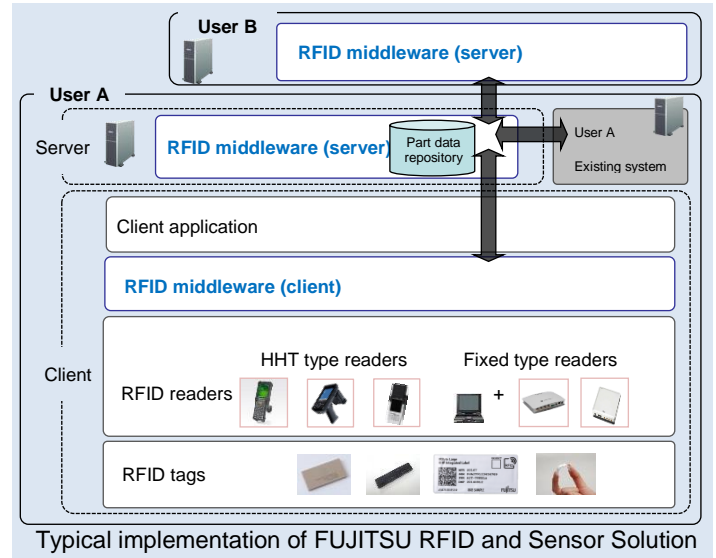
Fujitsu has partnered with leading global companies such as Motorola to ensure that Fujitsu's RFID reader devices support all the RFID frequency bands used in the world.

■ **RFID middleware**

- Fujitsu's RFID middleware supports international standards such as EPCglobal and ATA SPEC2000, and a set of functions to provide a common foundation for industries.
- Interoperability is guaranteed between various types of RFID tags and a range of different reader/writer devices.
- The System Integration function of the middleware easily connects Fujitsu RFID solution to existing systems.

■ **Applications and system support**

Fujitsu develops customized applications to meet customers' specific business needs and provides total support for all aspects of the solution, from installation to operations and maintenance.



## Application Scenarios

 <p><b>Defense</b></p>	<p>Lifecycle management of maintenance history to improve safety</p>	 <p><b>Logistics</b></p>	<p>Reduced inspection times of contents in containers or crates</p>
 <p><b>Factories</b></p>	<p>Immediate access to data in environment with no network connectivity</p>	 <p><b>Construction machinery</b></p>	<p>Improved asset management for heavy equipment</p>
 <p><b>Shipping</b></p>	<p>Standalone application for equipment inspection aboard ships in transit</p>	 <p><b>Railways</b></p>	<p>Availability of part maintenance history on items changing owners</p>

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