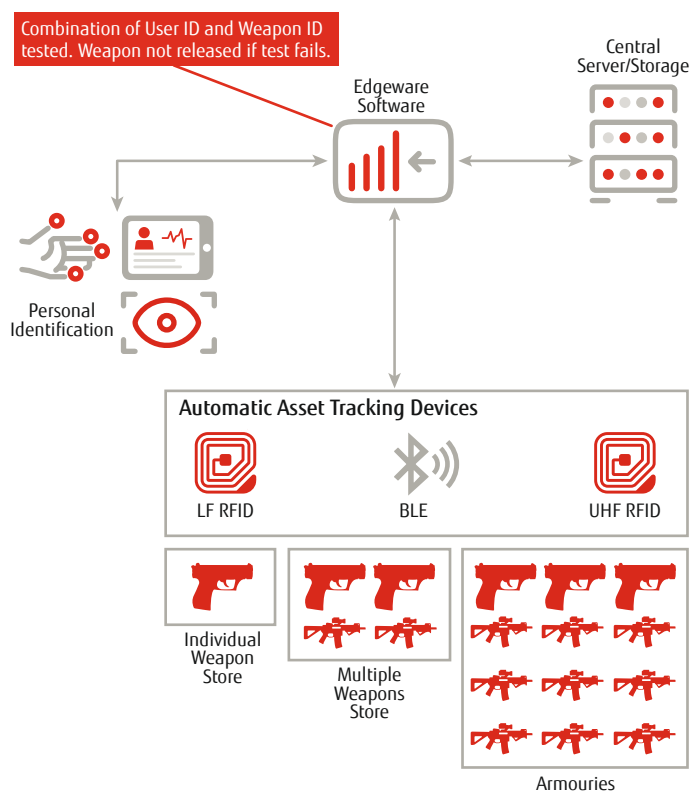


Secure Asset Management & Storage

Real-time monitoring enables the secure management and control of your most critical asset.



The ability to securely manage and control assets like small arms stocks and make them readily accessible to the correct people is a critical requirement for Defence and National Security. Regardless of whether your assets are stored singularly, in small batches in a locker or in larger stocks like formal Armouries, you need the capability to track and control every asset.

Precision-based secure asset management and monitoring

Fujitsu understands this environment intimately, and our Edgware software solution enables precision-based, real-time monitoring and secure management of assets. So you can be confident that every asset issued is in the hands of the correct person and can be accurately tracked and traced until it is returned, providing a completely reliable audit trail. Fujitsu delivers the capability to:

- Collect information from devices and sensors monitoring assets, like small arms
- Apply appropriate context to generate meaningful information
- Provide a multitude of secure weapon monitoring/management solutions
- Audit any asset inventory at any time
- Provide a highly secure, ruggedized locker storage facility, if required
- Integrate with existing systems across different security domains.

Improved asset visibility delivers greater control

Fujitsu's Edgware solution seamlessly matches the individual's identity details to their personal access level, as defined by the system administrator. This ensures the right assets are allocated to the correct individuals on production of their identification. In doing so, the management of assets becomes more streamlined and precise, particularly in the allocation of small arms and weapons. Small arms managers have much greater visibility and can perform an audit at any time. They instantly know exactly where every weapon is, to whom it has been issued and where it has been.

Where assets are stored in single storage lockers, only the appropriate locker can be unlocked for access to take or return an asset by individuals on production of their identification. In the case of small arms, where a multiple weapon store or Armoury is used, the weapon taken or returned is validated with the identified user. Once verified, an issue or return record (as appropriate) is generated, providing a complete audit trail for that weapon.

This issue or return activity can be initiated simply by the user, either by presenting their ID card or by using biometric validation, such as palm vein or finger-print recognition. A combination of both can also be used to further strengthen security. The system will then know the range of actions the user is authorised for, based on their current profile, and offer a return and/or issue activity. In the event of an unauthorised person attempting to gain access to a particular locker or store, an alert is generated to prevent the action continuing.

As well as the tracking solution software and devices, Fujitsu can also provide a highly secure, ruggedized and networked locker storage solution, delivered as a fully managed service. The container is highly configurable and can be tailored to a customer's specific requirements, which may be determined by the nature of the assets being stored and traced.

Harnessing data in real-time enables information advantage

Fujitsu's Edgware suite has been designed to truly enable an organisation's business processes and decision-making. Capturing and sharing error-free data and translating it into insightful information with context delivers real-time intelligence that enables trusted and highly informed decision-making, enabling information advantage.

Edgware automates data capture from a wide range of Automated Identification Technology (AIT) readers and sensors, like barcodes, RFID and NFC (near-field communication) tags or Internet of Things (IoT) devices that are associated with each individual asset. These magnetic tags are small, discrete, and can be applied to practically any small asset that is considered important enough to be tracked and traced. They can be encrypted to protect sensitive data from compromise as the asset moves through the support chain. Here are just three potential applications of Edgware solutions:

■ Personnel tracking and weapons association

Edgware technology can be used to enable the accurate tracking of personnel. Deployed troops can be associated with specific weaponry, and the two items tracked simultaneously. If the associated items become separated by a certain distance, an alert can be sent to Command and Control for them to take corrective action. Likewise, contractors working on secure sites can also be tracked to ensure they do not stray from their permitted work area.

■ Audit trail for confidential documentation or evidence

The discrete nature of the Edgware tagging devices enables Intelligence Services to accurately track and trace confidential documentation and supporting evidence. Important documents and items of evidence can be stored in secure lockers and only released to personnel with the requisite identification. This ensures Intelligence Services have the capability to understand precisely who has taken and returned the items, providing a reliable, rigorous audit trail.

■ Effective environmental monitoring of munitions

By monitoring the environment of munitions in storage and in transportation it is possible to move from a relatively crude maintenance regime to a more advanced on-condition or even pre-emptive maintenance scheme based on environmental data received from tracking devices. Making use of Fujitsu Edgware technology enables an asset's environmental history to be compared with predefined exposure limits, allowing the asset to be continually monitored over time.

Seamless integration with existing and new technology

Crucially with Edgware solutions, there is no need for any changes to existing support chain management systems, or back-end infrastructure. The software platform seamlessly integrates existing and new technologies, preserving past investments while enabling new edge applications. This level of connectivity has the potential to exploit the Internet of Things, as more and more devices are connected to the Internet.

Tried and tested around the world

Fujitsu's Edgware solution has been successfully implemented in over 100 separate projects within the Defence and National Security sector around the world. These applications include the U.S. Department of Defense, DoE, Homeland Security, DLA and all branches of the U.S. Military. Uses of Edgware in the Defence and National Security sectors are varied, including projects that have tackled challenges in the following areas:

- Logistics and asset tracking
- Personnel tracking, including contractors
- Weapon tracking and association to personnel
- Inventory management processes
- Shipping and receiving processes.

Real-time monitoring enables the secure management and control of your assets

Fujitsu's Edgware solution provides a single, scalable platform to enable you to easily track and manage any business or assets, delivering the capability to provide real-time accountability and end-to-end visibility:

- Precision-based secure asset management and control ensures the right assets are allocated to the correct individuals on production of the appropriate identification
- Assets can include any items of importance that can be easily tagged using any one of a wide range of Automated Identification Technology (AIT) readers and sensors
- Easily incorporates asset management information into your existing legacy systems and business operations providing accountable visibility
- Easily create business processing rules, trigger notifications and alerts, manage exceptions and generate a wide range of real-time reports
- Provide an end-to-end view of both inbound and outbound transactions within your weapon storage facilities
- Seamlessly integrates existing and new technologies, preserving past investments while enabling new edge applications.

Why Fujitsu?

For over 50 years we have innovated with the MOD, Government Departments and intelligence communities, co-creating new technologies and capabilities. As a result, Fujitsu has around 4,000 security cleared staff and the experience to deliver and manage both generic industry offerings and those tailored to specialist needs at OFFICIAL, SECRET and ABOVE SECRET classifications.

Enabling Your Information Advantage

In today's complex, digital operational environment, never before has information been such a key asset in securing operational advantage. Fujitsu's vision is to provide customers with the means to translate complex data into useful information upon

which to base critical decisions and actions. Transforming this ever-increasing pool of data into meaningful, useful information through analytics, automation and genuine Artificial Intelligence is critical to achieving this goal.

Fujitsu is fully committed to working closely with our customers, and through the use of co-creation will seek to enhance capability both through the acceleration of existing processes, and also through the delivery of truly new capabilities and ways of working. Our approach is based upon maximising both existing investment and best-in-class innovation, delivering the full spectrum of capabilities needed to enable your information advantage.

Human Centric Innovation

Driving a Trusted Future

Contact

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