FUJITSU

Fujistu Augmented Reality
Using data visualisation and context aware information to improve field operations

Supporting the transformation of business via smart devices

Two factors are driving mobility adoption: pressure from consumerisation, as employees and customers increasingly use smartphones and tablets; and business strategy, as enterprises realize the agility and efficiency improvements that mobility can bring.

From an enterprise perspective, most businesses, regardless of industry, recognize that mobility can:

- Improve productivity and speed up decision making.
- Mobility can be a source of efficiency and competitive advantage.
- Form part of business continuity efforts.
- Enhance staff happiness and open up new recruitment possibilities through home and distance working. This flexibility is becoming an expectation.

Mobile solutions will continue to migrate from stand-alone applications to enterprise applications that are integrated into the systems and business processes of the organization.More-sophisticated devices — Smartphones and tablets can now offer the key capabilities previously afforded by a desktop or laptop, with few compromises.

Workers often choose to use a mobile device as their primary tool in meetings, at conferences and in transit, and we expect this to apply more in the office and the field. Mobile solutions actually offer more functionality of value to users, such as context awareness, augmented reality, or contactless data transfer and payments.

In understanding this, Fujitsu has committed to a Mobility road map including:

- Open-interface mobile application server
- Reduced security risks from smart devices
- Augmented reality for displaying information in the field
- Flexible data analysis and forecasting
- High-speed transfer software links smart devices with remote locations
- High-performance, high-reliability database with PostgreSQL interface
- Faster on-demand batch-processing performance

Augmented reality for displaying information in the field

Imagine an application that allows your field staff to show immediate and useful information on a smart device's screen, layered on top of reality by simply pointing the device's camera at an asset tag. With Fujistu, this is a reality.

Fujitsu's augmented-reality platform provides functions for developing, executing, and managing overlay displays. Authoring technology lets the developer match information with real-world objects using a device's built-in camera and touchscreen, making it easy for anyone to expand and enhance procedures and processes in the field. Fujitsu's augmented-reality marker technology works under a range of lighting, distance, and dirty conditions, makes augmented reality practical in industrial, retail and other environments.

Additionally, Fujitsu's AR has the capacity to integrate with your current applications.

SAP Workmanager enables the optimal maintenance of assets throughout the life cycle, increasing usable life, reducing costs, and supporting sustainable goals. It has been a valuable solution for many companies in the world. Fujitsu's Augmented Reality solution works with SAP Workmanager enabling our clients to check their asset information and take actions in real time on mobile devices, improving productivity in facility management.
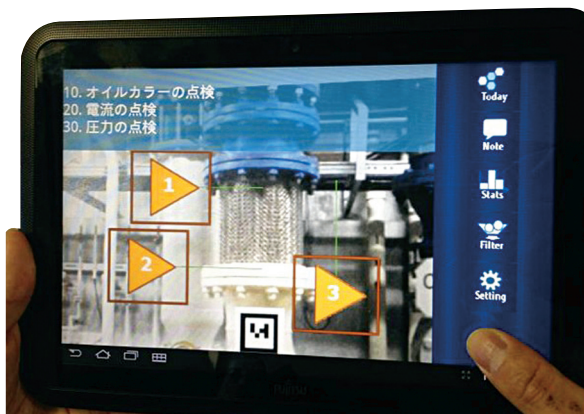
Introducing Fujistu Augmented Reality

Fujitsu's Augmented Reality solution enables the:
- Development, deployment and management of applications using GPS and cameras on smart devices.
- Utilisation of field data for field tasks navigations and maintenance.
- Display of asset specific information overlaid on the asset itself or location, by targeting the AR marker with your smart device.
- The unique AR marker allows workers to view manuals, measurements, maintenance and safety procedures.
- By caching contents, it can be used in offline environment.
- Smart Authoring - workers can add contents such as text, figures and pictures based on the AR tag and relay it to your secure data source.

Fujitsu Augmented Reality is an integrated platform focusing on business:
- Simplified access to asset information
- Step by step guidance for field operators
- Utilising back office analytics, onsite
- Optimize operation cycles in back office and onsite
- Designed to help non-experts in daily work

Why Fujitsu?

Our Augmented Reality solution helps maximize the operational effectiveness of field workers:
- Context aware information makes it easy to link data to the equipment you are working on
- Guided assistance reduces human error
- Data visualisation allows you to overlay intelligence on specific assets

---

Contact

About Fujitsu
Fujitsu Australia and New Zealand is a leading service provider of business, information technology and communications solutions. As the third largest ICT company in the Australian and New Zealand marketplace, we partner with our customers to consult, design, build, operate and support business solutions. From strategic consulting to application and infrastructure solutions and services, Fujitsu Australia and New Zealand has earned a reputation as the single supplier of choice for leading corporate and government organisations. Fujitsu Australia Limited and Fujitsu New Zealand Limited are wholly owned subsidiaries of Fujitsu Limited (TSE: 6702).