

Future Innovation

Wearable Technology -Augmented Reality Technology Coupled with Wearable Devices-

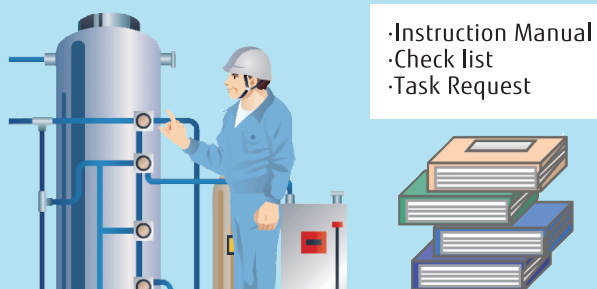
Advanced Technology

Customer Benefits

- Fujitsu lightens the work load and makes working processes more efficient by introducing Augmented Reality (AR) Technology with Wearable Devices.
- AR Technology drives operational quality improvements by supplying workers with relevant information (e.g. work flow, user guides) and updating reports or instructions in real-time.
- Workers can maintain a smooth operation whilst accessing all necessary information via wearable devices such as, Head-Mount Display (HMD) or the Intelligent Glove. This allows the whole process to become more efficient.

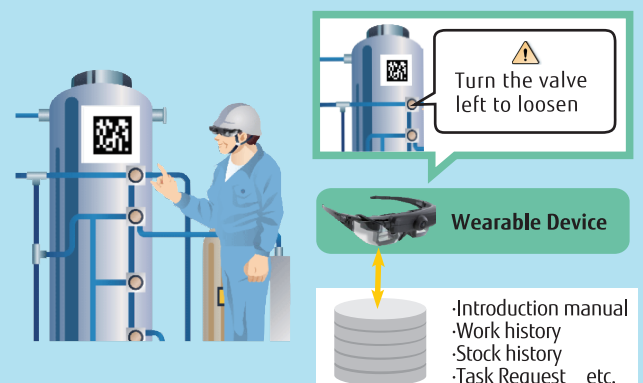
Before introducing AR Technology

- Complex processes often cause operational errors which can impact quality.
- The majority of operational data is inaccessible on site.
- Process results from operations cannot be shared immediately with colleagues.



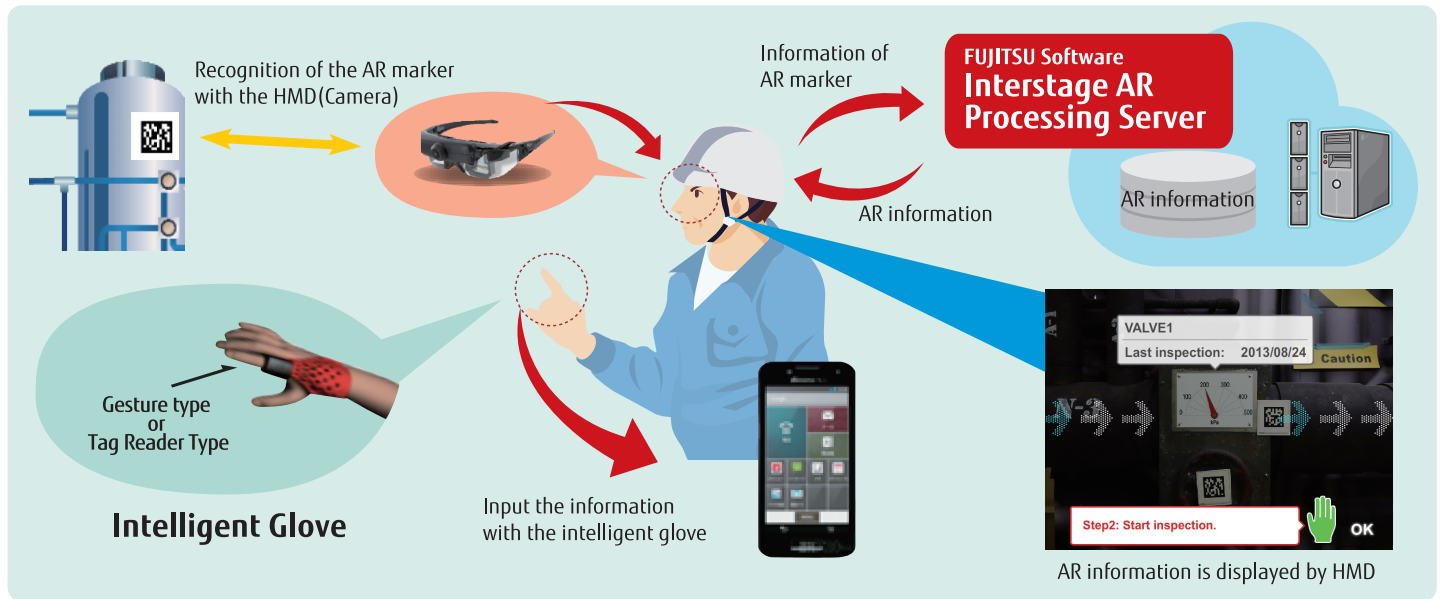
After introducing AR Technology

- Referencing work flow and operational information via HMD helps workers understand their tasks, thus lowering the risk of errors.
- Reference data, e.g. maintenance history, stock levels or specifications, are accessible on site, which improves efficiency.
- Results and output data are available immediately and enable real-time data access.

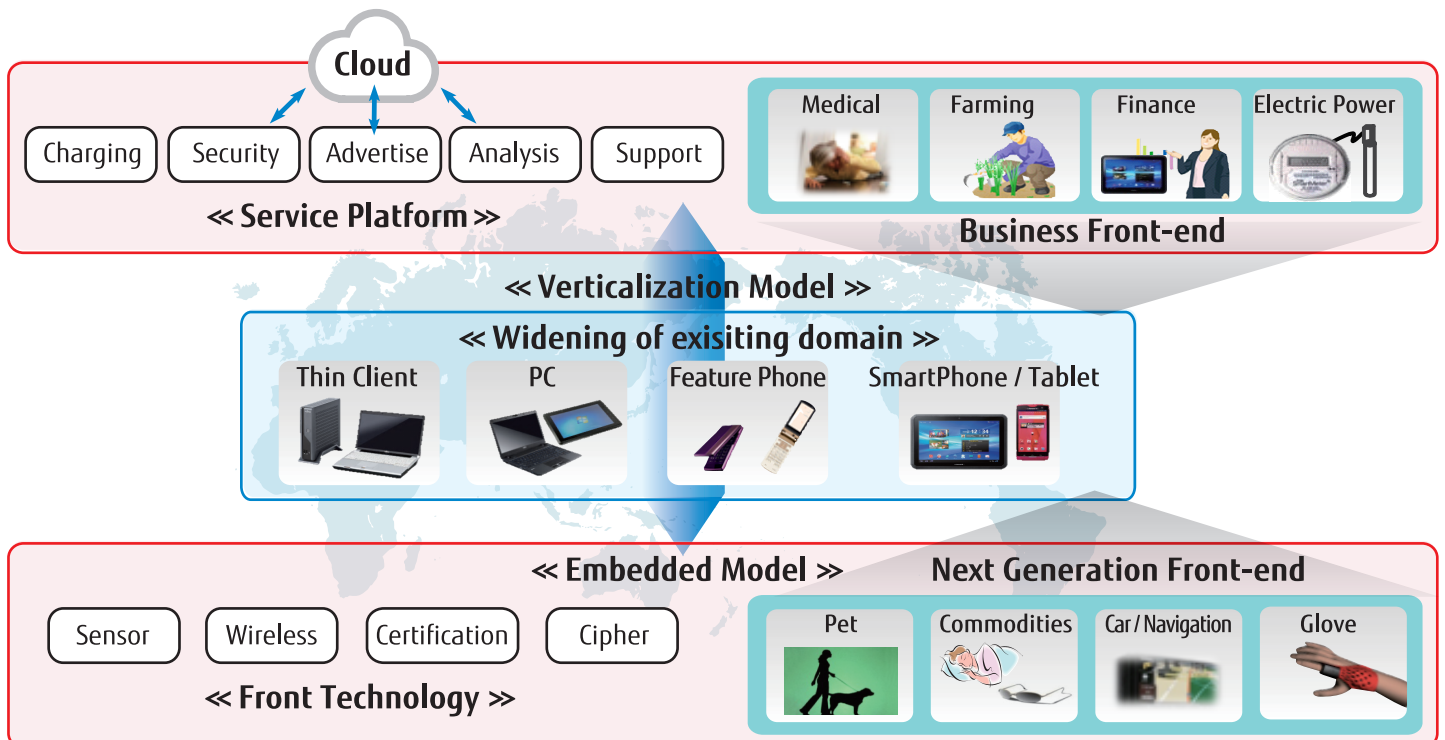


■ System configuration

The AR marker is scanned by the camera embedded within the HMD, the data is sent to the AR server via Smartphone. The relevant information is uploaded to the Smartphone, also creating an overlay image displayed on the operators HMD. Workers can refer to the information while remaining hands-free which facilitates data collected from the workers intelligent glove to be uploaded.



■ Wearable technology as the next generation of front end devices.



This pamphlet is translated from the Japanese local pamphlet.
 Some contents reference information relevant to Japan only. (e.g. Cost/Patent)
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