



Wipro's digital field worker solution

Voice-activated platform to enhance safety,
productivity and collaboration



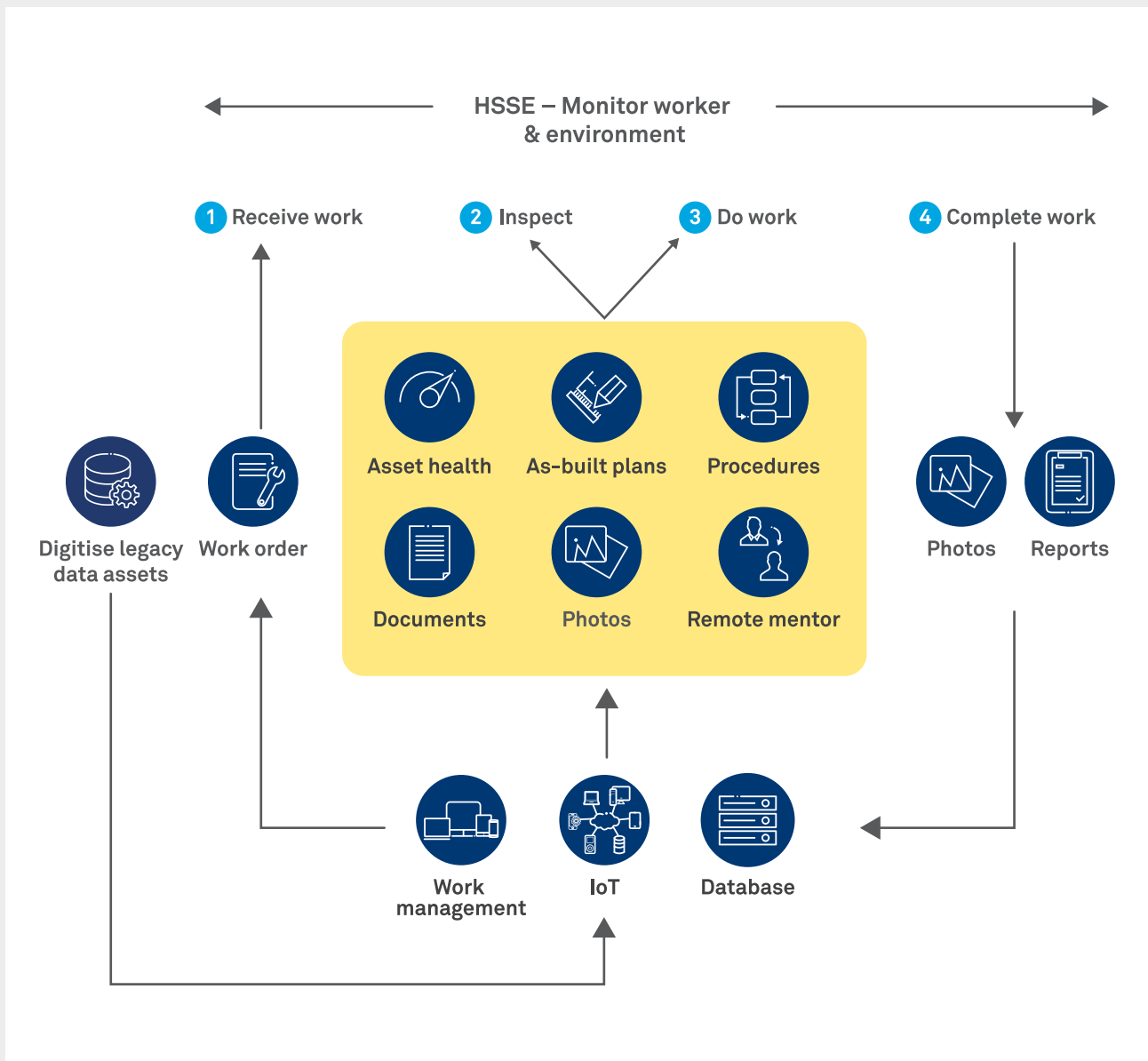
Introduction

In manufacturing and process industries, employees working in different areas or departments of the plant find it challenging to communicate with colleagues and access required information data in a convenient way. In hazardous areas, the workers' health status assessment/monitoring is a cumbersome exercise.

Solution

Wipro's digital field worker solution is purpose built for the industry and deploys a head-mounted and hands-free, voice-activated platform to enhance safety, productivity, and collaboration. It enhances the productivity and connectivity of workers in the field by delivering data, documents and applications to a worker in real-time whilst simultaneously improving worker safety.

Solution overview:



Benefits

- Integrated safety monitoring and reporting applications to monitor workers.
- Guided procedures help ensure consistency, compliance with safety practices, higher quality execution of tasks, and avoidance of rework.
- Remote collaboration and mentoring solution enables real-time support using voice and video collaboration.
- Accelerated delivery of outcomes through improved and faster decisions.
- Ready access to information in the field, without having to carry a tablet or laptop.

Features

- Enhance safety, efficiency and collaboration by providing improved access to information when working.
- Fully integrated with customer systems to align with and support workflows, visualise operational data, connect with remote mentors and support the ability to view detailed documents and plans.
- Compatible, with most PPE and allows workers to operate device hands-free. Can be part of workplace systems— desktops, laptops, mobile tablets and hands free devices.
- Enhanced access to decision-critical information through an intuitive mobile device—easily access business workflows, documentation, data from remote sensors. Take photos/videos, Wi-Fi and Bluetooth enabled.
- Increased ability to collaborate and capture job information (including photographs and video) in the field, including intrinsically safe zones.

Designed to last a 8 hour shift and provide stepwise visual instructions for assembly or maintenance

Use cases

Inspection

- Stepwise visual instructions for conducting inspections
- Access local or online document systems
- Two-way video call with documents and annotations for specialist assistance

Maintenance

- Stepwise visual instructions for assembly or maintenance
- Complete checklists, data entry & inspection image and video capture
- Access to video guides to provide just-in-time training
- Two-way video call with documents and annotations for specialist assistance
- Data and analytics from IoT frameworks and direct from equipment

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