



Mobile Asset Management: Rounds & Work Orders App for SAP Plant Maintenance

AT A GLANCE

COMPANY- Kaneka Americas in Houston, Texas

INDUSTRY- Chemicals

SOLUTION- Unvired Rounds and Work Order Application enabling the workers to access Rounds documents, Work Orders, Notifications, Compliance documents and Stock overview via Tablets (iPads).

“We selected the Unvired Mobile Platform over other competing platforms because it offered us the greatest value, ease of building custom applications and seamless integration with SAP. Kaneka Americas is live on the Unvired Mobile Rounds Manager and the Unvired Warehouse Management mobile apps (that integrate with SAP) which have enhanced our Asset Maintenance and Shipping processes. Another major reason for selecting Unvired is its team of skilled individuals who understand both SAP and Mobility and are able to identify business opportunities. We found Unvired to be flexible, cost-effective, and responsive while delivering on time-, we regard them as our extended team.”

Andre Winterhalter,
IT Director, Kaneka Americas



BUSINESS CHALLENGES:

- Plant Equipment Maintenance process in SAP were disconnected processes.
- Equipment Inspections Rounds were inefficient.
- Work Order Execution was not optimized.
- Paperwork – print paper documents, collect data and make entries later in SAP.
- Signatures and compliance documents managed as paper documents.
- Paperwork led to inaccurate/missing data in SAP ERP, low visibility, and huge Effort & Cost.

SOLUTION:

- Enable the ‘Mobile Plant’ Vision
- Mobilize Plant Operations by mobilizing SAP Plant Maintenance and related modules.
- Mobile App for Rounds and Work Order Processing – Access Rounds documents, Work Orders, Notifications, Compliance documents, and Stock overview
- Access Data from Microsoft SharePoint for Operating Procedures/ Compliance documents
- Works Offline
- Mobile Devices: Category 1 Division 2 ruggedized iPads

PROJECTED BENEFITS:

- Connected processes for field users – ‘Mobile’ plant with data access anytime anywhere
- Reduced operational cost eliminating manual errors, paperwork, and manual data entry
- Increased equipment uptime and daily work orders capacity
- Increased Compliance

ABOUT KANEKA:

Kaneka Corporation was established in 1949 when its main products were caustic soda, soap, cosmetics, edible oils and electric wires. Later, the company diversified into polymers, fermentation, biotechnology and electronics, and other fields. Business activities now span a broad range of markets: synthetic resins, resin products, chemicals, foodstuffs, pharmaceuticals, medical devices, electrical raw materials and synthetic fibers.