Mobile & Web App for Prevention of Wrong Product Shipment

AT A GLANCE

Large Downstream Manufacturer in Houston, Texas

INDUSTRY- Chemicals

SOLUTION- Mobile & Web App that allows scanning of only correct combination of Barcodes at Warehouse entry, loading and exit points to ensure only correct Chemicals are loaded & shipped.

ABOUT UNVIRED

Unvired delivers solutions to enable the Digital Enterprise. Unvired mobilizes SAP, Oracle, and other backend systems, enabling greater employee productivity and customer satisfaction. Headquartered in Houston, TX and with customers in N. America, Europe, South Africa, and APAC, Unvired is committed to its clients realize the benefits of enterprise mobility at a disruptively low cost and time to implement and continues to innovate in enterprise mobility.

BUSINESS CHALLENGES:

- Wrong Chemical Products were being shipped due to similar appearance.

- Incorrect combinations of Shipping Notice, Bill of Lading, Shipping Order, and Certificate of Analysis used for checking at Warehouse entry, loading and exit points.

SOLUTION:

- Barcodes on Shipping Notice, Bill of Lading, Shipping Order, and Certificate of Analysis are compared at the time of warehouse entry, loading and warehouse exit using a Mobile App to ensure correct chemicals are loaded and shipped.

- Mobile App allows scanning of only the correct combinations of documents at warehouse entry, loading and exit points. Scans are accepted only if the combinations match and scan document numbers are the same.

- Mobile App built with .NET C#

- Mobile App works offline. Users sign in to the device, do their work and submit all the data before signing out at the end of the day.

- Web App provides responsive (mobile enabled and Web) reports and User Management.

- Reports: Reports can be filtered by scan type, date, and other criteria

- Unvired Digital Enterprise Platform (UDEP) used as middleware between Mobile App, Web App, and Database based Backend System.

- Mobile devices: Windows Mobile Intermec CN70e used at Weigh Station & Loading area.

PROJECTED BENEFITS:

- Reduced Risk/Fines due to Prevention of wrong Product Shipment

- Enhanced Customer Satisfaction due to more Accurate Delivery