



# How a Utility Customer Developed Applications on SAP BTP

Alok Pant  
CEO

Unvired Inc.

[unvired.com](https://unvired.com)



ASUG

**Sponsored by:**

**Unvired Inc.**

# About Unvired

- Unvired is an **SAP-certified** partner Company
- Headquarters: Houston, Texas
- Over 10 years of experience in delivering Digital solutions.
- **Key Differentiators:** Happy reference customers, cost leadership, flexible, SAP-certified

## Solutions:

- **SAP Business Technology Platform (BTP) App Dev**
- SAP Mobile Asset Management
- SAP Mobile Warehouse/Inventory Management
- Turbo Forms: Mobile/Digital Forms Automation
- Turbo Apps: Low Code App Development Platform
- **Predictive AI and Generative AI apps**

## Partners:



# RECOGNITION

2015

## Featured in **Gartner Report**

Rapid Mobile Application Development, 2015

2019

## **Gartner Magic Quadrant report**

Honorable mention in Gartner Magic Quadrant report 2019, worthy of consideration for Multi-Experience development.

2020

## Featured on **Innovation Map**

Featured On Houston based Innovation Map Center As Innovator.

2021

## Re-certified by **SAP**

Re-certified by SAP for Integration with SAP S/4HANA and SAP ECC.

2022

## Featured in **451 Research**

Published Impact report on Unvired Turbo Apps for Low-Code App Development

2022

## **IDC Future Enterprise Awards**

Unvired customer Samson Inc. was named a runner-up in IDC's Best in Future of Customer Experience North America Awards Unvired Inspection App built using AR.

2022

## Featured in **Gartner report**

Unvired Turbo Apps is recognized as a Multi-Experience Development Platform in Gartner's MXDP market guide.

# SAP BTP SERVICES

---

**App Development using  
SAP Business  
Application Studio,  
RAP, CAP**

Low-code/No-code Process  
Automation using SAP Build  
Process Automation

**Custom Fiori Apps,  
Offline**

Web App Development in  
SAP Cloud Foundry

**Generative AI in BTP**

Delivering Insights/  
Dashboards using SAP  
Analytics Cloud

Deploy and integrate AI models designed for SAP applications.

1. SAP AI Business Services
2. SAP AI Launchpad
3. SAP AI Core Service
4. **SAP Generative AI**

## Use Cases:

- ✓ SAP Build Process Automation with Chat GPT
- ✓ Auto Generate Code for SAP CAP
- ✓ Document Searches
- ✓ Q&A



Custom Fiori Apps based on SAP BTP



## Electric Utility Customer

New Zealand



### Customer Scenarios

WEL needed Fiori apps for the following SAP functions:

- Asset Condition Monitoring
- Inventory Management
- Purchase orders and Approvals
- Timesheet Entry

## Highlights



### Asset Condition Monitoring App:

- Perform pole inspections
- ESRI Map-view
- View inspection list & history
- Create Notifications with attachments

### Inventory Management App:

- Goods Receipt against PO
- Goods Issue: Reservation, Adhoc.
- Stock Count
- Stock Check
- Pickup Confirmation
- Built the backend OData services and the SAPUI5 app.

### Purchase Orders & Approvals:

- Create a PO using a smaller subset of fields.
- Mobile Friendly
- Built the backend OData services and used SAP UI5.
- Enhancements to the standard PO Approval App.

### Technology (BTP Components):

- SAP BAS, Mobile services-**Offline** , MDK , cloud connector



### Business Benefits:

- Enhanced User Experience
- Improved Productivity

# PO Apps: Create, Approve, Edit

[Purchase Orders \(5\)](#)

Search

Puspendu Naskar  
Forwarded by Chris Puddle  
4600027461

---

**Avon Industries Ltd** **2,194.08**  
NZD  
5 items Dec 7, 2020  
Linda McCurdy  
Forwarded by Chris Puddle  
4500013301

---

**Vertrans Associates (NZ) Ltd** **10,000.00**  
NZD  
p Dec 3, 2020  
Puspendu Naskar  
Forwarded by Chris Puddle  
4600027458

---

**Eastside** **10,000.00**  
NZD

Purchase Order

Purchase Order: 4500013301  
Account Assignment: Not Assigned  
Delivery Date: Jul 15, 2014 and later  
Plant: WI  
Payment Terms: Payable 20th month following invoice date  
Company Code: WI

---

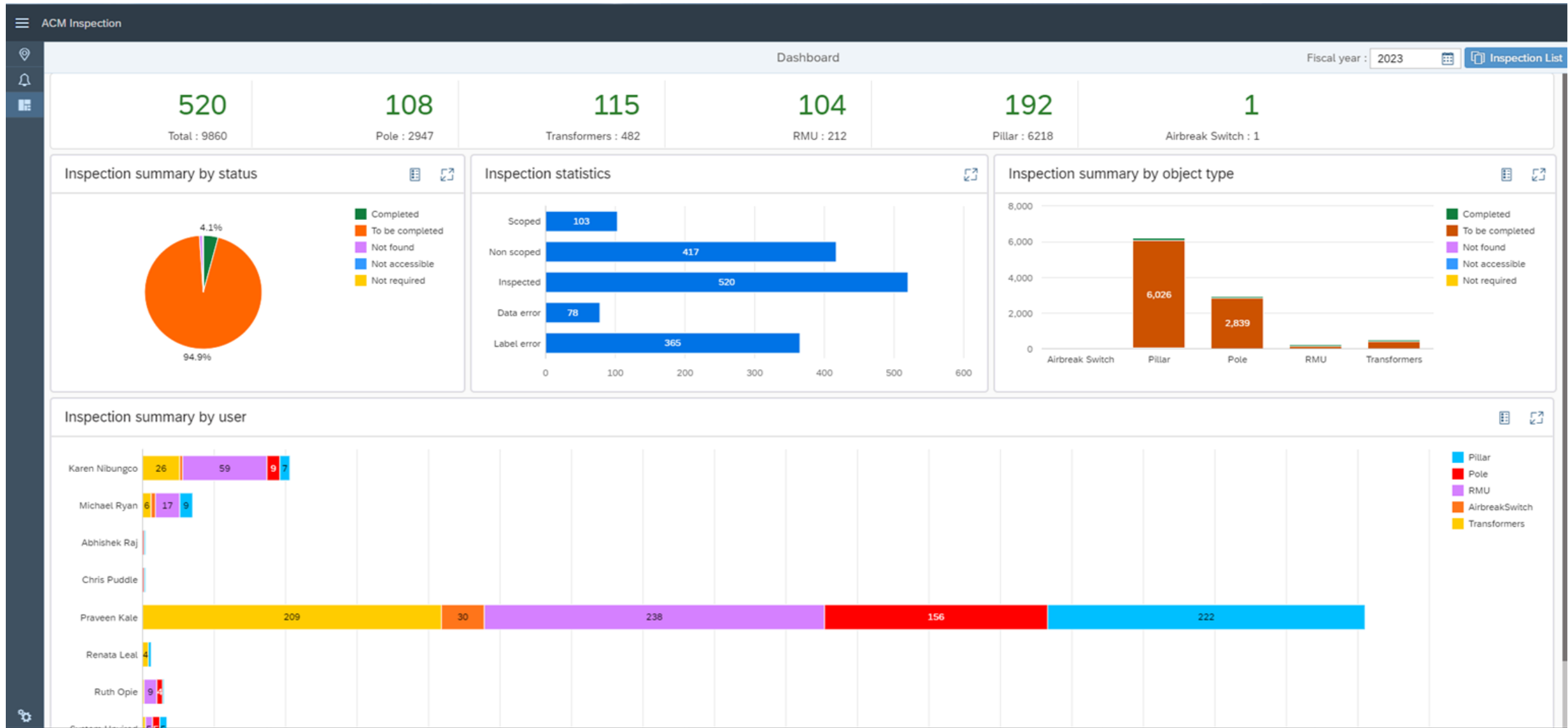
Items (5)

Description	Item Category	Quantity	Subtotal
BRACE 710MM	Standard	40 Each	220.00 NZD >
BRACKET 11kV CRUCIFIX POLE	Standard	10 Each	545.00 NZD >
EYEBOLT GALV 16x200MM	Standard	20 Each	139.00 NZD >
CONTROL CAB MOUNTING BKT SET-TOP&BOTTOM	Standard	6 Each	1,024.98 NZD >
BOLLARD FOR ANDELECT PILLAR - GALVANISED	Standard	1 Each	265.10 NZD >

Approve
Reject
Forward
↗



# Asset Condition Monitoring App: Dashboards



# Asset Condition Monitoring App: Esri Map View

The screenshot displays the 'ACM Inspection' application in 'Map View'. The map shows an aerial view of an industrial area with various assets marked by colored pins. The interface includes a search bar, filter options, and a status bar at the bottom.

Map View

Quick Search Radius Object Type Status Filter

Find address or place

Records Returned : 1126 ( Pole 101, Transformer 197, Pillar 737, RMU 91, Air Break Switch 0 )

Powered by Esri



# Inventory Manager: Home Screen Tiles

Inventory Management

Goods Receipt  
Purchase Order

Goods Issue  
Reservation

Goods Issue  
Adhoc

Goods Return  
Adhoc

Stock Count  
Inventory Document

Stock Check  
Material

Pickup Confirmation  
Reservation

# Business Benefits

---



**Enhanced User Experience**



**Improved Data Quality**



**Improved Productivity**



**Explore BTP Generative AI**



**Keep the Core Clean**



**Reduced Costs**

# Questions?

To ask questions after this session, contact us at:

Alok Pant,  
CEO-, Unvired Inc.  
Email: [alok.pant@unvired.com](mailto:alok.pant@unvired.com)  
M: (713) 560 2760

## **Special POC Offer to ASUG Attendees: SAP BTP Services or Generative AI Apps**

- ✓ Roadmap Development
- ✓ Develop pilot BTP app or Generative AI app
- ✓ Discounted Pricing

# Thank you.

Stay connected. Share your SAP experiences anytime, anywhere.

Join the ASUG conversation on social media:

**#ASUG**

