



Australian Arrow deploys SkyMobile to manage inventory and production processes

Innerware™

Extends the reach and mobility of SAP® throughout your enterprise



Australian Arrow Pty Ltd (AAPL) is the largest supplier of wire harnesses to the Australian automotive industry. AAPL is an Oceanic affiliate of the Yazaki Corporation.

Project Challenge

Use a common framework for application development across multiple SAP® modules – in both real-time and stand-alone modes.

Solution

AAPL has developed the solution using **SkyMobile**. The implementation comprised stand-alone warehouse systems and real-time inventory and production recording systems in both Australia and Samoa.

Benefits

The solution enables a variety of RF devices to be deployed throughout the business, across a variety of business processes. The common application development framework gives flexibility which means that AAPL IT staff can readily 'DIY' to include new applications in the system. **SkyMobile** provides complete visibility to all subsequent updates in SAP®.

SAP® Integration

AAPL utilise **SkyMobile** for all of their SAP® mobility needs. All updates are monitored and managed by the business using the highly visible and easy-to-use tool. The high volume nature of the integration is easily catered for by **SkyMobile**. Intelligent processing of transactions reduces the load on SAP®. Further, more complex dependencies and queuing are all catered for within the suite without any need for complex programming.

A Flexible Application Development Framework

AAPL required a solution for Radio Frequency (RF) applications across a number of SAP® transactions/modules. Additionally, they needed a framework that provided real-time transaction processing with store and forward/stand alone capability.

Powerful solutions that provide the next level of integrated functionality without complex middleware.

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Sky WebCommunity



Sky Technologies has created an Online WebCommunity that provides a channel for participants to explore the world of SAP Mobility and draw on the experiences and knowledge from within Sky's ecosystem of partners and customers.

Features of the community include:

- News and Events
- Case Studies
- Featured Articles
- Technology Forums
- Developer Centre
- Blogs
- Whitepapers

Visit Sky's Online WebCommunity today to learn how you can benefit from Sky's middleware free mobility solution and reap the rewards that mobilising SAP can bring to your enterprise.

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More information

For more information on this and other solutions provided by Sky Technologies, please visit our website:

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skytechnologies

Mobile business framework for SAP® ERP

The Solution

The final solution was delivered using **SkyMobile**, which enabled the RF applications to be developed inside SAP®, without the need for any middleware. The Samoan operations (where connectivity to the SAP® system is unreliable) have store-and-forward capability, so if, or when, the connection is down, production recording can continue with no impact to the shop floor staff.

Phase II enhancements included a complete stand-alone warehousing application which was developed for the new distribution facility in Adelaide, Australia. All inventory and despatch functionality can be processed 'locally' without a connection to SAP®. SAP® updates are subsequently synchronised back to the SAP® system when the connection is available.

AAPL have also undertaken to integrate this distribution centre model with their customer's production line which will enable real-time production demands to be fed into the warehousing application for picking. **SkyMobile** is capable of delivering such flexible solutions.

Device & System Management

The device management console resides inside SAP® and enables support staff to view every detail associated with the remote **SkyMobile** servers. Information such as logs, configuration, database definitions and data can all be easily displayed from the server's administration web page via the Local Area Network.

Future Proof

The scalable architecture of **SkyMobile** enables AAPL to deploy any number of applications in order to meet business needs. AAPL's IT staff use the application workbench inside SAP® to configure new applications as is needed by the business.

About Sky Technologies

Sky Technologies specialises in Enterprise Mobility, Point of Sale and Integration for SAP®. With a strong focus on innovation, Sky Technologies has developed a SAP® certified technology platform to deliver middleware free mobility (SkyMobile), low cost integration (SkyConnect) and fully functional point of sale (SkyPOS) solutions that are embedded within SAP®. Sky Technologies has a client base that spans 5 continents and 22 countries and continues to deliver solutions to SAP® customers which reduce costs, create customer value, empower users and enable a greater return from your investment in SAP®.

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