
Retail Solutions Asia Pacific

AdvanceRetail Enterprise Data Connector for SAP

V1.04

RETAIL SOLUTIONS.
Asia Pacific

AdvanceRetail Enterprise Data Connector for SAP

The AdvanceRetail Enterprise Data Connector for SAP provides a direct, seamless interconnection between the SAP for Retail solution and the AdvanceRetail POS system

Benefits:

- Simplifies and shortens implementation times
- Typically meets 90%+ of functional and technical requirements “out-of-the-box”
- Customer-specific customisation is performed through well-defined maps
- Is purpose built to handle the high volume of data moved between systems
- Is offered in “Standard” and “Advanced” models to suit the needs of your Enterprise
- Is based on the ARTS IXRetail standard (Association for Retail Technology Standards)
- Utilises SAP System Manager for operational management and exception reporting

Store Processes Supported

The Standard connector supports the exchange of:

- Standard POS sales and returns transactions
- Current and future prices (promotional, mark-down, permanent)
- Product identification through multiple barcodes
- Product prompts at register
- Price / barcode information lookup for current and future prices
- Stocktake requests (to stores) and stocktake results (from stores)
- Inventory adjustment transactions (write on / write off / SKU conversions)

The Advanced connector supports the exchange of :

- Layby of products into a separate storage location for customers including the initial transaction, progress payments, cancellations and final payments
- Customer orders for product procured to order, product ordered out of range through placeholder SKUs, and product orders due to out-of-stock situations
- Special, customer-specific pricing can be accommodated if required
- Promotions modelled in SAP for bonus buys and free merchandise

Head Office Processes Supported

The Enterprise connector seamlessly integrates into the SAP POS interface environment, including:

- Status and messages returned to SAP when the interface information has successfully been passed to the AdvanceRetail POS
- Error messages if any mapping or transactional errors occur in the interface

Data Mapping Solutions Provided

The following master data information is expected from SAP:

- Assortment list information for SKUs and pricing information for retail and promotional prices
- Barcode messages to support multiple barcodes
- Customers (debtors)
- Vendors (creditors)
- Complex promotions / bonus buys and discounts (Advanced module)

Transactional information mapped as standard includes:

- Register transactions to SAP by receipt
- Financial transactions to SAP by receipt
- Stocktake transactions to POS and results to SAP

Payment types:

- Through standard nomenclature payment types can be added to SAP and AR without having to change the interface

Special article type:

- Flexible mapping to allow any SAP article type to be mapped to any AR physical / non-physical article

SAP Outbound and Inbound Messages

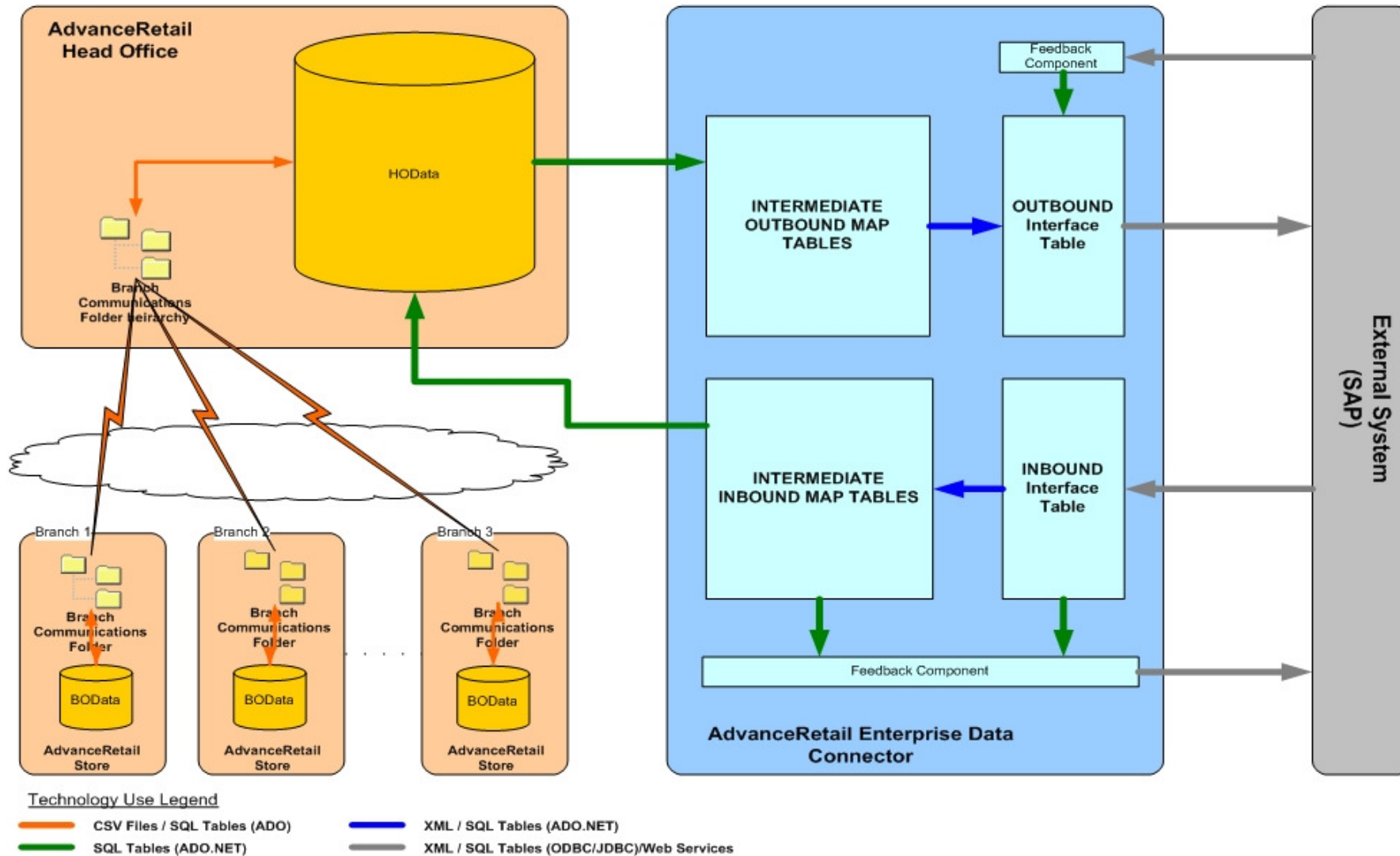
Messages exchanged: outbound (to POS Head Office):

- WBBDL D Assortment list
- WP_EAN Barcodes
- WPDWGR Merchandise hierarchy
- WPDDBY Bonus buys
- WPDREB Promotional discounts
- WPINVE Inventory count requests

Messages exchanged: inbound (from POS Head Office):

- WPUBON Sales transactions, trickle-feed
- WPUWBW Goods movements
- WPUFIB Financial transactions (store daily banking)
- WPINVE Inventory counts
- STATUS Status information
- WPUERR Error information of subsystem

System Schematic



Support

The Connector supports the following AdvanceRetail POS versions:

- AR version 2.1X
- AR version 2.2X
- AR version 2.3X is in beta release. When this version has been commercially released the AREDC will be validated against it

Support:

- The AdvanceRetail Enterprise Data Connector for SAP is supported by AdvanceRetail and Retail Solutions Asia Pacific
- Support contracts are available from either organisation

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Retail Solutions Asia Pacific provides independent locally based expert information technology and business consulting services to Australian and New Zealand-based organisations in the retail, wholesale distribution, manufacturing, utilities and forestry sectors.

Our team of consultants has extensive international experience in a very wide range of retail sectors and across a broad range of enabling technologies.

In addition to the full range of SAP advisory, implementation, development, upgrade and support services, RSAP also offers strategic, program and project management, business, technical, core functional and change management consulting services to the general retail and distribution sector.