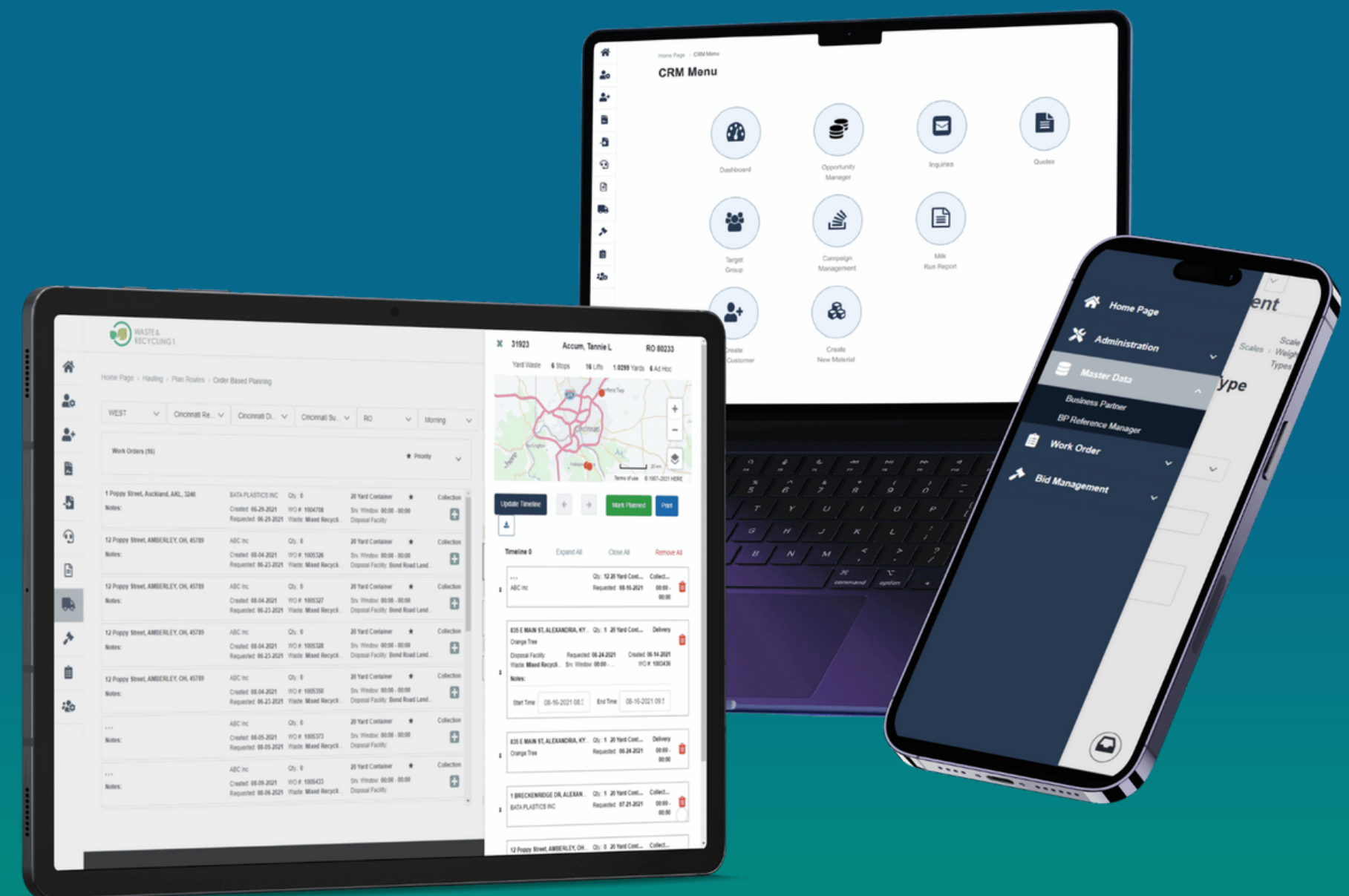# ISBGLOBAL SMART SOLUTIONS

SAP - OutSystems Integrations

DIGITAL GUIDE

SAP accelerators developed by ISB Global Smart Solutions to help speed the time-to-value for OutSystems customers that want to extend their SAP applications with a high-performance low code solution.

outsystems **Partner** SALES DELIVERY

SAP **Partner** TM

SAP – OutSystems Integrations.

Integrate SAP to OutSystems and instantly connect Accounts, Finance, Business Partner, Customer, Supplier, Web Portal integrations and much more.

ISB Global Smart Solutions produce SAP accelerators to help speed the time-to-value for OutSystems customers that want to extend their SAP applications with a high-performance low code solution.

Over 80 business scenarios delivered within 27 pre built interfaces; including Accounting, Finance & Stock, Business Partner, Customer & Supplier Services, Logistics and Payments Integrations developed between OutSystems and SAP.

Our integrations are best of breed and built for purpose utilizing SAP Cloud Platform Integration (CPI). SAP CPI provides the following additional benefits:

- A central point to manage your entire System Landscape
- Pre-delivered content using SAP Best Practices
- Built in message monitoring & alerting
- Automatic email alerts on integration errors
- Token security as standard
- Prebuilt integration packs and business events
- Easy re-usability of code and services
- Easily connected omni-channel experiences for all
- Build low-code APIs using graphical mapping editor
- Much less coding is required than traditional SAP Implementations
- Little to no Abap programming required
- Easy to support and knowledge transfer
- A solution to complex business challenges

Accounting & Finance Integrations.

Accounting and Finance integrations developed between OutSystems and SAP.

SAP to OutSystems: Invoice

Sends SAP Billing Document Back Up to OutSystems once the invoice documents are created in SAP to send to the customer. The Invoice # and Line # are sent back for reference and used for lookup.

OutSystems to SAP: Adjustments

Process adjustments which generate credits against existing work orders that have already been sent to SAP from OutSystems using the invoice information returned to SAP. Also creates invoice adjustments for billed work orders that have been updated because of a mid-period cancellation.

OutSystems to SAP: Contracts

Sends work orders from OutSystems to SAP to create Contract sales document types to SAP for work orders that are billing for a period with a start and end of the service period.

OutSystems to SAP: Contract Changes

Sends modifications from OutSystems to SAP to update an existing Contract sales document type.

Accounting & Finance Integrations. (cont.)

Accounting and Finance integrations developed between OutSystems and SAP.

OutSystems to SAP: Journal Entry

Sends a work order to post an Account Document in SAP for a given company code. It will post a document that represents a posting between internal entities.

SAP to OutSystems: Materials

Sends material master data from SAP to OutSystems. These are normally materials that were originally created in SAP.

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SAP to OutSystems: Purchase Order

Creates a Purchasing Document in SAP using work order data originating in OutSystems.

OutSystems to SAP: Purchase Order

Sends work orders to SAP to create Sale Order document to SAP.

Business Partner Integrations.

Business Partner integrations developed between OutSystems and SAP.

OutSystems to SAP: Customer BP General

Creates a Business Partner in S4 using a BP General created in OutSystems. Sends BP information to SAP from OutSystems, specifically sends the BP general view to SAP.

OutSystems to SAP: Customer BP Service Address

Creates a Service Address BP in S4 using an Address created in OutSystems to extend a BP as a Service Address. It will extend the necessary views needed for a service address / ship-to address and create any data needed to add this BP as a service address on a sales document.

OutSystems to SAP: Customer BP Contact

Creates a Contact BP in S4 using a Contact created in OutSystems. It will load the phone number, email address and department details to reach out to customer on specific matters.

OutSystems to SAP: BP Customer

Extends a Business Partner to a Customer Role and sends customer related data to S4 using a Customer created in OutSystems. This will extend the necessary views needed for a customer to be added as a 'sold-to' for a sales document.

OutSystems to SAP: Customer BP Vendor

Extends a Business Partner to a Vendor Role and sends vendor related data to S4 using a Vendor created in OutSystems. This will extend the necessary views needed for a vendor to be used in purchasing and in AP financial postings in SAP.

Customer Services Integrations.

Customer Service/Self-Service integrations developed between OutSystems and SAP.

OutSystems to SAP: Advanced Search

Searches for customer in SAP S4 based on Document number, Check number or amounts.

OutSystems to SAP: Billing History

Retrieves Sales History and ageing from SAP S4 for a customer account.

OutSystems to SAP: Credit Collections

Retrieves open items from SAP S4 for a customer account.

OutSystems to SAP: Customer Landings

Retrieves Account Balance, Number of disputes and last promise day for a customer account.

Customer Services Integrations. (cont.)

Customer Service/Self-Service integrations developed between OutSystems and SAP.

OutSystems to SAP: Disputes

Sends a dispute message relating to an open SAP S4 document for a customer account.
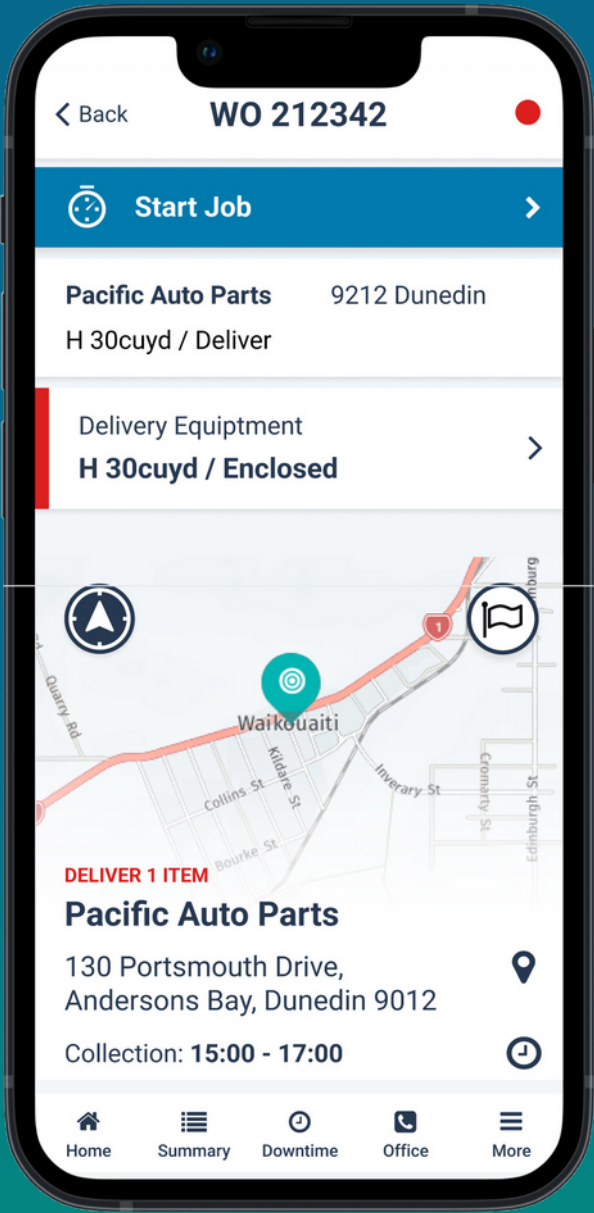
OutSystems to SAP: Disputes Get

Retrieves list of disputes by document for a customer account.

OutSystems to SAP: Promises

Sends a promise to pay message relating to an open SAP S4 document for a customer account.

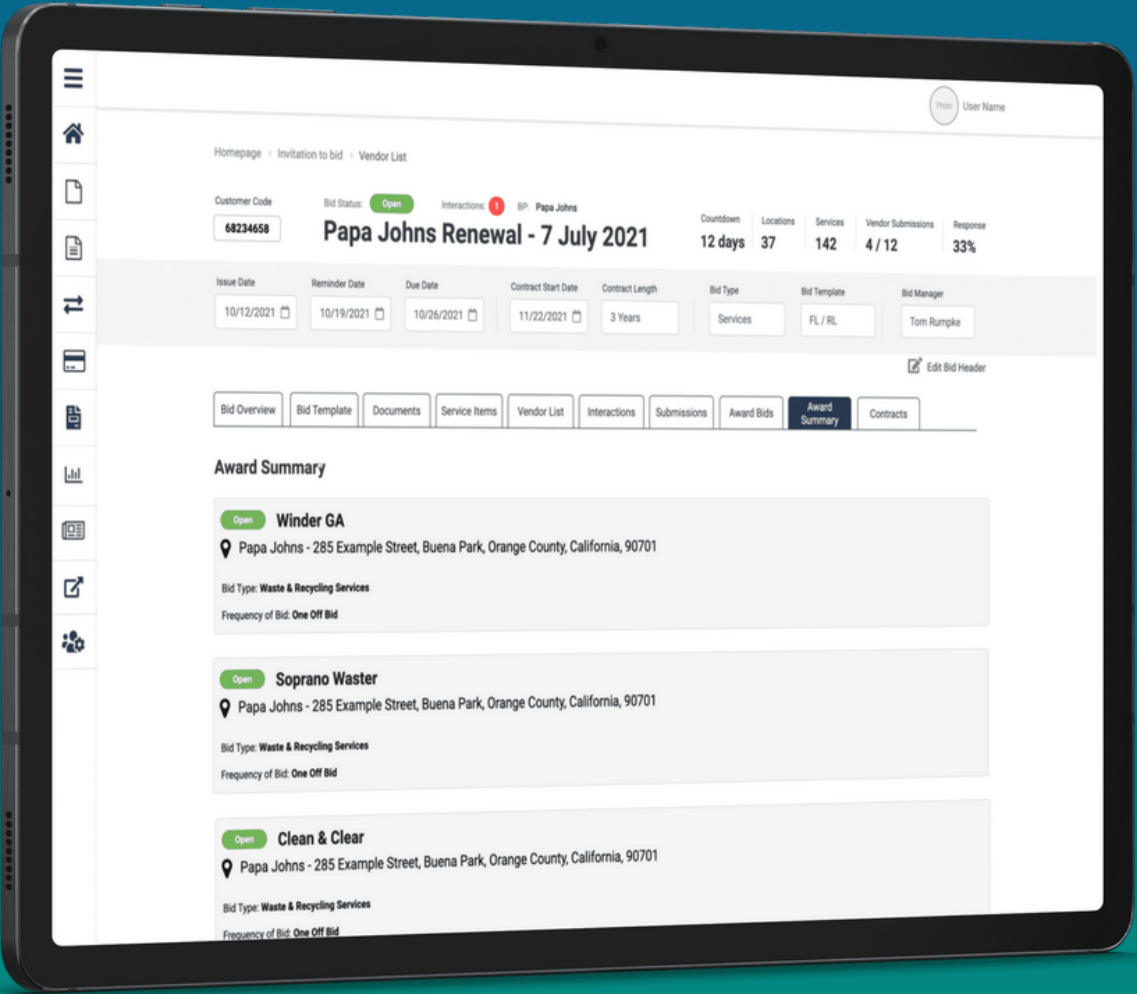## OutSystems to SAP: Promises Get

Retrieves list of promises by document for a customer account.

Unlock the Power of your Systems.

Integrate SAP S4 HANA with ISB Global's OutSystems low code SAP Accelerators. Instantly connect Account, Finance, Business Partner, Customer, Supplier, Web Portal integrations and much more with OutSystems.

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OutSystems
Free Demo

SUSTAINABLE DEVELOPMENT GOALS

outsystems Partner | SALES DELIVERY

amazon web services | Partner Network | ADVANCED TECHNOLOGY PARTNER

SAP Partner