

SAP® Certified

Integration with SAP NetWeaver®



MOBILE ASSET MANAGEMENT

Overview

This large division of a multi-national automation company is a leading provider of automation and information technology, systems, software solutions, services and consulting to the global manufacturing and infrastructure industries. Headquartered in North America, its solutions are used by more than 40,000 clients around the world in more than 200,000 plants and facilities.

The company's approximately 9,000 employees and its global partner ecosystem integrate these products and services to help clients collaborate across systems and enterprises in real time, extracting critical data to make faster, better decisions and synchronize their operations from the plant floor to the executive offices, aligning production goals with business objectives.



The company sells an enterprise software product providing asset tracking, data collection and integration solutions to process industries. This Mobile Workforce and Decision Support System brings the field operator into the automation loop by using a combination of workflow management software, mobile handheld computers and Radio Frequency Identification (RFID) equipment tags to deliver a better decision support system for managing plant assets.

The Challenge

The manufacturing software products company recognized early on that they needed a way to efficiently and cost-effectively deploy their mobile asset management product at those customers who were running their business using SAP. Without any depth of in-house knowledge of SAP combined with a targeted customer base that was heavily using SAP they knew that they needed help. They realized that they needed a way to unify all of their SAP interfaces into a single technology, allowing them to focus their in-house product development efforts on their core strength: delivering superior mobile asset management solutions for the process industry.



The Solution

A number of SAP interfaces have been developed to provide a comprehensive but easy to deploy solution for connecting their product to SAP. Today NLINK is deployed at a variety of global companies, at numerous locations throughout North America, Europe and Asia.

SAP Interface Descriptions

NAME	SAP INTERFACE DESCRIPTION
Download Priority Code List	This download retrieves notification priority codes specific to SAP IMG based on the specific SAP configuration for the customer.
Download Notification Type List	This download retrieves notification type codes specific to SAP IMG based on the specific SAP configuration for the customer.
Download Equipment List	This download provides a list of Equipment Assets, with filtering to limit the returned list to only those of interest.
Download Functional Location List	This download returns a list of functional location assets, with filtering to limit the returned list to only those of interest.
Download Work Center List	This download retrieves a list of work centers defined in the customer's SAP configuration for each plant; to be used for work order assignment pick-list parameters.
Download Catalog Profile List	This download returns a list of problem codes, cause codes, and catalog profiles defined in the customer's SAP configuration; to be used for work order assignment pick-list parameters.
Download Notification List	This download retrieves a list of SAP notifications created / updated over the past (user defined) number of days. This allows users to see if SAP work notifications for a particular asset / problem have already been created, and to monitor its status.
Create SAP Work Notification	This interface creates SAP Work Notifications by posting to the SAP Plant Maintenance (PM) module against the appropriate Equipment or Functional Location.

Benefits

This company now has a mature, standard and repeatable SAP interface solution that can be easily and quickly deployed regardless of industry, SAP version, or the end customer's unique SAP customizations.

Junot Systems trained this company's customer support and professional services staff to be able to deploy the solution at their customer sites. Today, all customer deployments are carried out by their own in-house professional services personnel while Junot Systems professional services group provides support and assistance in the background as and when necessary.



This customer gained a clear competitive advantage by embedding Junot's low-cost out-of-the-box NLINK integration solution into their product. The process was quick, simple and much more cost-effective than starting an internal custom development effort.

Whenever any prospective partner enters into a full partnership with Junot Systems they receive access to our SAP experts, backed by our in-house SAP R/3, SAP ECC and S/4HANA systems, and are provided with sales and marketing support during their SAP-related product sales. Most importantly, we work with our partners to develop a pricing model for the integration solution that is value-based and will not overwhelm the base price of their product.

About Junot Systems

Junot Systems, Inc. is a specialist provider of SAP integration solutions for the manufacturing and process industries. Headquartered in Houston, Texas, Junot Systems, Inc. has deployed and supported its NLINK product suite for over 20 years in a variety of vertical markets, both in the US and overseas.

About Junot Systems' Solutions

NLINK® is a configuration-based product suite that installs in minutes and requires absolutely no custom coding to be deployed. NLINK's patented and SAP Certified Interfaces work with any version of SAP and require no additional SAP components to be purchased or installed into the SAP landscape.

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