

InsiteConnect for Prophet 21 (P21)

INTEGRATION OVERVIEW

Integration to an ERP is critical for a successful eCommerce implementation. It is imperative that the data flow between the eCommerce and ERP systems are in sync for business rule enforcement and automation of order processing. Insite has created a standard integration connector into Epicor P21 that leverages the ERP's critical data and order constructs. This pre-established integration connector enables a quick-to-market implementation, helping a company deploy an eCommerce site integrated with P21 that has robust functionality and is tightly coupled.

INTEGRATION ARCHITECTURE

InsiteConnect for P21 involves three types of data flows: refreshes, submissions, and real-time calls. Refresh jobs pull data sets from the ERP and replicate that data into the Insite database for use on the site. The refresh jobs are executed by running queries directly against the P21 database. Submissions push data from Insite into

SOLUTION HIGHLIGHTS:

- Configure the bi-directional flow of data between InsiteCommerce® and P21 through the InsiteCommerce admin console
- Utilize refreshes, submissions, and real-time calls depending on data type
- Supports inventory, availability, taxes, order submission, credit card validation and more

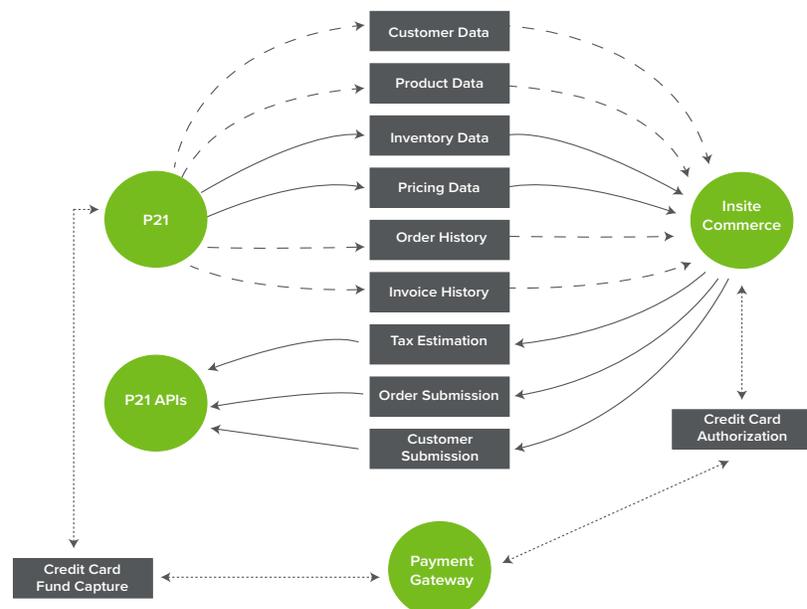
the ERP, leveraging the Epicor P21's APIs. Real-time calls can also made to P21 or a third-party tax software for tax quotes and to third-party payment gateways should either be required for the implementation. The following diagram shows the high-level data constructs and flows that are included in InsiteConnect for P21.

InsiteCommerce: InsiteConnect™ for P21 Integration Process Flow

- Integration Method Key**
- > Scheduled Database to Database Refresh
 - Real-Time API Call to P21
 - Method Dependent on 3rd Party System

Note

This document is meant to display a typical integration architecture to P21. Final implementations can vary, depending on the configuration/setup of P21, third party systems, and the methods available to connect to these systems.



To learn more visit www.insitesoft.com

REFRESHES

Refreshes involve Insite acquiring data from the P21 database via a direct ODBC connection. The ERP data is replicated into the Insite database for use throughout the site.

Refresh jobs can be scheduled individually to run as frequently as needed, depending on the business requirements. For example, the Product, Customer, Order History and Invoice History refreshes may be scheduled to execute nightly.

SUBMISSIONS

Submission calls to the P21 APIs allows Insite to place orders into P21 from the eCommerce site. If orders can be placed on the eCommerce site using credit cards, Insite will submit the necessary credit card authorization information into P21 in order for the ERP to capture funds against the credit card transaction executed by Insite. If an implementation allows for Customer and/or Ship-To records to be created and/or edited on the site, the APIs also are used to update the ERP.

REAL-TIME CALLS

For implementations that require up-to-the-minute pricing and inventory data, Insite supports real-time calls to the P21 APIs. To ensure a performant site experience, the Insite architecture will start rendering a page at the same time a price call is made to the API, and fill in the price & inventory after it has been returned from the API.

If taxes need to be calculated on the site, Insite will make a real-time call to the P21 APIs in order to obtain a tax quote on the order. This tax amount is shown to the user or third party so that they are aware of the tax amount that will be applied to their order.

Real-time calls are often made to a third-party payment gateway if the eCommerce site accepts credit cards as a form of payment. Insite will make a real-time call to the payment gateway interface, securely submitting the user's credit card information for processing. Upon a successful response, Insite will submit the order into P21, passing the necessary payment gateway transaction information into the ERP. This enables P21 to execute a transaction to capture the necessary funds when the order is shipped.

CONCLUSION

With InsiteConnect for P21, companies can quickly bring to market a fully-integrated and feature-rich eCommerce site with minimal effort. It ensures that the critical ERP data and business rules are reflected within the eCommerce site.

InsiteConnect for P21 is one of many B2B functionalities built natively into InsiteCommerce. Want to learn more? Visit www.insitesoft.com or call us at **1-866-746-0377**.

To learn more visit www.insitesoft.com