Insite®

InsiteConnect for A+

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 A+ 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 A+ that has robust functionality and is tightly coupled.

INTEGRATION ARCHITECTURE

InsiteConnect for A+ 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 A+ database. Submissions push data from Insite into

SOLUTION HIGHLIGHTS:

- Configure the bi-directional flow of data between InsiteCommerce® and A+ 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
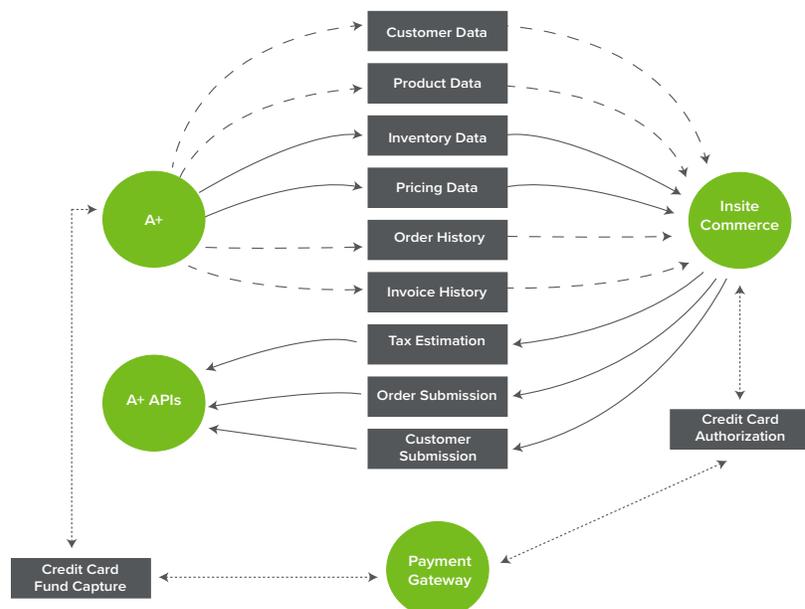
the ERP, leveraging the A+ APIs. Real-time calls can also made to A+ or a third-party tax software for tax quotes and to third-party payment gateways should either be required for the implementation. The following diagram shows the high-level data constructs and flows that are included in InsiteConnect for A+.

InsiteCommerce:
InsiteConnect™ for A+ Integration Process Flow

Integration Method Key
- - → Scheduled Database to Database Refresh
— → Real-Time API Call to A+
········ Method Dependent on 3rd Party System

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

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REFRESHES

Refreshes involve Insite acquiring data from the A+ 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, to meet 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 A+ APIs allows Insite to place orders into A+ 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 A+ 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 A+ 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 A+ APIs in order to obtain a tax quote on the order. This tax amount is shown to the user 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 A+, passing the necessary payment gateway transaction information into the ERP. This enables A+ to execute a transaction to capture the necessary funds when the order is shipped.

CONCLUSION

With InsiteConnect for A+, 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 A+ 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.**

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