

## Pantellos Trading Community Integration with webMethods

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<b>Background</b>	<p>The Pantellos Marketplace is composed of a suite of technology-enabled supply chain solutions and services. The Pantellos Trading Community consists of the Pantellos Marketplace, its Members, business partners, and other marketplaces. Within this Trading Community, each party has unique supply chain business processes and technology systems that all interact with the Pantellos Marketplace. The complexity of creating optimization across multiple industry supply chains and technology systems requires Pantellos to utilize a technology framework that allows for flexible and scalable integration across the Trading Community.</p>
<b>Issue</b>	<p>Pantellos continues to extend its suite of solutions and systems, as well as support the integration of Members, partners and other marketplaces with diverse technologies. A best-of-breed integration technology is critical to Pantellos' strategy and continued successful growth.</p>
<b>Approach</b>	<p>Pantellos has selected webMethods' Trading Network Solutions as its preferred Marketplace integration framework.</p> <p>Pantellos' selection of webMethods was based on an evaluation of best-of-breed B2B integration technologies, within the context of Pantellos' overall Marketplace and Enterprise technology vision, as well as our Members' and partners' diverse technology platforms.</p>
<b>Solution/ Position</b>	<p>webMethods B2B integration technology is the preferred solution for Pantellos Members to integrate with the Marketplace. It will provide our Members with integrated access from their Enterprise business systems to Pantellos integration enabled supply chain solutions.</p> <p>The Pantellos webMethods partnership provides Members with the information, tools, proven methodology and support they need to easily implement webMethods and integrate to the Pantellos Marketplace.</p> <p>In addition to utilizing webMethods as an external integration framework, Pantellos will use webMethods to integrate its internal and external Enterprise systems to the Marketplace. These solutions include Pantellos' data warehouse, financial and customer relationship management systems.</p> <p>This document presents the webMethods integration options and roadmap for buyers and suppliers.</p>
<b>Next Steps</b>	<p>Pantellos will continue to publish documents that provide more detailed information on the topics referenced in this Position Paper. All of these documents will be available in the Pantellos Marketplace at <a href="https://www.pantellos.com/marketplace">https://www.pantellos.com/marketplace</a> .</p> <p>The next publication will be the Member Enablement Program Overview for webMethods integration to the Pantellos Marketplace</p> <p>Additional information about webMethods technology can be found at <a href="http://www.webmethods.com">www.webmethods.com</a> .</p>

# Pantellos Trading Community Integration with webMethods

## Pantellos Technology Architecture with webMethods

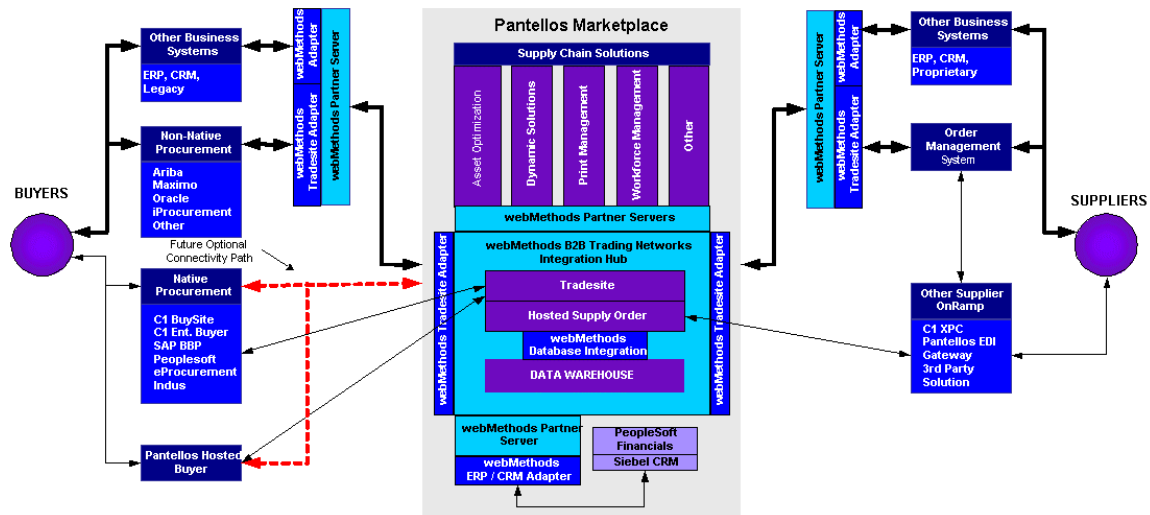


Figure 1) Pantellos Technology Architecture using webMethods Trading Networks.

## Pantellos webMethods Integration Strategies

Following is a listing of the various Buyer and Supplier integration strategies and how they interact with webMethods.

### COMPLETE SUPPLY CHAIN INTEGRATION SCENARIO

With the adoption of the webMethods Framework, all Pantellos members will be able to benefit from the deployment of a webMethods Partner server from the standpoint of supply chain service integration. Each webMethods Partner Server will ship with a Business System Adapter (ERP, CRM, etc) that will provide the ability to integrate Pantellos Supply Chain Solutions activities to their back office systems. The details regarding availability and distribution of Partner Servers to Members will be addressed in detail in subsequent Position Papers.

### BUYER PROCUREMENT SCENARIOS

#### Scenario 1 - Buyers Using Procurement Tools with Native Connectivity

In scenario 1, buyers are using procurement tools such as Commerce One Enterprise BuySite, SAP BBP, PeopleSoft eProcurement, or Indus BuyDemand which already integrate to Commerce One MarketSite powered marketplaces without modification or customization. These tools either make native connections to Tradesite in the Pantellos Marketplace, or have been "onramped" using Commerce One's XPC development toolkit.

Buyers that fit into this category will not be directly impacted by the deployment of webMethods in the Pantellos Trading Community. In the future, these members will have the option to send their transactions to the Trading Networks Hub in lieu of sending directly to Pantellos Tradesite. The Trading Networks Hub will then route the transactions to the Tradesite processing system. The bold red dashed connectivity path in *figure 1* indicates this flow. The migration to this connectivity path will be transparent to the buying organization.

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### Scenario 2 - Buyers Using Pantellos Hosted Buyer

In scenario 2, buyers using Pantellos' hosted buying solution will not directly be impacted. In the future, Pantellos plans to migrate transaction flow from the existent direct connection to the Tradesite transaction processing system to the Trading Networks Hub where it will be routed accordingly. This change will be completely transparent to buyers using Pantellos Hosted Buyer.

### Scenario 3 - Buyers Using Non-Native Procurement Tools

In scenario 3, buyers using non-native procurement tools such as Ariba Buyer, PSDI Maximo, Oracle iProcurement, other ERP/EAM systems will now be able leverage the rapid integration benefits of using webMethods Partner Servers to onramp their procurement tools to the Pantellos Marketplace.

. By using webMethods Partner Server with a Tradesite Adapter, organizations will be able to map their internal transaction structures to Pantellos' xCBL standards and dispatch these documents to the Marketplace. Additionally, this architecture will allow the buyer to receive documents from Pantellos and map them into their internal structures. As with the previous buyer scenarios, in the future Pantellos plans to migrate transaction flow from a direct connection to the Tradesite transaction processing system to the Trading Networks Hub where it will be routed accordingly.

## SUPPLIER PROCUREMENT SCENARIOS

### Scenario 1 – Suppliers Using Non-webMethods OnRamp Technology

In scenario 1, hosted and integrated suppliers are using technologies such as Commerce One's XPC development toolkit, the Pantellos EDI Gateway, or simply logging to Pantellos Hosted Supply Order to manage their order fulfillment activities.

Pantellos deploying webMethods into the Trading Community will not directly impact suppliers that fit into this category. In the future, these members' transactions will not flow directly into Pantellos' transaction processing system, rather they will send their transactions to the Trading Networks Hub where such transactions will be routed to the Tradesite transaction processing system (this will be invisible to the Marketplace members). Additionally, these suppliers will always be provided the opportunity to upgrade to a webMethods integration approach when it is appropriate for their organization.

### Scenario 2 – Suppliers Using webMethods OnRamp Technology

In scenario 2, suppliers are using a webMethods Partner Server with a Tradesite Adapter to rapidly integrate their order fulfillment system in to the Pantellos Marketplace. These organizations will be able to map their internal transaction structures to Pantellos' xCBL standards and dispatch these documents to the Marketplace. Additionally, this architecture will allow the supplier to receive documents from Pantellos and map them into their internal structures. As with the previous scenarios, Pantellos plans to migrate transaction flow from a direct connection to the Tradesite transaction processing system to the Trading Networks Hub where it will be routed accordingly.

## Overview of the webMethods Solution Offerings that Pantellos will deploy within its Trading Community.

webMethods Trading Networks: The only B2B Integration software solution of its kind, webMethods for Trading Networks accelerates B2B integration, adds document routing intelligence and increases visibility across the entire trading community. Trading Networks will become the central hub for all Pantellos supply chain value added services.

webMethods Partner Servers: Partner servers provide all the software required for supplier members to connect/integrate directly to our marketplace from their order fulfillment system. In addition, Partner servers provide all of the software required for non-native Commerce One MarketSite enabled procurement tools to interoperate with the Pantellos Marketplace. Included in a typical Partner server deployment are a Tradesite Adapter, and one back office integration adapter.

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EAI adapters: EAI adapters allow Pantellos to integrate its internal systems to one another (e.g. PeopleSoft Financials to Tradesite). This allows Pantellos to execute the vision of seamless integration across marketplace solutions into front office and back office platforms (e.g. Siebel, PeopleSoft, Data Warehouse)

webMethods B2B.com: B2B.com provides an essential trading partner integration website for accelerating partner server deployment. B2B.com is a webMethods hosted Internet site, which will be branded as Pantellos and will be available at via the URL <http://pantellos.b2b.com>. It will offer a streamlined rollout methodology for member integration and powerful tools for partner knowledge management and reporting. Among the features provided will be one-step customized processes, centralized software download, diagnostic testing, and indispensable library of pre-defined maps, custom database of updated trading partner profiles, and help desk support.

### For additional information:

Please contact *Mark Mahadeo, Director of Technology Solutions* at [Mark.Mahadeo@pantellos.com](mailto:Mark.Mahadeo@pantellos.com)

# Pantellos Trading Community Integration with webMethods

Enlarged View of Pantellos' Technology Architecture with webMethods

