

# Viewlocity Supply Web Application

Data sheet



Viewlocity's Supply Web Application (SWA) provides visibility across the entire supply chain, bridging the gap between planning and executing applications by noting when actual circumstances deviate from a plan. What's more, it empowers companies to adjust quickly before a single deviation results in a missed customer expectation or an expensive recovery. The Supply Web Application does not replace existing systems—rather, it unlocks their value by providing a single picture of the supply chain across a myriad of internal systems and across all trading partners within the supply chain.

## Key features and benefits

- Shares real-time supply and demand information across trading partners
- Collaborates to plan and coordinate activities
- Monitors supply-chain activities against the plans
- Monitors actual conditions against planning assumptions
- Detects deviations
- Determines impact of feasible response actions
- Performs closed-loop execution of plans and adaptations across the supply chain
- Empowers customers that essentially pull product through plan laid out by entire trading community

The Viewlocity Supply Web Application unlocks the value of existing systems by providing a single picture of the supply chain.

Viewlocity's SWA is designed specifically to place powerful tools in the hands of the people who need them, enabling customers to view the most up-to-date information about the state of their supply chain, to collaborate with other customers about exceptions and issues, to rapidly—and intelligently—respond to exceptions, and to report on key performance indicators and other supply-chain measures.

The Viewlocity SWA eliminates the need to manage multiple systems by taking advantage of fundamental HP NonStop architecture features and capabilities—fault tolerance, scalability, data integrity, and reliability. Viewlocity complements the HP Real Time Supply Chain (RTSC) operational data store (ODS) and provides event reporting and management in real time, resulting in accurate and critical information for supply-chain managers. Industry-standard infrastructure enables IT managers to leverage existing skill sets within their organization. Armed with this important information, planners can quickly adapt their businesses to the rapidly changing worlds of manufacturing, logistics, order management, purchasing, and merchandising. Only Viewlocity SWAs running on the HP RTSC Data Management Layer can offer these capabilities in real time.

## **Supply Web Application components**

### **Integration Center**

The biggest challenge in enabling Supply Chain Event Management (SCEM) is data acquisition. Viewlocity responds to this challenge with the Integration Center, a world-class integration broker that provides a comprehensive e-business and application integration platform complemented by a robust set of connectors. HP recognizes that integration and data quality are key concerns to businesses, regardless of their applications, and so the Integration Center is part of a modular solution. Customers can choose to leverage it or not, depending on their existing integration strategy and needs.

### **Community Manager**

The next biggest challenge is security—particularly as more trading partners gain access to a company's supply-chain information. Community Manager enables easy setup and administration of the trading community encompassed by the extended supply-chain participants using SWA. Each trading partner has access only to the information they need, while still being able to administer their own users and roles and grant access to their own suppliers or other trading partners if they choose. Community Manager also controls the user interface, allowing trading partners to set up their own look and feel for all SWAs.

### **Monitoring Engines (Inventory, Order, Shipment, and Forecast)**

Within the SWA Monitoring Engine, Viewlocity has four components—Inventory, Order, Shipment, and Forecast. Each component captures events and exceptions as they occur in real time. The real-time discovery of impending problems, and the relationship between each component as it relates to the event or exception, provide tremendous value to the trading community. Customers are given the context needed to evaluate the severity of the exception, the impact, and the required response. By providing monitor capability in a component fashion, HP is able to add new product components, extend the features of each component individually, and extend cross-component capabilities—maximizing the value that the SWA delivers.

## Alerting and the Escalation Manager

The Escalation Manager is the first step in managing the user interaction in response to an event. The Monitoring Engine passes events to the Escalation Manager, which notifies the affected parties and, when appropriate, ensures that they respond. Notifications can be managed across multiple devices, including cell phones and personal digital assistants (PDAs), and the Escalation Manager will manage notifications up a hierarchy if an individual is unable to respond.

## Collaboration Management Engine

If an immediate response is required, the Collaboration Management Engine generates solution alternatives. When an automated response is not able to execute, it facilitates a coordinated response across multiple parties and organizations. The Collaboration Management Engine also delivers the selected alternative back into the systems of record, closing the loop on the exception by executing the solution and capturing the actions of every participant for later analysis and improvement opportunities.

## Collaboration Portal

The Collaboration Portal manages several functions. It provides an online collaborative workspace for customers and Web forms that can be used to gather information from trading partners that lack automated systems. It allows customers to create personalized dashboards and alert subscriptions, producing an environment that customers come back to again and again for the information they need. If a company has an enterprise portal, the Collaboration Portal easily fits into an enterprise portal framework, raising the value of a company's existing technology investments even further.

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## Technical specifications

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### System requirements

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<b>Hardware</b>	At a minimum, an HP server running either HP-UX, Microsoft® Windows NT®, or Windows® 2000 operating system
<b>Software</b>	HP-UX; Windows NT; Windows 2000; Oracle® 9i; BEA WebLogic Server; Java™ 2 Platform, Enterprise Edition (J2EE) Components

### Supported HP platforms

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<b>Hardware</b>	HP servers running HP-UX (HP Superdome server), Windows NT, or Windows 2000 operating system (HP ProLiant server)
<b>Software</b>	HP-UX, Windows NT, or Windows 2000 operating system

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## Ordering information

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Part name	Order process
Supply Web Application	Contact vendor for ordering information.

## For more information

For more information about the Viewlocity Supply Web Application, visit <http://zle.inet.cpqcorp.net/object/RTSCKEYCTS.html>

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For more information, visit  
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02/2005

