IBM

WebSphere® software

WebSphere Business Integration solution for E2open

Highlights

■ **Accelerates e-business initiatives by leveraging advanced Web services integration technology**

■ **Enables rapid access to services for trading partners without rewriting or replacing existing systems**

■ **Helps provide data security and leverage open standards**

■ **Integrates back-end systems within a WebSphere software-based trading partner network**

■ **Facilitates sharing of business processes across the entire product lifecycle**

■ **Reduces inventory management costs and cycle times for key processes**

Using IBM WebSphere Business Connection software, E2open offers an affordable, easy-to-deploy solution that leverages advanced Web services integration technology.

The electronics industry is undergoing an important reconfiguration driven by the fundamental shift from a vertical to a horizontal industry structure. This shift is rapidly changing the way we do business. That means outsourcing core manufacturing and design function. Extending your procurement and sales activities to a global marketplace. And introducing positive working-capital models.

Industry reconfiguration has fragmented business information across the entire electronics industry value chain, resulting in major challenges. Management issues are increasingly complex. And the cost of interaction between companies is progressively more expensive.

Surviving the industry shift
The challenge faced by those who wish to successfully survive this industry shift is to adopt a next-generation solution for trading partner integration across electronics manu-facturers, distributors and suppliers.

To help provide data security and leverage open standards to lower integration costs, you need to execute rapid trading partner access to services without rewriting or replacing existing systems. Moreover, to effectively compete in the current e-business environment, you must meet two challenges: one, move business information among diverse sources to perform business exchange across the Internet; two, process business information through your disparate enterprise applications.

Accelerate your e-business with solutions from IBM and E2open

IBM and E2open work together to provide solutions that enable you to meet the demands of today's complex business environment head on. With WebSphere® software from IBM and a proven network from E2open—a software integration network infrastructure for companies within the electronics industry—you get affordable, scalable and secure access to E2open. Access that helps you collaborate with trading partners securely and dynamically, exchanging ideas and information across the product lifecycle.

Comprehensive software platform

Using IBM WebSphere Business Connection software, E2open offers a comprehensive software platform that leverages advanced Web services integration technology. By building on IBM middleware, E2open provides an industry integration network so you can manage product lifecycle business processes across electronics industry trading partners. Just some of the advantages include:

- *Web services-enabled software platform accessible through the Internet to support business-to-business process integration*
- *Secure infrastructure to provide highly reliable collaboration over the Internet that includes encryption, perimeter defense, cross-company single signon, roles-based authentication and authorization*
- *Private UDDI-based industry process directory to enable rapid, cost-effective registration of trading partner integration capabilities*
- *Web services-based gateway that can be easily downloaded, installed behind the firewall and automatically configured and tested for connection to the E2open network platform*
- *End-to-end process integration by leveraging worldwide business integration solutions, services and skills from IBM*

Share data and reduce costs

WebSphere Business Connection allows contract manufacturers, original equipment manufacturers (OEMs), distributors and suppliers to more easily integrate their back-end systems with E2open's network platform. Within this network, you can share data and business processes across the entire product lifecycle. This form of networked trading partner integration can help you achieve an overall reduction in expense and time.

The combined software and network solution also helps you:

- *Reduce inventory management costs across the value chain.*
- *Reduce cycle times in key processes, like product launches and cash-to-cash cycles.*
- *Reduce process costs through automation.*

By aligning with IBM and E2open, you can better address the challenges of trading partner integration. Start by automating order processing and making the forecasting process more accurate. Then collaborate, share and synchronize item specifications,

product engineering design and pricing information across manufacturers, distributors and suppliers. Guarantee message delivery, consistency and accuracy — in minutes, rather than days or even months.

E2open industry integration network

Building on WebSphere software, E2open's industry integration network offers an open, dynamic infrastructure that fundamentally changes the economics of trading partner integration in the electronics industry by:

- *Dividing infrastructure platform costs among network users*
- *Decreasing the number of integration points*

- *Reducing setup cost and time for each participant*
- *Lowering maintenance cost and time for each participant*

Choose the software that suits your needs

Customers can choose between four editions of WebSphere Business Connection — all designed to meet the needs of a wide range of trading partners. Each of the four editions offered — Business Connection Express Edition, Business Connection Express for E2open, Business Connection and Business Connection Enterprise Edition — present a modular approach that offers faster deployment, easier

application upgrades and the capability to reuse both business process flows and application access code. They also provide easy access to legacy systems over multiple channels:

Business Connection Express Edition

This edition includes the Web services Gateway and a Web services runtime environment capable of executing Java™ 2 Platform, Enterprise Edition (J2EE)/Web services-based business processes. It allows ten Web services-based connections and helps to lower implementation costs while speeding deployment for small business partners.
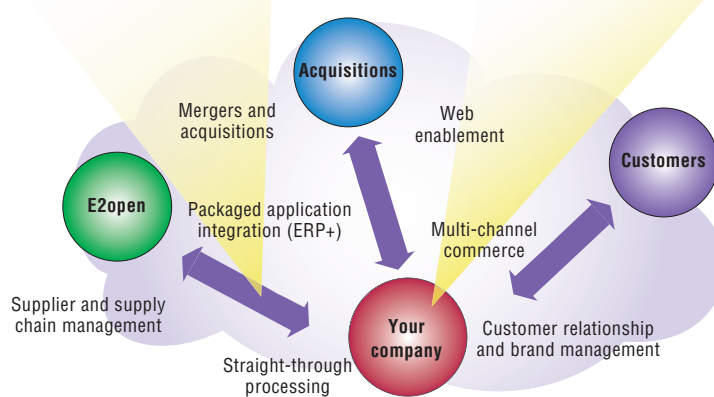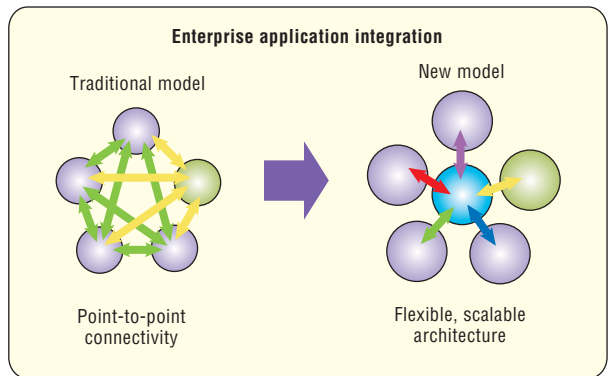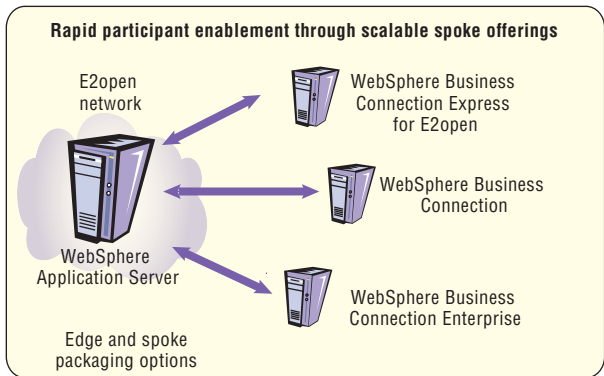
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Business Connection Express Edition
for E2open
This edition includes all of the Business
Connection Express components plus
E2open-specific Web Services exten-
sions providing added security and
the ability to subscribe to and publish
Web services into the E2open Process
Directory. This version is a download-
able, one-click installation subscription
license that provides connectivity
through E2open's network.

Business Connection
This edition offers the Web services
Gateway, IBM CrossWorlds®
Interchange Server, and can run—
but not modify—collaborations.
Business Connection also provides
trading partner management and
federated partner profile service.
It accommodates 50 Web services-
based connections and enables a
wide range of industry protocols,
including RosettaNet.

Business Connection Enterprise Edition
This edition includes both the
Web services Gateway and IBM
CrossWorlds TPI server. It also
includes the CrossWorlds Interchange
Server and tooling and provides
trading partner management,
federated partner profile and docu-
ment exchange services. Business
Connection Enterprise Edition accom-
modates 100 Web services-based
connections and facilitates electronic
document interchange (EDI) over
the Internet.

The future is now
The way you do business has
changed. To succeed within today's
shifting market configurations, you
need a smart solution. You need global
collaboration. A network for managing
product lifecycle business processes.
IBM WebSphere Business Connection
solution for E2open has the next-
generation solution for trading partner
integration. For more information, visit:

ibm.com/websphere/integration/
busconn