


e*i*platform



PilotFish
TECHNOLOGY





The next wave in e-Commerce

Recent breakthroughs in e-Commerce technology, together with the increased acceptance of industry XML communication standards, promise astounding improvements in the speed and cost of transacting business.

Avoid the undertow

Most companies today have a mix of systems, many of which were implemented long before the advent of industry XML communications standards. Companies typically support hundreds of interfaces and have to contend with the various operating systems, programming languages, data

formats and communication protocols that have accumulated over the years. Additionally, third parties are increasingly requiring that interfaces comply with the new XML standards. Upgrading or replacing the current systems to be standards compliant is so time-consuming and expensive, it simply isn't feasible. As a result, the promised benefits of standards-based communication remain elusive.

Discover the new world of XML standards-based integration

The XCS eiPlatform

The XCS eiPlatform from PilotFish Technology leverages application server technology, web services and industry XML standards to enable the deployment of internal and external system interfaces better, faster and less expensively than ever before possible. Specific benefits to be realized by implementing the XCS eiPlatform include:

- Dramatically lowering the total number of interfaces required between internal and external business applications by implementing a many-to-one and one-to-many (common model integration) method of managing interfaces.
- Rationalizing the myriad of data formats, communication protocols, programming languages and encryption methods used through transformation to a single common set of standards.

- Facilitating the management and propagation of information to support mission-critical applications, customer relationship management and business acquisition.
- Enabling the implementation of industry XML standards immediately, while still supporting the proprietary formats of internal and external applications and services.

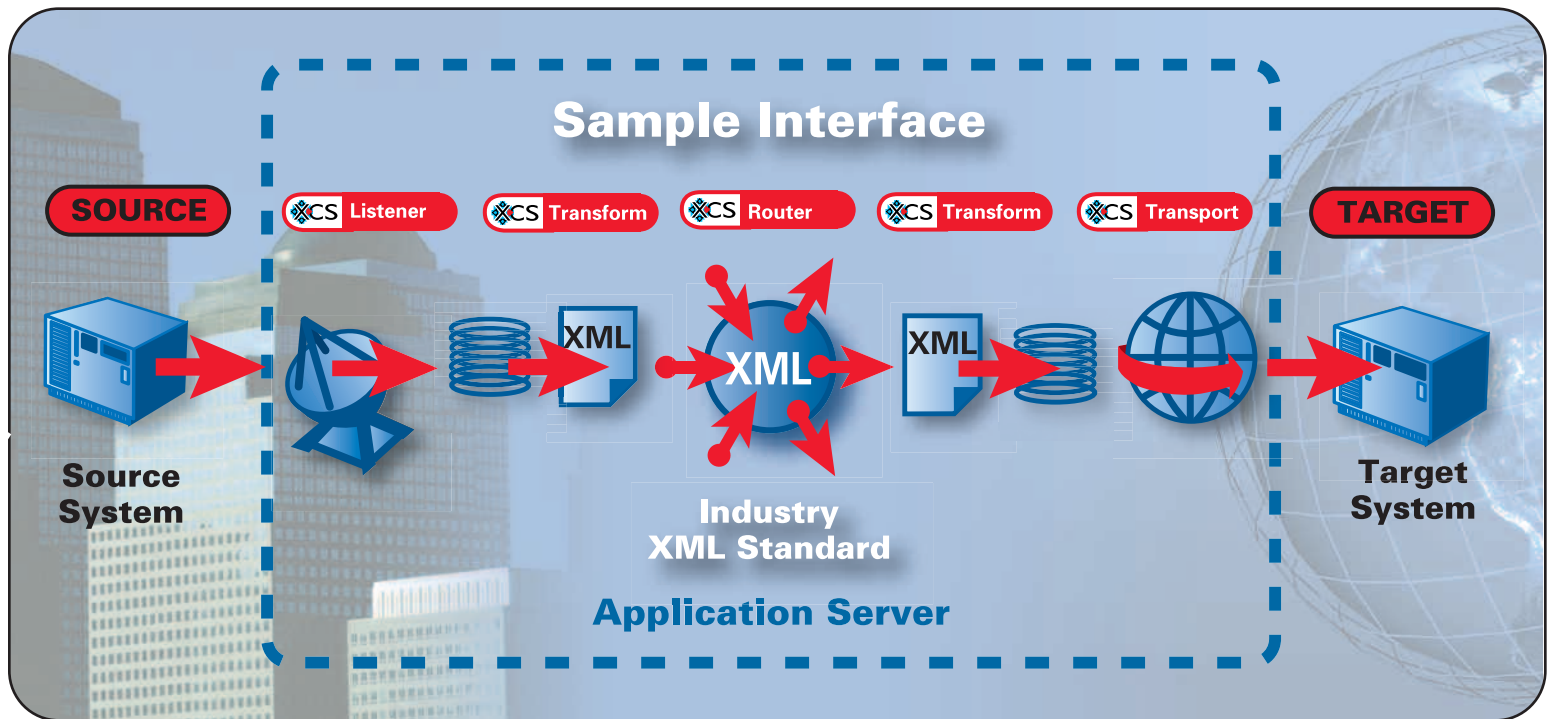
How the XCS eiPlatform works

In the sample interface depicted in the diagram above, the transaction passing through the XCS eiPlatform moves through five distinct stages:

1. The **Listener** component "listens" for information being output by the source system. Listeners cover most of the communication methods in use, including Database Tables, Directories, POP3 (email), FTP, HTTP Post, JMS/MQ, SFTP, SOAP and Programmatically through Java code. Custom Listeners may also be used to supplement those provided through the use of the XCS eiPlatform Extension Interface.

After a Listener has received a transaction, but before it is passed to the next stage, the transaction can be passed to a sequence of Processors. A Processor is a modular component that is capable of performing various operations, such as decryption or decompression of the data in the incoming transaction.





2. The **Transform** component transforms the data from the proprietary format of the system it came from into an industry XML standard. All of the popular XML standards are supported. Companies can also define their own “common model”, extend an existing one, or use a hybrid representing a combination of standards.

3. The **Router** component routes the data to the target system or systems using a routing rules engine. The Router component also captures and reports transaction detail, audit information and errors.

4. A second **Transform** component transforms the data from the industry-standard XML format to the format(s) of the target system or systems.

5. The **Transport** component is responsible for the delivery of the data to the target

system or systems in the exact format, transport and encryption method required. Transports include support for Database Tables, Directories, SMTP (outgoing email), FTP, HTTP Post, JMS/MQ, SFTP and SOAP. Custom Transports may also be used to supplement those provided through the use of the XCS eiPlatform Extension Interface.

Any interface deployed to the XCS eiPlatform can have as many source systems and target systems as required. Additionally, an unlimited number of interfaces can be deployed to a single instance of the XCS eiPlatform.

You're the Captain in command

All of the components that comprise the XCS eiPlatform framework and deployed interfaces are written in Java. The XCS

eiPlatform is compatible with all of the popular application servers, operating systems and platforms, so it is certain to work within your IT infrastructure. All of the components are easily configurable and extensible through open APIs. Your staff can quickly assume responsibility for building, managing and maintaining all of your company's interfaces. Ongoing support from PilotFish Technology is always available, but is by no means a requirement.

Catch the wave

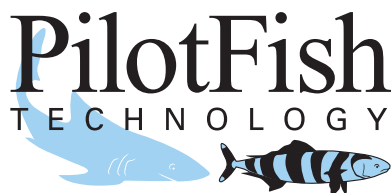
The next wave is here. Let PilotFish Technology help you realize all of the benefits of standards-based communication in a fraction of the time and cost of other alternatives.

XML → XML → XML → XML → XML →

About PilotFish Technology

Based in Middletown, CT, PilotFish Technology provides comprehensive products and services to dramatically reduce the complexity, time and cost of developing, deploying and maintaining industry XML standards compliant applications and interfaces. More than 175 companies have licensed our XCS line of products since their introduction in 2002 helping to achieve exponential increases in productivity.

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