



VALICERT SOLUTIONS INTEGRAL TO BARCLAYS BANK'S B2B PORTAL

“ We found that ValiCert could provide us with secure transaction technology that was both proven and Identrus-enabled. Another major consideration in our acquiring ValiCert solutions was that we can envisage using their technology in support of future business propositions. ”

Barclays B2B.com Rachel Atkinson
Acting CEO, Barclays B2B.com

SOLUTION OVERVIEW

ORGANIZATION

Barclays Bank
<http://www.barclaysb2b.com>

CHALLENGE

To remove the most problematic barrier in B2B e-commerce: lack of trust

SOLUTION

ValiCert Document Authority™
http://www.valicert.com/html/document_authority.html

RESULTS

Barclays utilizes ValiCert Document Authority for

- Reliable Document Delivery
- Secure Messaging
- Legal-grade Paperless Contracts
- New Transaction Revenue Opportunities

Valid, secure and provable transactions are accomplished within the look and feel of the Barclays site

PLATFORMS

SunUltra 60, Solaris 2.6/2.7
Oracle 8i Database, Gemplus signing plug-in

Barclays Bank is a premier international Financial Institution and a founding member of Identrus LLC, a private corporation that is creating the necessary infrastructure to take B2B e-commerce to the next level. Barclays B2B.com is a 'best-of-breed' e-commerce solution for businesses. It is Barclays' web-based solution to its customer needs. The website may be used by Barclays customers and non-Barclays customers alike.

Working together with procurement software and e-commerce expertise of industry leaders, this web site offers products and services that leverage Barclays Bank's trusted and secure expertise to thousands of companies worldwide. Current and future offerings include newsfeeds from Reuters, customization of customer homepages, marketplaces, e-procurement, e-settlement, Identrus-compliant file transfer solutions, and the use of digital signatures to enable customers to streamline their businesses.

Need For Security and Trust

In order to provide a trusted business environment for their clients, Barclays

realized that they needed an infrastructure for validation, messaging, and security that was robust, tested, and scalable.

ValiCert's vision, along with its superior technology and professional services expertise, allows Barclays to break through the five prime barriers of trust:

- Authentication (Web Site, Organization, Individual)
- Authorization (Controlled Access)
- Confidentiality
- Integrity (Ensuring information has not been tampered with)
- Non-Repudiation (Terms are legitimate and binding)

“ We required a field-proven security solution to deliver business value within our B2B portal, Barclays B2B.com. We also required this solution to be part of a scalable infrastructure that can accommodate our growth and future needs”, said Rachel Atkinson, Acting CEO of Barclays B2B.com.

ValiCert Enables Barclays to Provide Trust Services

Barclays B2B.com will enable customers to combine the speed and accessibility of the Internet with the authority of digital signatures through a new service called SafeZone. Barclays has leveraged ValiCert’s offerings to establish the high level of trust that financial institutions require for transactions made by any means, not just via the Internet. Rachel Atkinson emphasized, “We chose ValiCert because of its PKI expertise, including a strong affiliation with IdenTrust, and we look forward to working with them closely as we extend our SafeZone service.”

Barclays selected ValiCert Document Authority™, a component of the ValiCert B2B Express™ solution, to enable secure and legal-grade document collaboration, delivery, and storage over the Internet for high-value transactions in B2B and multi-enterprise environments. It allows businesses that may or

may not be Barclays clients to negotiate securely with suppliers and customers, exchange business documents reliably and securely, and digitally sign these documents thus enabling legal-grade electronic contracts.

ValiCert Delivers an Open, Neutral Solution

Since Barclays wanted to serve the widest possible clientele, proprietary validation solutions did not appeal to them. The ValiCert Document Authority met their specifications in that it is Certificate Authority neutral, and can be customized to look and feel like the Barclays website. Furthermore, Document Authority is content-type neutral in that all document types are supported. Thus, documents may be stored in their native format.

Document Authority is an open architecture application; it leverages other modular, open-architecture ValiCert products. The result is that Barclays

can adapt the basic functions of validation, secure data transport, and digital receipting to any user interface.

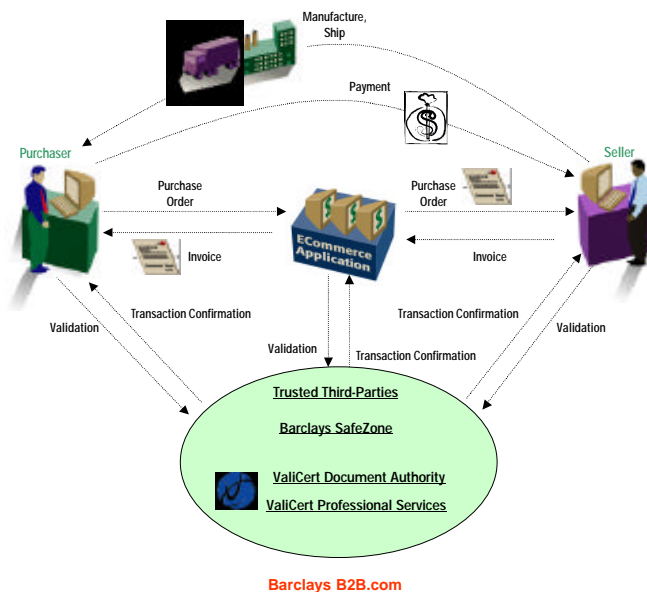
Future Trust Propositions

As Barclays B2B.com goes global, businesses worldwide will have access to Barclays’ new products and services, which include:

- Marketplaces, where buyers and sellers can conduct auctions
- E-settlement, which automates reconciliation, billing and payments. It obviates the need for paper and reduces data entry errors
- IdenTrust-compliant file transfer solutions, which secure electronic communication between corporations worldwide
- Digital signatures, so that businesses can rely on electronic information in order to streamline business processes

ValiCert B2B Express can provide Barclays with a solution suite of infrastructure components that makes transactions paperless, secure, and of legal grade. For IdenTrust-compliance and e-settlement, Barclays can utilize the ValiCert Transaction Authority™, an extensible component of B2B Express, to guarantee secure routing and response to payment or other backend service requests.

Thus, the ValiCert B2B Express can enable Barclays B2B.com to provide robust solutions which add significant value to businesses worldwide.



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