



ValiCert Document Authority™

Secure and legal-grade information collaboration and storage over public networks

“We required a field proven security solution to deliver business value within our B2B portal BarclaysB2B.com. We also required this solution to be part of a scalable infrastructure that can accommodate our growth and future needs.” [BarclaysB2B.com](#)

Applications

FINANCIAL

- Trade finance—Letters of Credit
- IPO, M&A collaborative processes
- Lockbox services
- Identrus environments

E-BUSINESS

- Contract negotiations
- Service provider-to-client communication (ad agency, law firm, PR firm)
- International collaboration

ENTERPRISE

- Product collaboration (product designs, schematics)
- Intra-firm committee and team processes
- Non-repudiable document delivery

Benefits

- Increases efficiency of interactions
- Speeds collaborative process
- Improves interaction with partner firms
- Lowers cost of dispute resolution
- Eliminates need for paper-based proof
- Reduces turnaround time
- No client software maintenance
- Eases regulatory compliance

Companies increasingly depend on the Internet to collaborate on sensitive information such as contracts, letters of credit, design plans, and other documents. But the traditional means for storing and exchanging information over public networks comes with a host of problems, including tenuous control over document access, no assurance of document delivery or integrity, and a lack of legal-grade proof that a given event occurred. ValiCert Document Authority allows organizations to store and exchange business critical information—in any file format—and helps users act on this information in a method consistent with existing business practices.

ValiCert Document Authority is available as a product or as a managed service, and provides:

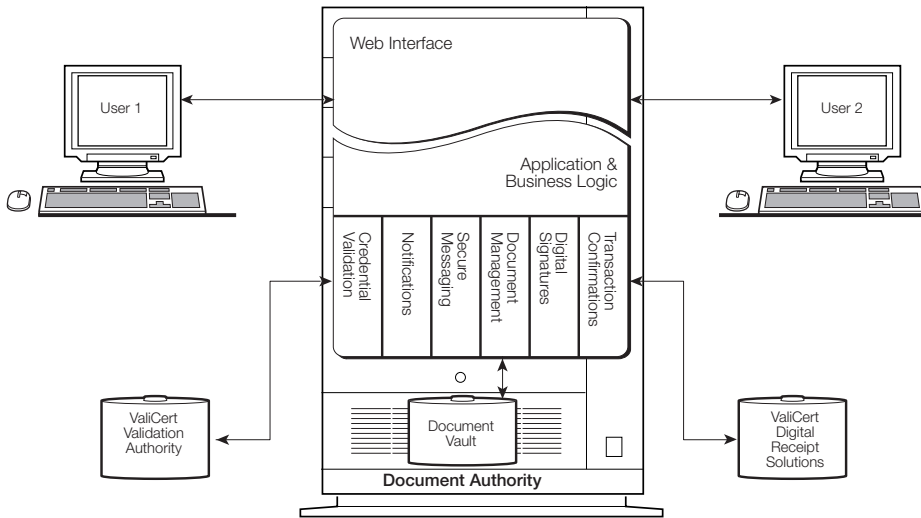
- A tightly controlled and highly secure online environment.
- Strong security ensuring that only users meeting preset authentication levels get access to documents.
- Legal-grade proof and audit tracking of all events in the system, utilizing digital signatures and time-stamps.
- Multi-party approvals using digital signatures.
- 100 percent customizable Web-browser interface, requiring no client-side software.

Surpassing Traditional Means of Information Collaboration

Using the ValiCert Document Authority, multiple parties can, for example, revise or sign the same electronic document, send a draft version of a document to external partners, and maintain a secure audit trail of all activities. The result is a highly efficient, legal-grade method to exchange and track the contents of collaborative electronic transactions between businesses or among users in an enterprise.

ValiCert Document Authority surpasses traditional means of information collaboration by providing not only an application for securely storing and retrieving vital documents, but also a system to manage the information related to this process—including secure messaging, digital signature-based approval, versioning control, and legal-grade audit trails.





ValiCert Document Authority

ValiCert Document Authority™ Process Flow

1. User logs into Document Authority using any credential—digital certificate, user id/password, or other.
2. User credential is validated.
3. User can digitally sign document before uploading it to the Document Vault or mailing it to other users.
4. Different users can now authenticate themselves to the system and download or retrieve the document.
5. A transaction confirmation is generated for each event—upload, download, send, receive, etc.

Overview

The ValiCert Document Authority™ is a highly reliable, legal-grade solution for secure collaboration, storage, and exchange of documents over the Internet.

Complete Solution

- Supports document exchange and storage using shared folders and domains.
- Supports all standard document management features.
- Incorporates secure messaging.
- Allows multi-party approval and notarization using digital signatures.
- Provides current version of documents, and preserves previous versions.

Secure Environment

- Designed from the ground up with ValiCert's proven security infrastructure, including ValiCert Validation Authority™ and ValiCert Digital Receipt Solutions™.
- Closed environment with strict access controls and permission levels.
- Choice of user authentication mechanisms—user-name and password, digital certificates or other.
- Documents can be digitally signed.

Legal-Grade Evidence and Non-Repudiation

- Tamper-evident, digitally-signed, and time-stamped audit trail of activities.
- Legal-grade evidence of user actions such as upload, download, delete, move, send, receive, reply, forward, and read.

Flexible and Easily Integrated with Existing Systems

- Users access documents through a standard Web-browser—no client-side software needed.
- Documents can be stored in any native file format.
- Available as an in-house product or an outsourced managed service.

Identrus-Ready

- Identrus-enabled validation for financial institutions.
- Identrus-ready document signing using either hardware or software signing tools.

Supported Standards and Protocols

- Communication Protocols: HTTP, HTTPS, FTP over SSL.
- Validation Protocol: OCSP.
- Message Encoding and other standards: XML, XSL, ASN 1, PKCS #7, and PKCS #11.

Document Authority Server Requirements

Hardware	Sun Ultra 60 (Ultra 10 rec.)
Memory	512 MB (1 GB rec.)
Disk Space	2.5 GB (5 GB rec.)
Operating System	Sun Solaris 2.7
Processors	1 or more

Database Requirements

Database	Oracle 8.1.7 (with iFS 1.1 bundled)
Processors	2 or more
Disk Space	2.5 GB or higher

Supported Browsers

Internet Explorer	5.5 and above
Netscape	4.6 and above

Note: Requirements are based on baseline product specifications. ValiCert will work with customers to provide optimal specifications based on custom environments.



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