






E-Commerce Trust Solutions

Firms can now safely cross the final hurdle of migrating paper-intensive processes to the digital world by using Ascertia's products to clearly show document are signed-off and approved, prevent unauthorised changes, provide legal weight evidence and thus protect corporate reputations. Our desktop and server products are suited to Government, Finance, Health, Defence and other verticals and through effective localisation they are used across the world. A lot of R&D effort has been expended to ensure the products are easy to integrate with existing systems, easy to deploy, easy to manage and also very simple for end-users.

Ascertia Limited is a global provider of electronic identity (eID) validation and advanced digital signature software solutions. Our products and business solutions focus on enabling trust within e-commerce environments using digital signature creation & verification, digital certificate issuance & validation plus data encryption technologies. Our signing products enable enhanced digital signatures to be applied to any PDF document, XML data object or other file. Our infrastructure products support all related activities including management of the signature credentials, validation, digital notary and archival services.

Ascertia enables its partners and customers to answer these types of questions:

 <p>Using Smartcards</p>	<p>Who are you?</p> <ul style="list-style-type: none"> - Using Biometric / Smartcard / Tokens or soft Windows or Unix credentials - Windows Logon, Windows applications - Server Application logon - Building access - Real-time identity validation 	<p>Who signed the data and when?</p> <ul style="list-style-type: none"> - Signed PDF documents for global interoperability! - Signed Office, XML or other files or web-forms - When was this data timestamped? - Can I be sure that the data has not been altered? - Can this be used in a workflow process?
 <p>Using Biometrics</p>	<p>Traceability and Compliance</p> <ul style="list-style-type: none"> - When was this accessed? - Who was the data originator, who approved, who released, when was this, were checks made? - Can you confirm the signing time of the document? - Can I enforce controls for my business processes? - Will my digital signature be legally valid in 7 years? 	<p>Receipts, Invoices and Archiving</p> <ul style="list-style-type: none"> - Is it easy to ask suppliers to sign their offers? - Can a signed PDF receipt be issued for that order? - Is it easy to issue digitally signed invoices which can be verified by anyone? - Can I verify and trust incoming documents? - Can data be signed & timestamped & archived? - Are these signatures legally accepted?
 <p>Using USB tokens</p>		

Any business is subject to fraud – from unauthorised access, identity theft, fake documents, unauthorised release, unauthorised changes and incorrect assumptions about authenticity. Changing from paper to e-business increases this risk because unprotected documents can be changed at will by anyone. By using the appropriate standards with well-ried and proven trust services you can protect business processes, documents and data in multiple ways:

- ❖ Documents and data can be signed, approved and released providing traceability
- ❖ Documents and data can be shown to be final and unchanged providing certainty
- ❖ Undeniable evidence that can last for weeks, years or decades can be produced to avoid costly disputes and provide effective accountability and audit trails
- ❖ All business processes can be strengthened, enhancing internal controls and compliance and ensuring reputation risk is minimised whilst meeting stringent regulatory demands

Most importantly, businesses can substantially reduce the real costs of paper - the printing, handling, postage, filing, archive and retrieval costs - and the regulatory risks of losing data or not being able to find it or show it has been properly kept and/or destroyed.

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Ascertia has years of trust solutions expertise and is the only vendor to offer a full range of trust services from one comprehensive server product. Ascertia's solutions embrace the full range of requirements:

- ❖ To leverage the value of Global, National and Enterprise PKI schemes
- ❖ To enhance managed service provider value by enabling digital signature creation, signature verification, identity validation and timestamping services
- ❖ Making it easy for enterprise solutions to integrate the trust services with existing systems, for use by financial services organisations, government departments and other firms using high-level APIs and automated processing options (e.g. Secure eMail Server)
- ❖ By providing server and desktop products that have been carefully designed to maximise security and ease of management whilst making it easy for senior managers to understand and use digital signatures to aid internal controls, reducing costs, risks and errors

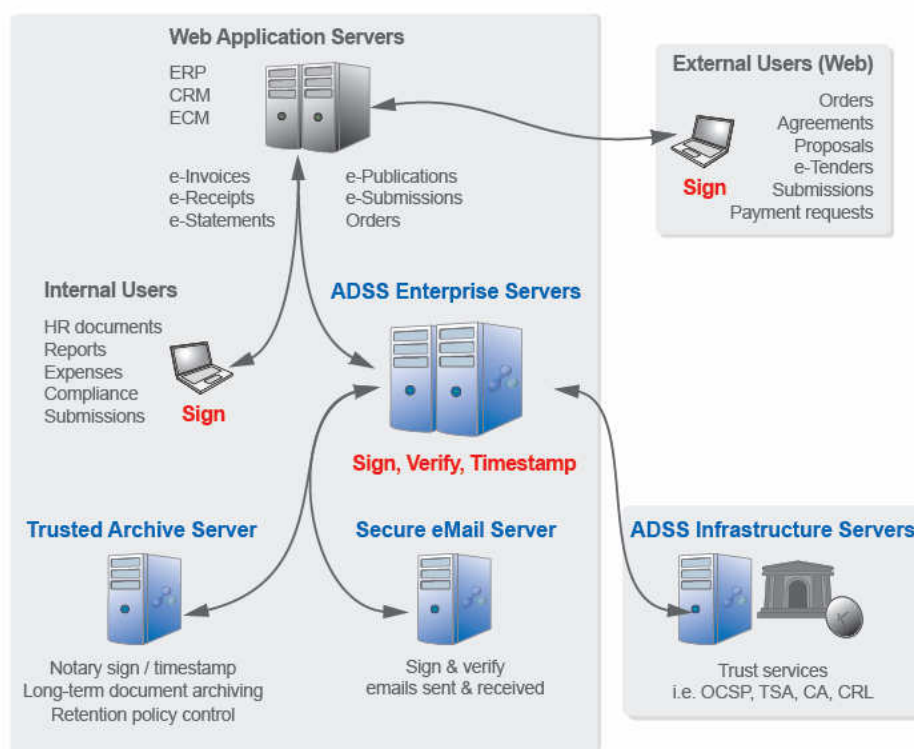
The following diagram illustrates how Ascertia's core technology can be used in many different ways to secure important information:

Ascertia Delivers

- User authentication
- Trusted identities
- Traceability
- Accountability
- Certainty
- Integrity
- Archiving

For

- PDF documents
- XML data
- Word, Excel and other file types
- Web forms
- Emails



ADSS Server is thus able to:

- ❖ Secure PDF documents, XML data, Word, Excel, Visio, TIF, JPEG and other project files
- ❖ Ensure integrity and authentication of data sent either internally or to external parties
- ❖ Ask internal and external parties to sign the data they wish to submit to your systems

Ask us for further information on how we can deliver trust services that protect your business documents and workflow processes info@ascertia.com