No doubt your organization relies on email to communicate confidential information with internal staff; to transmit invoices and purchase orders to supply chain partners; to send contracts to customers and prospects; the list goes on.

But can you rely on the authenticity of each and every email? Can you trust that the individuals sending email are who they say they are? Can you trust that emails you send will only be opened and viewed by the individual you intended? Can you ensure that attachments are not viewed by unauthorized people?

If an email is tampered with, how do you know, and, who bears the liability and for how much?

For email to become as secure and trusted as ecommerce, the parties involved must be assured that an email message is non-repudiable, legally-binding and globally accepted.

That's where IdenTrust Trust Mail comes in.

The Need for Trust

While many organizations have made strides in authenticating and securing electronic commerce using digital certificates, generally, email does not authenticate the sender or receiver’s identity. Most corporate messaging infrastructures address email security in a reactive manner, using software-based solutions running on dedicated servers or appliances located on customer premises that seek to validate email after it’s sent. While these solutions may do a good job of guarding email from unwanted viruses, they do not validate the authenticity of the sender nor do they guarantee legally binding attributes to the email exchange.

In addition, corporations, financial institutions and government agencies typically rely on a proprietary PKI that validates the organization rather than individual users. Often these messages cannot be globally accepted since they lack cross-border legal or policy integration. There is no automatic technical integration and customers require multiple digital identities. The solution is not scaleable and can only be used between a few banks and corporations.

The Trust Mail Solution

IdenTrust has provided assured, trusted digital identities to financial institutions, corporations and government agencies for almost a decade and has applied the same legally binding policies, vetting procedures, and interoperability to Trust Mail.

IdenTrust Trust Mail provides both enterprise and individual-level authentication to create non-repudiable email messages that are legally-binding and globally accepted. Trust Mail is a natural extension of the IdenTrust architecture, associated around the world with trust.

How Trust Mail Works

IdenTrust Trust Mail’s architecture has been designed as a preemptive solution to email security by leveraging the stringent Know Your Customer (KYC) processes already performed by financial institutions around the world to issue employees digital certificates.

Using existing “hooks” into standard Microsoft Outlook mail clients and Exchange Servers, Trust Mail certificates are applied to emails through digital signing, encrypting or both signing and encrypting, using the same complex cipher used by the world’s largest global financial institutions for encryption.

The sender’s credentials are validated in real time using Online Certificate Status Protocol (OCSP)-based identity validation.
When a recipient views an IdenTrust Trust Mail validated message, he or she is assured that the sender has been authenticated by the most stringent policies in the industry and can therefore trust and rely on the email and its attachments, due to the legally binding non-repudiable Trust Network credentials. IdenTrust relies upon the PLOT – Policies, Legal Infrastructure, Operational Consistency and Technology Access to uniquely authenticate email and attachments. Recognized by major government and regulatory bodies, it is accepted in more than 90 countries. Key features of the PLOT:

- Only the total combination of the PLOT components - Policy, Legal Framework, Operations Hosting, or Technology, provides a comprehensive solution to risk management in digital transactions
- Policies and procedures developed and agreed to by financial institutions around the world provide a comprehensive approach to authentication
- IdenTrust identities are globally interoperable under uniform private contracts recognized in countries around the world. Other systems require public law for digital signatures to be effective
- Customer agreements are valid, binding and enforceable in countries where members offer the IdenTrust Service
- IdenTrust delivers a complete, hosted environment to enable a full spectrum of trusted identity services

**Existing Messaging vs. IdenTrust Validated Correspondence**

<table>
<thead>
<tr>
<th>Conventional Un-Trusted Email</th>
<th>IdenTrust Validated Correspondence</th>
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<tbody>
<tr>
<td>Email message is written to individual using corporate email account</td>
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</tr>
<tr>
<td>Messaging Servers send via insecure Internet</td>
<td>Message is signed and/or encrypted by the individual’s IdenTrust digital signature</td>
</tr>
<tr>
<td>Hopefully no message interception occurs</td>
<td>Sender’s identity is validated transparently by the recipient</td>
</tr>
<tr>
<td>Message is received by intended persons</td>
<td>Intended recipient validates sender’s identity and/or decrypts email</td>
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Problem: sending party’s identity is not guaranteed - no proof that a particular individual signed or approved the message contents

The Solution

IdenTrust Trust Mail is the only solution that guarantees the authentication of email senders and receivers. No other solution provides the backing of globally agreed-to rules or is government regulated, globally interoperable, and non-repudiable.

Consequently, if your organization wants to rely upon who initiates, receives and opens email, Trust Mail provides that level of accountability for all transactions regardless of where in the world they are initiated. Working through the financial systems providers, both bank users and bank customers can be assured of global interoperability, and consistent standards for processing transactions regardless of the processor. Users can even select to have encryption on any document being sent via email. Trust Mail provides accountability end to end.

For more information on the IdenTrust™ Trust Infrastructure or other solutions, please contact:

<table>
<thead>
<tr>
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</thead>
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For more information, visit: www.IdenTrust.com

About IdenTrust™

IdenTrust is the global leader in trusted identity solutions, recognized by global financial institutions, government agencies and departments, and commercial organizations around the world. IdenTrust enables organizations to effectively manage the risks associated with identity authentication; work interoperably with countries around the world; minimize investment in creating their own policies and legal frameworks; and deploy a spectrum of products insuring trust, smarter, faster, and more cost effectively.

The only bank-developed identity authentication system, IdenTrust provides a unique legally and technologically interoperable environment for authenticating and using identities worldwide. The IdenTrust Trust Infrastructure is predicated on a proprietary framework that combines policies, legal framework, trusted operations and technology (P.L.O.T.) to create a comprehensive environment for issuing trusted identities. IdenTrust is the only company to provide a solution incorporating all four of these elements. Customer agreements are valid, binding and enforceable in more than 90 countries. IdenTrust identities are globally interoperable under uniform private contracts recognized in countries around the world. Competing offerings, in contrast, rely on a dizzying maze of public laws that vary from jurisdiction to jurisdiction. Additionally, the IdenTrust Trust Infrastructure maintains the privacy of each and every transaction processed by reading only digital certificate information, not the message itself.