

Software Solutions

TRUST VALIDATOR

CREDENTIALS

SOFTWARE SOLUTIONS

MANAGED SERVICES

The simplest solution to dodge spear phishing attacks and malware infestations from you Outlook Inbox

Trust Validator™ takes the guesswork out of email identity management

With billions of business emails sent every day, identity impersonation is the latest tool to allow criminals to infiltrate corporate IT environments. Sophisticated hackers commonly deploy spear phishing attacks to convince users to click on links by claiming to be someone they trust. Although many spam emails are now filtered, spear phishing attacks are becoming more clever and personal. With signed emails, it is actually easier to impersonate the sender. This false sense of security is exactly what hackers are counting on to steal sensitive corporate information. Thus, the need to have tools to manage the sender's identity becomes more crucial than ever.

Trust Validator™, is a solution that is developed by Carillon, in collaboration with Certipath, in order to give companies a way to help mitigate these types of attacks.

Trust Validator™ is a security plug-in designed for Microsoft Outlook™, that visually confirms the level of security, validity of the source, and more importantly the authenticity of the sender's signature credential. **Trust Validator™** tells you if the messages in your Inbox are really sent by who "they claim" to be sent from.

Simple visual indicators notify you instantly about the sender's identity.



STRONG



WEAK



INVALID



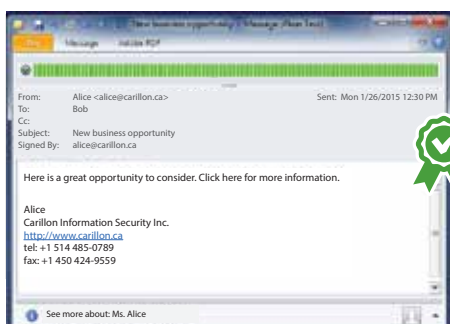
UNSIGNED

Trust you can see

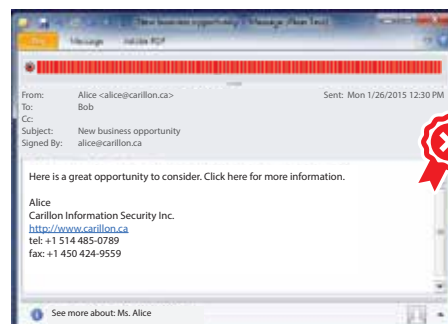
Emails that are digitally signed and/or encrypted are color-tagged in the main Inbox by a trust metric. This metric icon is also displayed in the top left corner of your message windows. The sender validation is instantly confirmed. Through cloud based certificate validation, **Trust Validator™** provides a more stable and constantly updated source of validation.

Considering how easy it is to forge someone's email identity, **Trust Validator™** gives companies and employees tools to counter these simple, yet sophisticated attacks.

Compare these two emails. Can you tell which one is from a trusted person and which one was forged?



CertiPath
cross-certified
PIV-I Certificate
issued through
employer with
strong identity
proofing.



Comodo free
email Certificate
30 seconds
to acquire.
No ID required.

Technical Details

Why it works

It works using Server Based Certificate Validation Protocol, **Pathfinder SCVP**. This ingenious approach provides central management of certificate policies for companies and is used to properly identify individuals that may interact via signed emails with corporate staff. Each organization can set, within the server, the list of trusted entities with whom it does business, and assign a relative strength to the digital credentials that are issued by those entities.

Why it is easy

Simple to deploy, **Trust Validator™** is a policy-aware application, and will differentiate the strength behind each individually signed email based on enterprise-defined levels of assurance. Policies can manage various trust levels that can range from basic assurance levels to PIV or **PIV-I credentials**.

Why it is cost effective

Once deployed and configured to your corporate needs, **Trust Validator™** provides a layer of knowledge that allows users to make conscious decision to open and read email, while allowing them to be warned that a particular mail may be malicious.



In conjunction with standard firewall and antivirus software, the security benefits of Trust Validator™ allow an organization to avoid the loss of credibility, time and money associated with a data breach.

About Certipath

CertiPath is a corporation whose purpose is to design, implement, maintain and market a secure public key infrastructure communications bridge, initially focused on the aerospace and defense industry. This enables the transfer of secured and authenticated information globally between subscribing companies; and between such companies and a number of domestic and foreign government agencies.

About Carillon

Carillon Inc. provides a complete spectrum of identity management solutions that are designed to prevent identity theft, promote the migration from paper to electronic authentication, and avoid loss of intellectual property. From consulting services, to validation software and managed identity services, Carillon can provide the skill sets and tools to help companies take control of their corporate digital credentials.

CREDENTIALS

Digital Certificates
PIV-I Credentials
Specialty digital certificates

SOFTWARE SOLUTIONS

Trust Validator
Pathfinder Suite

- SCVP Server
- SCVP Client
- Web Proxy
- Radius Server

e-ARC
Certificate Discovery Services

MANAGED SERVICES

Managed PKI for Airlines
Managed Corporate PKI
Managed PIV-I Services