Carillon
INFORMATION SECURITY

We Build TRUST

CREDENTIALS
SOFTWARE SOLUTIONS
MANAGED SERVICES

Software Solutions

PATHFINDER • SCVP SERVER

Need a solution that's capable of navigating complex trust paths found in cross-certified digital credential environments such as CertiPath and US Government Federal bridge (FBPKI)?

Carillon SCVP Server-based Certificate Validation Protocol

The need for proper validation of electronic identities by using digital certificates is constantly growing and expanding in multiple business sectors and use cases. There are plenty of vendors who can provide digital credentials; however, the challenge remains the same. Can you trust the certificate authority associated with an individual's credential?

Server-based Certificate Validation Protocol (SCVP) methodology has been used for many years, and is rapidly proving to be one of the most efficient, versatile, rapid, reliable and secure means of certificate validation. This type of protocol allows an enterprise to transmit the certification path and its validation functions to a server in order to accelerate verification processes for multiple uses. By relying on an SCVP to quickly do the complex work, applications are free to run smoothly and more efficiently. According to a pre-established validation policy containing one or more trust anchors, certificates can be checked for revocation status to ensure that they haven't been revoked or haven't expired, and still remain valid for their intended identity authentication purposes.

- **The simplest, fastest, most efficient way to delegate all facets of your certificate validation needs.**
- **Offers a highly flexible foundation for integration to a multitude of client applications, software, hardware, web-based platforms and more.**
- **Easy installation, configuration and web-based interface management.**
- **Capable of handling complex trust paths found in cross-certified PKI environments such as the CertiPath and US Government Federal bridges.**

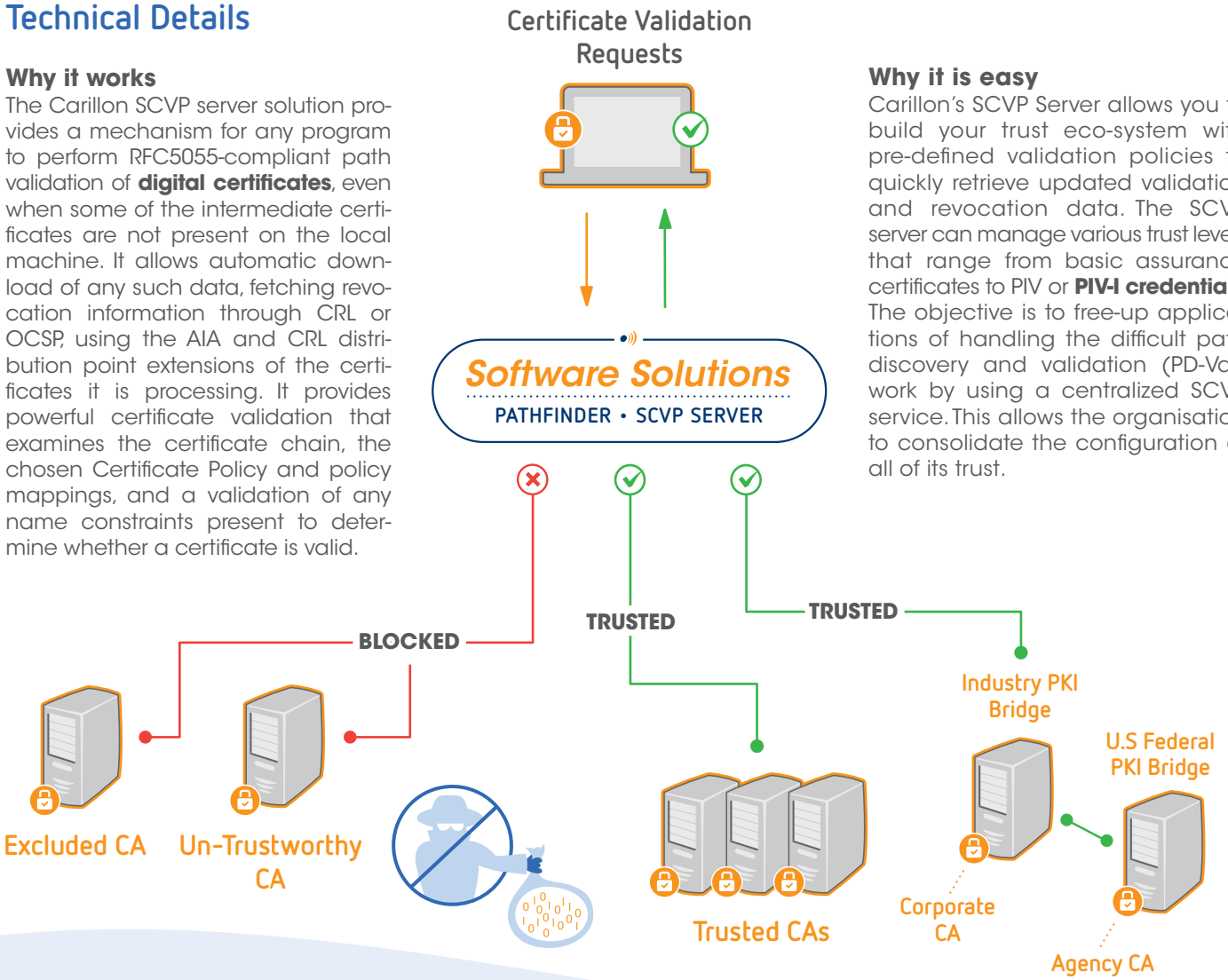
Regardless of the hardware or software operating platforms or systems, in a swift single request, Carillon SCVP can rapidly verify a certificate path, gather revocation data and validate a digital certificate used for enterprise-critical operations such as: physical access control systems (PACS), logical access control systems (LACS), secure encrypted email, document signing and more.

Pathfinder SCVP is designed to integrate seamlessly with other solutions.
SDK available for Windows, Java, Linux and MAC OS.

Technical Details

Why it works

The Carillon SCVP server solution provides a mechanism for any program to perform RFC5055-compliant path validation of **digital certificates**, even when some of the intermediate certificates are not present on the local machine. It allows automatic download of any such data, fetching revocation information through CRL or OCSP, using the AIA and CRL distribution point extensions of the certificates it is processing. It provides powerful certificate validation that examines the certificate chain, the chosen Certificate Policy and policy mappings, and a validation of any name constraints present to determine whether a certificate is valid.



Why it is easy

Carillon's SCVP Server allows you to build your trust eco-system with pre-defined validation policies to quickly retrieve updated validation and revocation data. The SCVP server can manage various trust levels that range from basic assurance certificates to PIV or **PIV-I credentials**. The objective is to free-up applications of handling the difficult path discovery and validation (PD-Val) work by using a centralized SCVP service. This allows the organisation to consolidate the configuration of all of its trust.

About Carillon

Carillon 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
- PKI Consulting

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For more information about SCVP Server or for an online review of this solution contact us today.

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