

Secure Network Access Development

The Challenge

Calsoft Labs aimed to design and develop a Secure Network Access framework that would provide a highly integrated endpoint security solution from the management and ease of use perspective.

The Solution

Secure Network Access (SNA) solution is a protective framework to completely secure the network from endpoint vulnerability. The SNA solution addresses endpoint security and enforces policy compliance. SNA delivers endpoint security by enabling only trusted, role-based access privileges premised on the security level of the device, user identity, and session context. SNA enforces policy compliance, ensuring that the required anti-virus applications or software patches are installed before users are granted network access.

The key features of the solution include:

- Ability to secure all PC's in a corporate network from viruses or worm infected systems.
- Increased secured enterprise mobility and productivity
- Easy to use framework that is low cost, convenient and transparent
- Features like authorization, integrity checking and containment of unauthorized or infected network resources.

Technology

- Digital cryptography, single sign-on, AAA, VLAN, Automatic Web Redirection, Captive Portal, High-availability Clusters, and Concurrent Programming.
- Tunnel Guard to execute the policy conformance checks on a user PC in a client-less fashion. Most of the competing solutions need a installed client to sign-on
- The SNA Controller is build on top of iSD platform, which enables to configure a high-availability cluster. This results in continued security of the network even if one or more of the controllers fail.

If you wish to know more about Calsoft Labs and its offerings, please feel free to mail us at info@calsoftlabs.com

About Calsoft Labs

Calsoft Labs provides specialized concept to market Product Engineering and embedded design and engineering services in select market segments – ISVs, New Media Companies, Networking and Datacom OEMs, computer hardware manufacturers, semiconductor companies and consumer electronics companies.