

CASE STUDY

Industry:	Large Enterprise
Application:	Homegrown
Product:	Array SSL VPN



Homegrown application shines with Array's SP SSL VPN Solution

About Synopsys

Synopsys is the world leader in semiconductor design software and also develops software that companies use to design systems-on-chips (SoCs) and electronic systems. The company sells its products to semiconductor, computer, communications, consumer electronics, aerospace and other companies that develop electronic products.

The company was founded in 1986, and has over \$1B in revenues. It has more than 4,400 employees in over 60 offices worldwide.

Challenges

The company needed to have external users able to access their homegrown application when off campus.

Security was a concern due to the fact that their intellectual property (IP) was extremely valuable, and all access to this needed to be strictly guarded and monitored.

Their solution needed:

- WML support over SSL
- Access to proprietary information using a homegrown application
- Support of RADIUS for authentication and authorization
- SAP support
- Support for re-writing of JavaScript for external access
- SSL acceleration

Problem Solved

The deployment of the SP allowed internal users access to their data in a secure and accelerated fashion.

By deploying the syslog server capability of the SP, the customer can track all users that log into their site, as well as record every transaction and data retrieval and modification that these users perform.

Radius was the backbone of their authentication and authorization methodology to control who had access to the data, as well as limit users to not view what they are not authorized to see.

The customer needed to have high reliability so there would be no single point of failure. The clustering capability met this need, and afforded them the opportunity to add additional capability as future demands dictate.

The ability to support WML allows them to use this deployment for future projects, and will leverage their investment in the future.

Business Challenges

- Support homegrown applications for external users
- Limit access to only authorized viewers, and record all data access by users
- Allow for future growth to be met as well as support future technologies

Business Solutions

- Array SP SSL VPN
- Support of homegrown applications
- Java Script rewriting for external viewing
- SSL Acceleration

Business Benefits

- Internal applications supported
- Tracking of all actions, and access based on strict rights enforcement
- Future growth requirements met
- Enhanced User Capacity

Category	Improvement
User Capacity	75% Increase in capacity of total users
Server Capacity	230% Increase in server capacity
End-User Response Time	40% Improvement in download performance metrics
Server Optimization	45% reduction in back-end servers
Availability	99.999%



Enterprise SSL VPN Solutions

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