Improving Application Performance for Remote/Mobile Employees

The Challenge

Element Solutions is a global, high-tech specialty chemical company that acquired several highly complementary specialty chemicals businesses from 2013 through 2015. About 40% of Element Solutions users are mobile knowledge workers, and they require secure connections to everything from SAP, JD Edwards, and Azure to file sharing and business intelligence solutions, whether they are managed in the cloud or on-premises.

Element Solutions was looking to significantly enhance performance of both on-premises and cloud/SaaS applications for their remote workforce, while reducing the complexity of managing 50 VPN concentrators around the world.

Because of network issues and lack of integration, remote user productivity was severely impacted. In addition, IT was stretched thin managing the security, and reviewing the policies, firewalls, and the disparate configurations, of the various concentrators.

“The ability of Aryaka’s SmartACCESS to centralize and control the environment better and reduce the number of control sets you have to run for various audit purposes is the biggest benefit.”

- Dustin Collins, VP, Global Infrastructure Services, Element Solutions
Element Solutions Improves Application Performance and Simplifies VPN Infrastructure with Aryaka SmartACCESS

The Solution

Element Solutions was already using Aryaka’s global SD-WAN solution to replace its legacy MPLS, and ensure connectivity and improve application performance for over 190 sites worldwide. When Element Solutions learned that Aryaka could extend similar benefits to its global remote users, they decided to deploy SmartACCESS.

Aryaka’s SmartACCESS improved application performance for Element Solutions remote and mobile users, delivering a reduction of up to several hundred milliseconds in client-server setup times. As a result, they were able to collapse their 50 VPN concentrators down to one globally available URL, load balanced across four nodes in two geographical locations. Element Solutions could maintain its remote network client of choice while consolidating network and enterprise applications, such as ERP.

From a security and compliance standpoint, collapsing and controlling 50 concentrators down to four was not only more efficient, but it better secured the company’s data.

RESULTS

<table>
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<tr>
<th>Reduced remote access concentrators</th>
<th>Saved $100K annually in support and maintenance costs</th>
<th>Improved productivity for sales, marketing, and IT</th>
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<tbody>
<tr>
<td>from 50 to 4</td>
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<td>20-30%</td>
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About Aryaka Networks

Aryaka is transforming how global enterprises connect sites and users worldwide, and use mission-critical applications to support modern business execution demands. Aryaka’s Global SD-WAN combines a purpose-built private network, SD-WAN, optimization and acceleration techniques, connectivity to cloud platforms, and network visibility in a single solution that is delivered as a service.