Adaptiva Case Study

Large Enterprise Financial Services Company Saves over $1M and Speeds Windows 10 Deployments with Adaptiva OneSite

This case study of a large North American federation of credit unions is based on a December 2018 survey of Adaptiva customers by TechValidate, a third-party research service. The profiled company asked to have their name blinded to protect their confidentiality. The organization is recognized by Banker magazine as one of the World’s Strongest Banks.
Challenge

The leading financial institution faced several challenges with software delivery for managing Windows endpoints. First, they were frustrated that global software delivery had to be slowed down to avoid impacting the WAN. It is not uncommon for organizations to have to send large amounts of data, sometimes in excess of 5Gb+, across the WAN to keep software and operating systems up to date. This volume can severely impact end user device performance and critical business traffic.

The organization was also challenged by the costly server infrastructure required to ease the WAN traffic burden in a traditional architecture. It is common for companies using the native Microsoft System Center Configuration Manager product to have to place distribution point servers in every office location to ease network bandwidth issues and this can be a large investment.

On top of that, they felt pressure to deploy Windows 10 at scale within their desired timeframe. The Microsoft end of support date for Windows 7 is January 14, 2020 and this large North American federation of credit union, like so many other organizations, wanted to complete their migration to Windows 10 before that deadline.

Staffing presented a concern as well. They felt they did not have enough staff IT time, though they only considered this to be mildly challenging.

Key Stats

$ SAVED OVER $1,000,000

REDUCED INFRASTRUCTURE BY OVER 1,000 SERVERS

20% IMPROVED SOFTWARE DEPLOYMENT SUCCESS RATES BY OVER 20%
Solution

After evaluating their options, the company decided to integrate the Adaptiva OneSite content distribution engine into their Microsoft Systems Center Configuration Manager (ConfigMgr) architecture. Below is a partial listing of the desired features and functionalities of OneSite that the company now uses in production.

OneSite enabled the federation of credit unions to replace servers with peer-to-peer storage by using the product’s self-managing Virtual SAN. This unique storage technology caches content on unallocated disk space on endpoints at a location, creating a virtual SAN. This instantly creates massive amounts of redundant storage at every facility worldwide while taking no disk space from end users.

OneSite protects the WAN from impacts. Adaptiva’s proprietary Predictive Bandwidth Harvesting technology speeds delivery by utilizing the maximum amount of bandwidth available without negatively impacting other critical WAN traffic. It dynamically predicts the amount of traffic anticipated on the WAN, end-to-end, down to the millisecond. Then it transmits each individual data packet only when there is free bandwidth available on the network. This means there is no need for throttling like with BITS and other TCP-based solutions. There is also no need to schedule content delivery and software updates only at night to avoid network impacts.

OneSite improves delivery success rates, which provides a better experience for end users and requires less IT staff time for troubleshooting failed deliveries. On top of that, OneSite automates common tasks, further saving precious IT staff time.

OneSite speeds Windows 10 OSD timelines by automating the deployment process.

“OneSite has eliminated worries and complaints about WAN congestion. We can send huge packages any time of the day with zero impact.”

IT Architect, Large Enterprise Financial Services Company
Results

The enterprise financial services company has achieved remarkable results with Adaptiva. By using the company’s OneSite technology, they have been able to:

- Reduce the need for over 1,000 servers worldwide
- Save over $1,000,000
- Increase software delivery success rates by over 20%

Based on their experience deploying the software in production, the company rates Adaptiva support as excellent.

"We can add new systems and global locations easily to our endpoint management solution without infrastructure costs, delays, or impacts."

IT Architect, Large Enterprise Financial Services Company

**ELIMINATED THE NEED FOR OVER 1,000 SERVERS**

**ZERO-TOUCH, HIGH VOLUME WINDOWS 10 DEPLOYMENT IN A HIGHLY SECURE ENVIRONMENT**

**IMPROVED SOFTWARE DELIVERY SUCCESS RATES**

**SAVED OVER $1,000,000**
About Adaptiva

Adaptiva is a leading, global provider of endpoint management and security solutions. The company's products, including OneSite™ and Evolve VMT™, empower enterprises to manage and secure endpoints at unparalleled speed and massive scale using the power of peer-to-peer technology. Adaptiva is self-funded, highly profitable, and growing at a rapid rate. Leading global Fortune 1000 organizations, including T-Mobile, Nokia, HSBC, Walgreens, the U.S. Department of Defense, and the U.S. Department of Homeland Security, use Adaptiva products to eliminate the need for a vast IT infrastructure and automate countless endpoint management and security tasks. Learn more at http://insights.adaptiva.com, and follow the company at LinkedIn, Facebook, and Twitter.

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