
Adaptiva OneSite Product Overview



The Need for Speed in Enterprise Systems Management

Today's IT professionals are under pressure to keep up with the pace of technology innovation. They face increasing demands to roll out and configure new content and software packages, strengthen endpoint security, and manage more systems in more locations across the enterprise — all while doing it *faster*.

“ The industry is changing rapidly, and CIOs are telling us that speed is a top priority. IT leaders are moving swiftly to deliver new infrastructure, platforms and applications to meet fast-changing customer needs.

KPMG CIO Survey of 4,000 CIOs

To reduce the time and complexity associated with deploying software across an enterprise, today's leading IT organizations are embracing new approaches to speeding systems management:

Infrastructure Reduction: CIOs are strategizing new options to reduce costs, increase flexibility, and eliminate time-consuming hardware deployment efforts by simplifying their on-site server infrastructure.

Software Deployment Acceleration: Security teams and IT managers are turning to new technologies to accelerate software deployments and prevent content distribution delays that can cause critical business needs to go unmet, and security compliance to be broken.

Administration Agility: IT staff and system administrators are selecting systems management solutions that make it easier to keep up with today's rapid software release cycles through automation and increased visibility and control.



Fast Facts:

Product Name: OneSite™

Product Category: Content Distribution Engine

Customers: Over 100 global enterprises, including leading companies, government organizations, and some of the largest retailers in the world, trust Adaptiva.

Key Features: Rapid software delivery and endpoint management across enterprises



OneSite

OneSite™ – The Fastest Way to Securely Distribute Content Across an Enterprise



Adaptiva meets enterprise IT's need for speed with the **OneSite™ content distribution engine – the fastest way to securely distribute software across an enterprise.**

OneSite is built upon the world's first smart scaling systems management platform. This underlying technology enables IT professionals to securely speed enterprise-wide software deployments without adding costly servers or throttling the amount of bandwidth that can be used for content delivery.

Unlike slow and server-intensive traditional approaches to systems management, Adaptiva OneSite's breakthrough peer-to-peer (P2P) systems management technology securely distributes content faster and more cost-effectively than any other systems management solution available today. It advances the power of Microsoft System Center Configuration Manager (ConfigMgr), so enterprises can accelerate software deployments with increased control over the content distribution process.

OneSite is used by dozens of global Fortune 500 companies and is deployed on millions of devices in over 100 countries. The product's three key differentiators are:



Intelligence

OneSite eliminates servers via a smart scaling peer-to-peer infrastructure that lets enterprises do more with the resources they already own.

OneSite enables IT to run ConfigMgr with fewer servers than any other technology, and creates more P2P storage too—without impacting end users.



Speed

OneSite keeps endpoints updated and managed worldwide by securely speeding content delivery to near and remote locations.

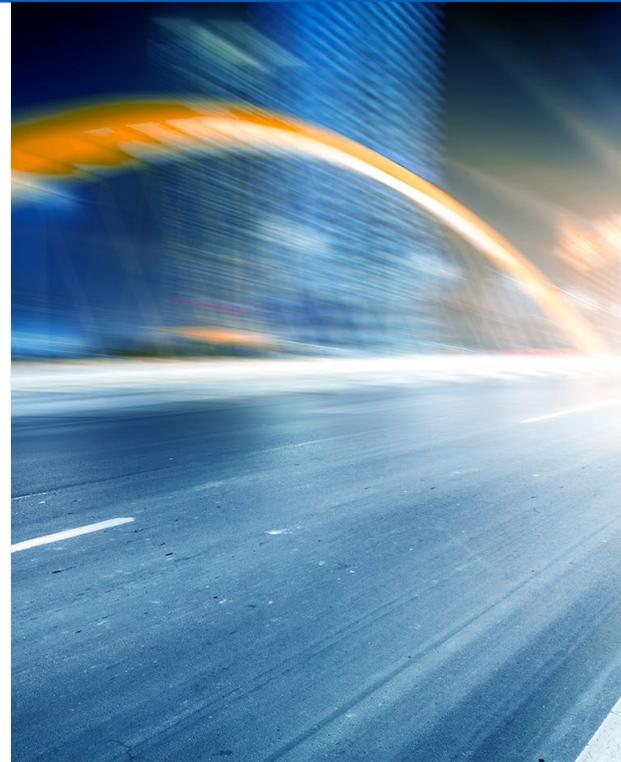
Adaptiva is the only solution that does not require throttling and can deliver content over slow/poor connections where competing solutions fail.



Automation

OneSite automates over a dozen time-consuming activities that would require manual operations with competing products, and gives admins complete control over the content distribution process.

OneSite is also the only solution on the market that enables IT to view all ConfigMgr content globally, and control WAN transfers in real time.



AECOM



The Adaptiva OneSite product is integral to speeding software migrations and deployments across our growing enterprise," said Steven Capper, global chief technology officer, AECOM. "Adaptiva eliminates the need for adding over 1000 servers in our infrastructure footprint as we accelerate our move from Altiris to Microsoft System Center Configuration Manager (ConfigMgr). It enables us to accomplish our software distribution goals with a lean, agile IT team and reduces time consuming system administration efforts across our enterprise. OneSite is a clear choice for any IT organization that wants to reduce the total cost of ownership for Configuration Manager.

Steven Capper
Global Chief Technology Officer
AECOM

Intelligence – Key Features



Replace 1000s of servers needed to run ConfigMgr with just one site

OneSite uses intelligence, not infrastructure, to store content and eliminate the 1000s of servers typically needed to distribute software across an enterprise using Microsoft System Center Configuration Manager. Key intelligence features include:

Enterprise-class Peer-to-peer Architecture: Eliminate distribution points and simplify your systems management infrastructure with the OneSite peer-to-peer architecture.

Virtual Storage Area Network (SAN): Reduce bandwidth impacts and frequent content downloads over the WAN by storing content locally in a self-forming Virtual Storage Area Network.

Peer-to-peer PXE: Intelligently speed operating system deployments by enabling any computer running the OneSite client to act as a PXE server.

Encryption Everywhere: Ensure secure software distribution with Encryption Everywhere, including support for Secure Hash Algorithm (SHA), the FIPS 140-2 standard, and the NSA Suite B set of cryptographic algorithms.

Other Features

- Compression Algorithms
- High Availability Storage
- OSD Load Balancer
- Policy Push
- Client Data Upload Manager
- DP Bypass
- Security Command Center
- Zero Footprint Caching
- Virtual State Migration Points
- Boundary Unifier
- SCCM QuickFix
- Content Global Roaming



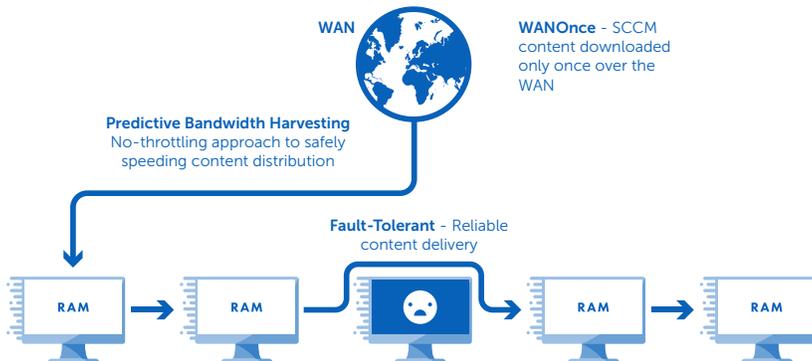
SKANSKA



We have about 300 sites with different kinds of network connections so in our SCCM deployment design we were going to need a lot of distribution points. OneSite simplified our SCCM infrastructure massively. We would've had to deploy hundreds of distribution point servers, if we were using the native SCCM configuration.

James Pitcher
IT Automation Manager
Skanska

Speed – Key Features



OneSite is the fastest way to securely distribute content across the enterprise without impacting business traffic or end users. From distributing content in low bandwidth environments to managing critical middle-of-the-day security patching, Adaptiva can help enterprises to deploy software anytime, anywhere. Key speed features include:

Memory Pipeline Architecture: Download content to dozens or more systems on the LAN simultaneously without impacting end users through OneSite's high-speed, fault-tolerant Memory Pipeline Architecture. Dramatically reduce bandwidth usage by only downloading content once over the WAN and storing up to 90%+ of content library locally in a Virtual SAN.

Predictive Bandwidth Harvesting: Safely speed content delivery with OneSite's unprecedented bandwidth harvesting technology which proactively predicts the best times in milliseconds to send content to never create congestion.

NetBoost: Guarantee that the network remains responsive for users, even when delivering gigabytes of systems traffic over slow connections, with OneSite's secure NetBoost packet-level network driver.

Flow Equalizer: Proactively level out ConfigMgr traffic spikes with Flow Equalizer technology that evenly allocates the available WAN bandwidth amongst multiple concurrent content flows.

Other Features

- WANOnce BitSaver
- SureDelivery over poor/remote connections
- App-V Streaming Support
- Transport Override



Predictive bandwidth harvesting was extremely important to us because we now had confidence that we would be able to push content to Alaska or some site where we had very poor connectivity, and not break the network.

Jenu Jose

Sr. Technology and Systems Engineer
iCorps Technologies



OneSite has dramatically improved software distribution times and network impacts using its adaptive protocols.

Chris Whitesell

Manager of Endpoint Technology
Five Star Senior Living

Automation – Key Features

OneSite simplifies IT operations by automating intensive IT efforts and delivering real-time visibility and control over content distribution. Key automation features include:

LiveFlow™: View, pause, resume, reprioritize and cancel content transfers for an office in real-time with OneSite's interactive traffic control dashboard.

Content Push: Automatically detect new content and deliver it to specified locations with OneSite's AutoStage feature which adheres to the content push policies pre-set by the enterprise. Eliminate manual specification of target machines by relying on OneSite's IntelliStage feature to self-select the most highly available machines for delivery, optionally creating and maintaining multiple copies of content for business continuity.

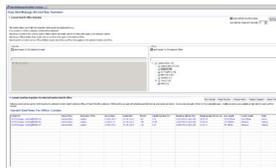
Workflow Designer & Engine: Easily customize simple and complex operations through a Workflow Designer that lets IT create custom workflows visually, without writing a single line of code. Execute and manage workflows through the Workflow Engine.

Workbench: Conveniently manage settings, including security settings, for all clients from a centralized administration console that integrates with your current Microsoft System Center console.

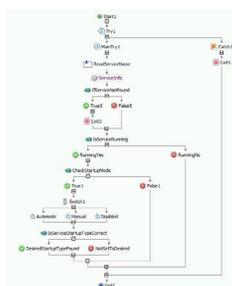
Other Features

- Task Sequence AutoPush
- Scheduler
- DeployEase
- AutoSync
- Tool Foundry
- Priority Orchestrator
- SCCM Content Explorer
- Big Red Button
- PowerShell Fusion
- API Foundry

Control content transfers in real-time



Create workflows visually



“

It can do the WAN optimization automatically. I don't have to manage that and you are getting content down to the clients faster. I don't have to get the networking team involved. I don't have to get the DHCP administrators involved. I just install the client and configure OneSite to do it – set it and forget it.

Microsoft Technical Solutions Executive

Global Enterprise Technology Provider

OneSite Benefits: The Future of Systems Management Is Here

OneSite's proactive, smart scaling approach to content distribution frees companies from WAN traffic jams and software delivery chokeholds, enabling:

99% Reduction in Infrastructure Investments

Fortune 500 Retailer

OneSite™ can remove all DP, PXE point, and SMP servers, running hundreds of offices from a single site and server. In massive enterprise environments with server hierarchies, it radically shrinks the number of ConfigMgr management servers required.

5x Faster Content Delivery Times

Telecom Operator

OneSite™ rapid delivery eliminates the need for bandwidth throttling and scheduling. Admins can safely deliver content any time of the day—all day—over the full amount of unused network capacity.

1000s of Hours Saved Through Automation

International Bank

OneSite™ shrinks the ConfigMgr administrator's daily task list with highly sophisticated automation in numerous areas, including: self-forming, self-managing peer-to-peer storage; the world's most powerful content pre-staging features; breakthrough Windows 10 deployment capabilities, and a game-changing customization engine.



Using Adaptiva, we were able to save over £1 million, and our rollout of Configuration Manager 2012 is taking a fraction of the time it would have using a traditional architecture.

John Creighton

Head of Infrastructure Run Services
TNT Express



Adaptiva changes the way we think about content delivery. We can now distribute extremely large payloads on the WAN in the middle of a weekday with absolutely no worry about hammering the network or upsetting our network team.

Rob Cann

SCCM & Packaging Team Leader
Babcock

Proven with Hundreds of Customers Worldwide

OneSite is used by a variety of industries from finance to manufacturing and counts among its customers the world's largest retailers, top wireless network operators, and leading government agencies. Here are just a sample of some of our satisfied customers:



Contact Us

Request a demo from Adaptiva today to learn how your organization can use OneSite to reduce the time, costs, and complexity of distributing software and security updates across your network.

Visit www.adaptiva.com/onesite to learn more.



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Awards

Adaptiva is consistently recognized for innovation, technical excellence, and company growth.

