Nomad

Windows software deployment

Nomad simplifies IT infrastructure, deploying content quickly across WAN or cloud connections, and featuring critical client automation for Windows upgrades or patch deployment.

Effective, scalable, secure content distribution for agile IT

Efficient IT configuration management can be a significant competitive differentiator, enabling organizations to rapidly deploy software packages and other digital content to support critical business needs while improving security and robustness.

Microsoft Systems Center Configuration Manager is a powerful tool relied on by global enterprises for IT configuration management, and is extended by Nomad to simplify infrastructure and intelligently deliver operating systems, applications, security updates and patches without the need for remote servers and while protecting valuable corporate WAN bandwidth.

At a time when IT organizations are being challenged to improve security, reliability, save costs and address ever changing business needs Nomad is the key element of effective configuration management for leading IT organizations.

Key Features

Scalable

– Pull-based distribution provides enterprise-grade service levels and resilience, allowing the client to find an alternative if there's an issue with the prime server

– Peer-to-Peer, fan-out distribution for almost limitless scalability and speed of content distribution, while reducing servers and improving resiliency

– Distribute content via CM cloud distribution points ensuring a single connection point to reduce bandwidth loads and speed deployments

> "When you talk about SCCM and remote distribution and limited bandwidth, you are thinking about Nomad."
>
> **Olivier Nguyen**
> Lead Architect, End-User Computing, SITA

Business Benefits

Distribute any content, anywhere, any time

Nomad streamlines ConfigMgr to optimize WAN bandwidth. It allows organizations to remove remote distributions points, while ensuring maximum performance with no impact on business traffic.

Keep your organization safe

Keeping endpoints up-to-date is a critical element in any IT security strategy. Nomad lets you deploy patches as soon as they become available. In addition, content is encrypted and digitally signed to ensure it can't compromised.

Automate for economies of scale

Nomad is the engine for your Windows servicing and content distribution machine. Automation enables massive parallelization and lets IT focus on delivering business value.

Secure

– Integrates completely with ConfigMgr and uses the ConfigMgr console and role-based access control for all content distribution

– Provides optional compression, encryption and signing for content distribution

– File transfer via HTTP/S to avoid opening file and print sharing ports in firewalls

– Supports best practice and industry standards both architecturally and operationally to ensure protection of your network, your data and your users

– Contains no reckless code or features, such as Kernel-mode drivers, file system drivers hiding disk space, bypassing ConfigMgr security

Simplified

– PXE everywhere and dynamic PXE capability means you never have to worry about selecting a dedicated PXE server

– Network traffic management (Reverse QoS) and dynamically adjusted block sizes automatically adapt to changes in the network to provide high performance transfers while never impacting business WAN traffic

– Nomad simply enhances ConfigMgr and does not require a separate and competitive infrastructure or management

Automated

– Full automation for distribution of OS images, applications, updates and patches for all Windows-based software, including Office 365

– Fully automated Windows 10 migration, including the switch from BIOS to UEFI – essential for enabling high security features in Windows 10

– Secure and robust peer-backup to multiple local machines using USMT and then restored when required

– Nomad's WakeOnLan ensures devices are powered on to receive critical updates or deliver content to peers increasing patch deployment success

> "Nomad is everywhere within Bacardi. So, instead of having data move multiple times to a site, we can move it once and that data is there."

David Keeble
Senior Manager, IT Services,
End user computing, Bacardi

Customer voice: 1E & Bacardi – a perfect cocktail for the Windows 10 era

Watch the interview with David Keeble and Craig King from Bacardi

Visit: 1e.com/bacardi

Who we are

Modern users expect a mobile-like experience, with self-service and instant results. 1E enables IT to deliver comprehensive self-service and respond in real-time by augmenting Microsoft and ServiceNow solutions. Over 1000 organizations trust 1E to meet their user, business, and security needs. Your employees are important; they deserve 1E managed endpoints.

Find out more about Nomad