

NEPHOS TECHNOLOGIES

SMART BRANCH

For distributed enterprises, delivering consistent remote site (branch) performance in a way that's simple to deploy and manage, has long been a problem; with organisations attempting to centrally deploy services with as little branch office infrastructure as possible in a bid to reduce cost and complexity. This is challenging though, with most services (e.g. backup, file services and security) needing significant local infrastructure, or being designed to be delivered on purpose-built appliances.

These technical limitations make it expensive to deploy and run branch office infrastructure, a problem that's compounded when you consider that rarely, if ever, do organisations have local IT staff at every site. IT departments continue to strive to find a delivery model that can deliver:

- A low cost, low complexity infrastructure
- A simple and consistent deployment model for edge sites
- Centralised management
- A predictable cost model for delivery and management

SMART BRANCH: OVERCOMING BRANCH SITE CHALLENGES

Nephos' Smart Branch is built on a scalable HCI platform to reduce the cost and complexity of remote site infrastructure, agnostic of the virtualisation technology.

The core offering includes the following services:

- **HCI:** delivering local storage and compute resources
- **SD-WAN:** improving link performance & reduced WAN costs
- **CLOUD OPTIMISATION:** optimised access for Cloud app's
- **FILE SERVICES:** centrally managed file storage and backup
- **DATA PROFILING & OPTIMISATION:** visibility into file data profile with policy based migration
- **STATEFUL FIREWALL:** centrally managed stateful firewall

As well as these core feature sets, we have a number of software feature sets that can be added, with a predictable per feature subscription model:

- **VIRTUAL MACHINE BACKUP:** centrally managed backup for virtual machines
- **CLOUD ACCESS SECURITY BROKERAGE:** data security for trusted and untrusted Cloud applications
- **CONTENT FILTERING:** centrally controlled URL filtering & malware protection

KEY BENEFITS

Eliminate infrastructure silos, using up to 80% less space

Reduce remote site backup and storage costs by up to 70%

Up to 90% lower WAN OPEX by leveraging broadband vs MPLS

Reduce remote office deployment times from months to days

Secure SaaS and Cloud data

Accelerate remote office access to Cloud and datacenter services

Enable collaboration through a single global file system

Gain the ability to centrally manage remote site infrastructure

Remove remote office backup and tape infrastructure

PRE-TESTED, PRE-BUILT, READY TO GO!

Part of the challenge of a distributed environment comes not just from the technologies, but the overall integration, delivery and support of the environment. It's extremely rare for IT departments to have local skill sets across every location that can deploy, manage and support the types of infrastructure needed to deliver the new services required.

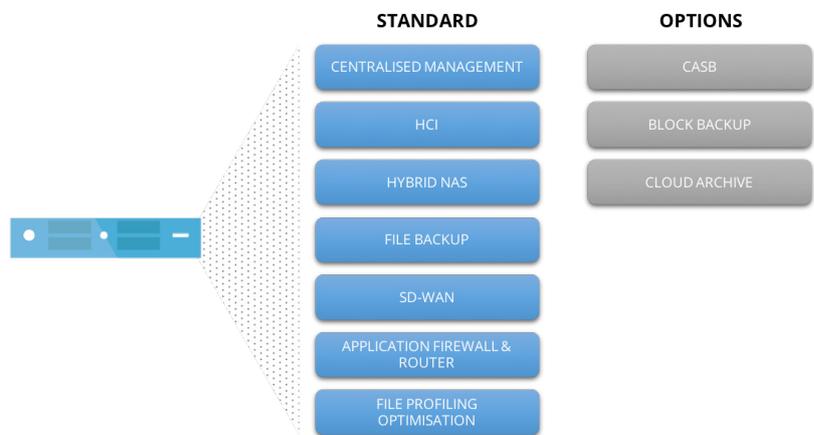
Smart Branch takes away all those problems, with it being pre-tested, pre-built and shipped to site ready to go. All that needs to happen is someone to be there to plug it in! This dramatically reduces the time to market for opening new offices, the burden on local IT of upgrading existing offices and improves operational efficiency with everything being able to be managed from a central location.

REMOTE INFRASTRUCTURE SIMPLIFIED

By providing a common delivery platform with centralised management, we bring a raft of benefits through technical simplification, capability gains and driving operational and commercial efficiencies; all with a predictable pricing model that's easy to scale and add new capabilities.

As standard there are a number of core services included with our Smart Branch platform, with both resource and feature expansions available with clear and predictable pricing models.

All of this is delivered on a scale-out HCI platform that enables us to provide more compute and storage resources as we need them; and all within a pre-defined architecture blueprint.



BENEFITS BY NUMBERS

How does Nephos' Smart Branch stack up against traditional remote site infrastructure



50%
Up To 50% Less
Management
Overhead



90%
Up To 90% Reduction
In WAN Costs



70%
Up To 70% Less
Storage Costs



15
15 Minute RPO/RTO
Sla's For Backup



3x
WAN Performance
Gain



80%
Faster Provisioning



60%
Reduction In Overall
TCO



55%
Reduction In Power
Consumption



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