Orchestrating a brighter world   **NEC**

10 Reasons to Choose
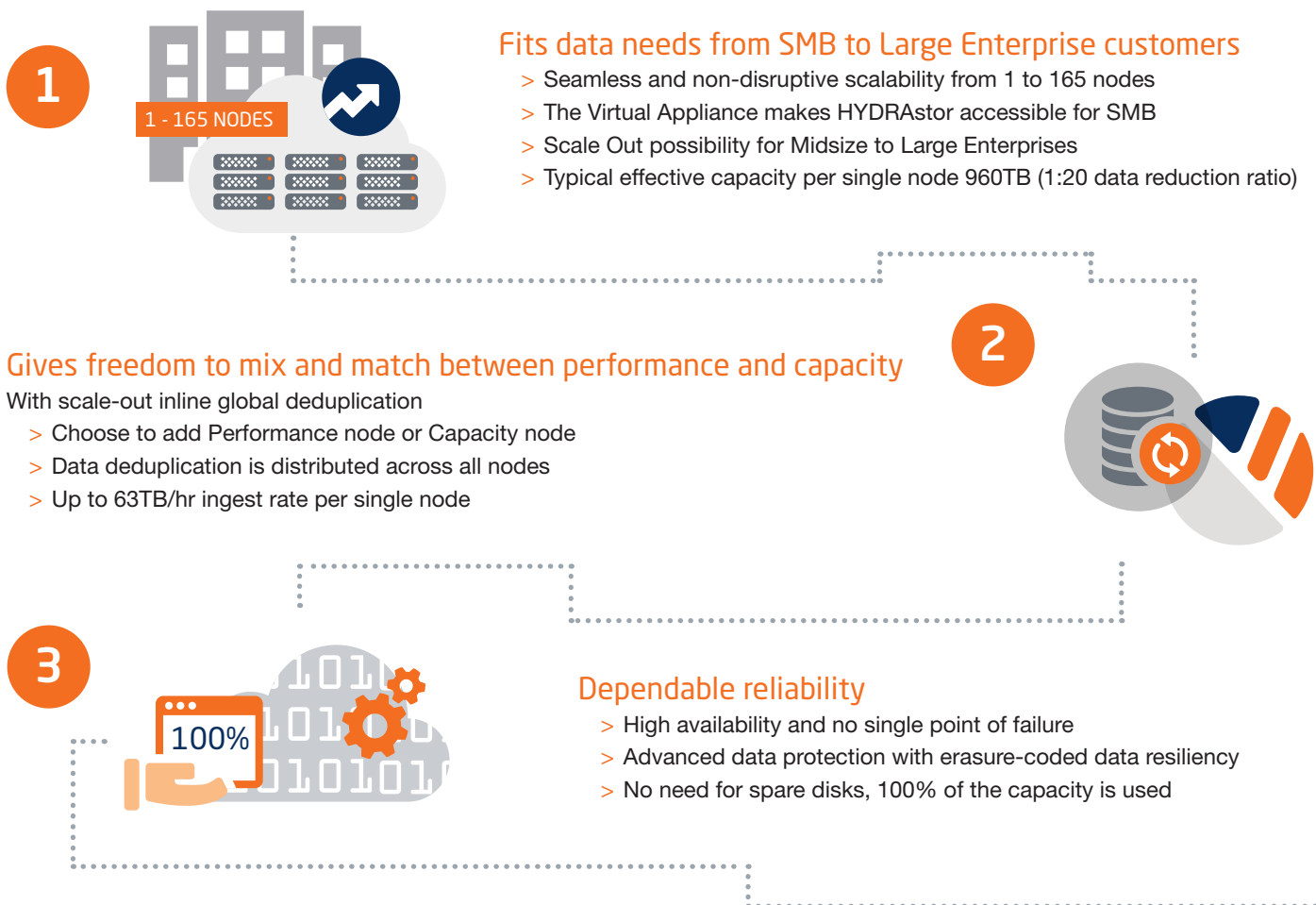
NEC HYDRAstor

High Performance Capacity-optimized Storage for Long-term Data
Data is growing at explosive rates. Storage & Data Management is considered as a top priority among all CIO's and IT administrators. Even in midsize and smaller organizations hundreds of terabytes to petabytes of data needs to be managed. Compliance and regulatory requirements are forcing longer retention terms.

Primary data sets are large, but secondary storage requirements are generally three to four times as large for most enterprises. Because of the significant benefits that disk offers, many customers are deploying secondary storage platforms built around scale-out disk-based architectures. NEC HYDRAstor's secondary storage consolidation platform delivers a strong long-term track record in the industry for performance, data resiliency, non-disruptive technology refreshes.

The most important **10 reasons why to choose NEC HYDRAstor**:

1

1 - 165 NODES

Fits data needs from SMB to Large Enterprise customers
> Seamless and non-disruptive scalability from 1 to 165 nodes
> The Virtual Appliance makes HYDRAstor accessible for SMB
> Scale Out possibility for Midsize to Large Enterprises
> Typical effective capacity per single node 960TB (1:20 data reduction ratio)

Gives freedom to mix and match between performance and capacity
With scale-out inline global deduplication
> Choose to add Performance node or Capacity node
> Data deduplication is distributed across all nodes
> Up to 63TB/hr ingest rate per single node

2

3

100%

Dependable reliability
> High availability and no single point of failure
> Advanced data protection with erasure-coded data resiliency
> No need for spare disks, 100% of the capacity is used

www.necam.com/HYDRAstor

HYDRAstor

Simplifies management with intelligent management software

④

> Housekeeping tasks (data reclamation) are reduced thanks to a fully distributed system
> Self-aware and self-organizing platform

⑤

Avoids unnecessary data migration cost

> Non-disruptive dynamic technology refreshes or amendments

Open to the standards

⑥

> Works with any applications via CIFS, NFS or Express I/O connection with wide range of partners such as, Veeam, Veritas, Oracle and many more
> Cloud readiness (Amazon S3 and OpenStack Swift compatible APIs)

⑦

Allows every backup software to have 'Deduped Boost' Transfer

> A service can be deployed for deduplication to be handled by the Backup Server
> Tight integration with Veritas NetBackup
> Open Universal I/O for RMAN, CommVault, Veeam…

Your data is safe, everywhere

⑧ SAFE

> Replication to and from DR sites, with encrypted and de-duplicated streams
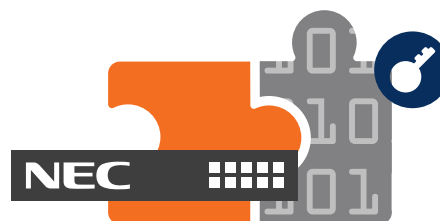> Virtual Appliance is supported for cost effective solutions

⑨

Investment protection

> Engineered in Japan with proven long-track field reliability
> Supports all main Backup Software vendors, certified with Archive ISV's
> Multiple generations of nodes share a single name space
> Guarantees safe operation up to 40 C°, reducing cooling needs

Compliancy with regulation

⑩

> Compliant with FIPS 140-2 validated libraries
> Offers WORM, Encryption & Data Shredding

NEC

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