

SHOP IN A BOX

A JOINT SOLUTION FOR RETAIL

from StorMagic, APC and HPE

RIGHT-SIZED IT FOR RETAIL

Keeping retail competitive in an ever-changing and increasingly digital world is a complex process. Instore IT infrastructure is a critical component of that competitiveness. Ageing, unreliable systems cause downtime, customer frustration, loss of revenue and store closures. To ensure retail stores remain active, viable and profitable, with IT infrastructure that is right-sized and affordable at scale, StorMagic, APC by Schneider Electric, and HPE have come together to create 'Shop in a Box'. This is the smallest edge IT solution ever: the most lightweight virtual SAN on the market, installed on two HPE servers, within APC's compact 6U rack.

WHY CHOOSE SHOP IN A BOX



REDUCE IT CAPEX AND OPEX
The absolute lowest cost way to run instore applications



ELIMINATE DOWNTIME AND DISRUPTION
100% uptime with only two servers



AVOID MANAGEMENT HEADACHES
Simple 'set and forget' solution



QUICKLY SCALE OUT DEPLOYMENT
Centralized management and witness

WHAT'S INCLUDED

APC by Schneider Electric EcoStruxure Micro Data Center C-Series 6U Wall Mount

- Up to 60% less intrusive than a traditional wall mount solution
- Unique low-profile design enables a compact form factor over traditional cabinets
- Numerous UPS and PDU options available, as well as a range of accessories



HPE ProLiant servers

- The ProLiant server range has been validated in the Shop in a Box solution
- Select the best ProLiant servers to match the workload – no over-provisioning
- Entire solution can be purchased directly from HPE or any HPE global channel partner

StorMagic SvSAN

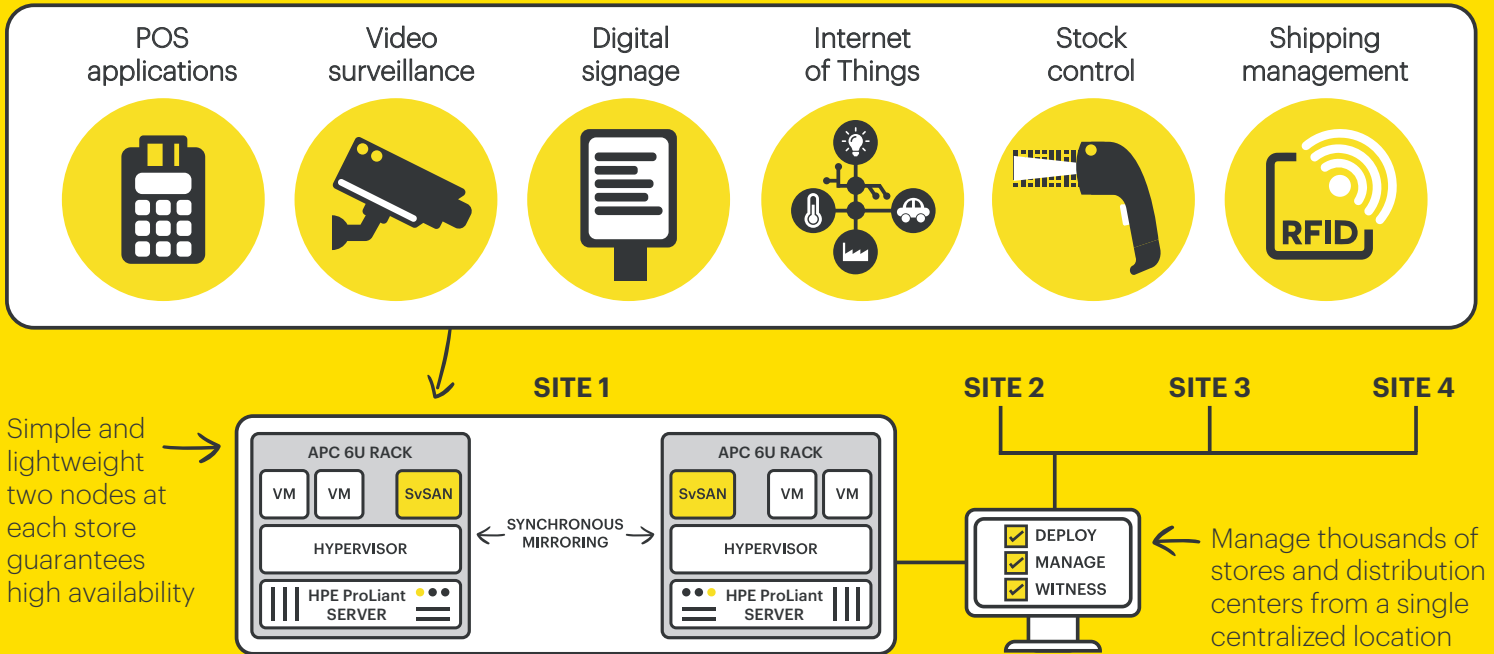
- Lightweight virtual SAN solution to provide shared storage and high availability
- Requires only two nodes per store – one witness provides quorum for 1000 stores
- Compatible with vSphere, Hyper-V and KVM hypervisors

TRUSTED BY GLOBAL BRANDS:



CUSTOMER STORY:

40% OPEX REDUCTION AND DOWNTIME ELIMINATED ACROSS 2500 RETAIL STORES



CHALLENGES

- Big box US retail chain with over 2500 stores nationwide
- Existing local SANs regularly failed with loss of data
- Averaged 100 outages a year and 6 hours downtime per outage

REQUIREMENTS

- Ensure high availability across the entire infrastructure
- Reduce hardware footprint and simplify architecture
- End reliance on costly external IT support services

SOLUTION

- SvSAN provides high availability at every store
- Lightweight two server architecture with centralized witness (*quorum*)
- Simple, centralized management eliminated need for on-site IT support

RESULTS

- Centralizing the witness reduced potential hardware costs by 33%. All 2500+ stores are served by just 4 witnesses
- Simplified, lightweight architecture reduced operating costs by 40%
- Threat of data loss removed and downtime eliminated at every store



For more information
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