

The retail industry has always been about flexibility. A very competitive environment combined with the need to accommodate rapid growth creates a set of unique challenges that can't be addressed with a generic approach. The IT infrastructure here is responsible for resolving 2 key business problems: uptime of the ERP system in the head office to ensure efficient work with suppliers and uptime of the individual shops. Downtime of any of these systems will lead directly to losing money, as well as customers and suppliers.

The most important thing is to keep databases online to ensure the process goes smoothly and always in a timely manner. StarWind focuses on delivering solutions that ensure constant uptime, as well as offering minimalistic 2-node clusters for each of the individual shops, which, while having the least possible footprint, do not compromise in terms of performance and reliability. Top that off with the ability to repurpose existing hardware and you get the ultimate retail solution.

PROBLEMS

Database downtime leads to financial losses and damage to the image of the company

Complex maintenance of a lot of diverse hardware across each shop location

Difficulties in synchronizing data between individual locations and head offices

SOLUTION

- StarWind provides synchronous 2-way or 3-way replication to ensure data availability even if one or more nodes fail
- Simplifying infrastructure maintenance by eliminating separated storage nodes and converting to HyperConverged Infrastructure, increasing resiliency and decreasing footprint
- StarWind ensures that each location has a DR copy of its data, either in the cloud or in the head office

ARCHITECTURE AND BENEFITS



Ensure your databases and services are always available even during maintenance and patching.



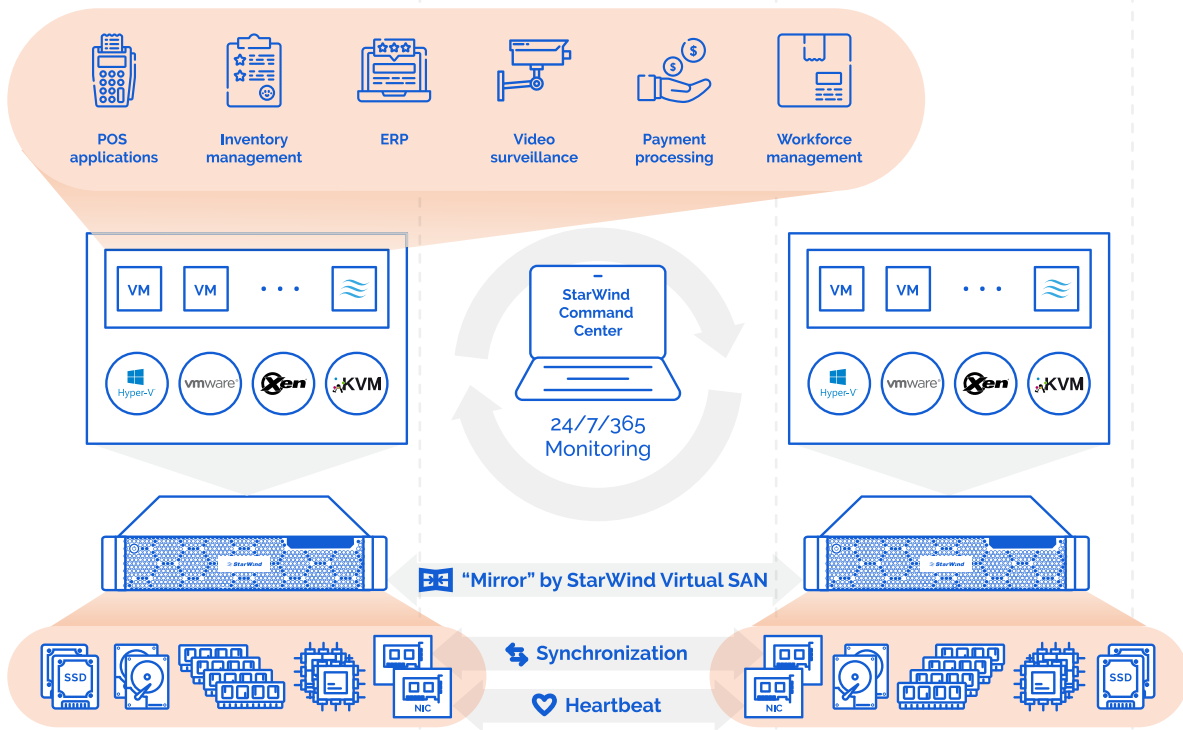
Build a Highly Available infrastructure with minimum investments



Flexible scaling to meet data growth requirements.



SHOP NETWORK



Auchan

ProPORTION Foods

ACHESON & ACHESON

Jeh

WYNSORS

alfred dunner

JO-ANN
fabric and craft stores

EPIC
SPORTS

MORGAN FOODS

Carlsberg
Vietnam

ATC
STORES.COM

NISSAN

قطر مول
MALL OF QATAR