StarWind
for Airports

≈ **StarWind**

With millions of passengers passing through the world's airports every day and the ever-increasing demands as passengers for digital options and smooth travel, the need for robust IT infrastructure has never been greater. From bag drop and passenger security checks to onward conveyance, storage, sortation, flight make-up, and baggage reclaim — all of this is taken care of by the automated system. Subsequently, the foundation for these systems comprises a crucial issue.

StarWind understands the importance of these systems, as well as the nuances of the deployments and has experience closely working on them with integration partners. This has been proven by StarWind being the choice for underlying infrastructure for security screening and luggage logistics in 7 of the 10 busiest airports in the United States. The key values we deliver are unmatched uptime, quick and easy deployment and a high level of fine-tuning and adapting the infrastructure to its workload.

Systems running on StarWind have proven to dramatically increase the overall efficiency of an airport's systems while enhancing the passenger experience and lowering operational costs.

PROBLEMS

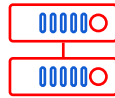Growing demands from a passenger experience perspective

Lack of flexibility and simplicity with most infrastructure solutions

No possibility for any downtime for the systems

SOLUTION

- Unique blend of performance and reliability in the same solution
- High level of flexibility, allowing unique design for different solutions
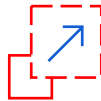- Possibility to configure flexible resiliency levels

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ARCHITECTURE AND BENEFITS
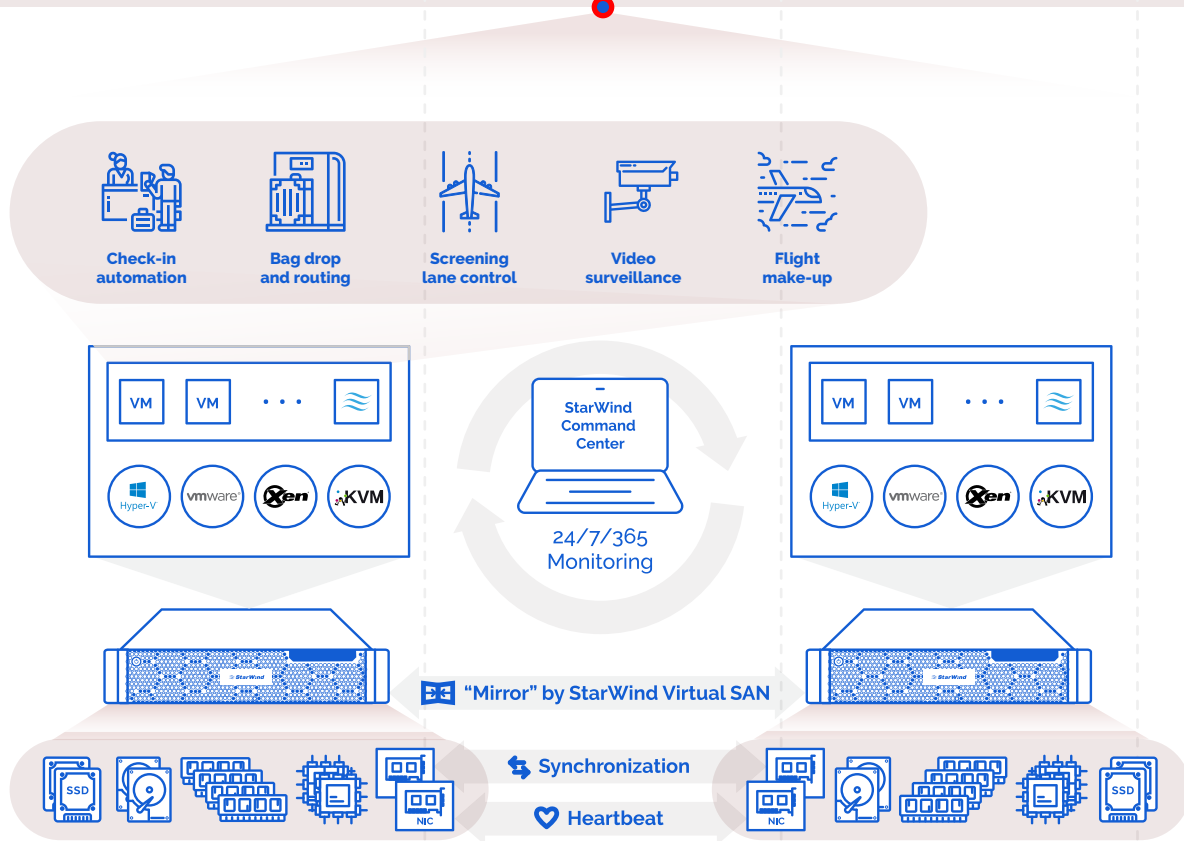
- Lean 2-node architecture
- High-level of pre-integration for your applications
- High-scalability

AIRPORT NETWORK

Airport₁   Airport₂   Airportₙ   Airportₙ₊ₘ

- Check-in automation
- Bag drop and routing
- Screening lane control
- Video surveillance
- Flight make-up

VM | VM | ... | ≈
Hyper-V | vmware | Xen | KVM

StarWind Command Center

24/7/365 Monitoring

VM | VM | ... | ≈
Hyper-V | vmware | Xen | KVM

⬡⬡ "Mirror" by StarWind Virtual SAN

SSD | NIC

⇄ Synchronization

♥ Heartbeat

NIC | SSD