

## for Energy Industry

**The annual increase in resource consumption and the acceleration of technological progress dictate the need for the energy industry to involve the latest and most efficient technologies available. Specifically, inclusion of contemporary approaches to IT infrastructure, which is at the center of facilitation of present-day and future needs related to energy and environmental protection, is a must.**

Since oil, gas, and energy companies often have their production and utilization sites at remote locations and even off-shore, space is at premium, Internet connectivity is low and pricy, and IT staff is in shortage. StarWind has just the perfect solution to counter all that — a compact, self-healing, highly available, easy to use, and modern HCI that has it all and can cope with any peaks in demand and usage.

### PROBLEMS

High Uptime does not cut it, you require absolute fault-tolerance

Need for flexibility in terms of compute and storage

Lack of flexible scalability restricts efficient infrastructure deployment

### SOLUTION

- True storage fault-tolerance
- Flexible platforms custom-tailored to specific requirements
- Unique model lines built to offer the best infrastructure for larger and smaller clusters alike

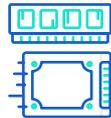
## ARCHITECTURE AND BENEFITS



Active-Active  
replication



Multiple configurable  
storage tiers



SSD caching

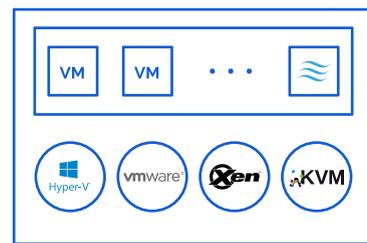
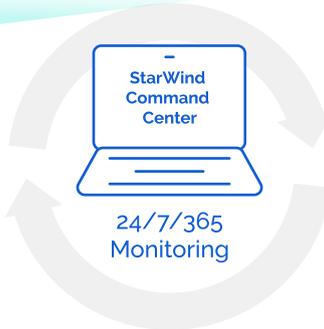
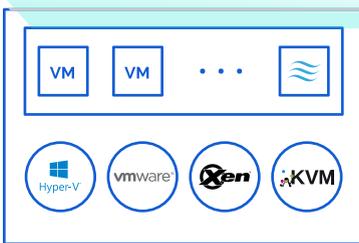
PPM (Project  
Portfolio Management)

File Servers

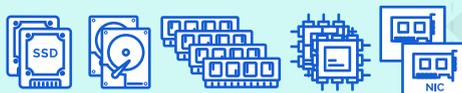
SQL databases

Video Surveillance

Bigdata analysis



“Mirror” by StarWind Virtual SAN



Synchronization  
Heartbeat

