NEXAVM

Company Profile

The next generation of enterprise virtualization

www.nexavm.com

02 dec , 2025

Presented by Manuel

NexaVM Technologies All Rights Reserved.

About Us

Vision

We're bringing the next generation of enterprise virtualization, we want to re-define the future of it in Europe and in the world, with an open minded technology driven by trust and transparency.

Mission

We provide customers and partners with an enterprise-grade virtualization and cloud platform, built on openness, transparency, and a customer-first approach. Our goal is to create a value chain where everyone — vendors, partners, and customers — is happy to do business.

Overview

Proposed Solution

NEXAVM offers a complete stack of advanced technologies designed to bring virtualization to a whole new level. Our solution bridges the gap between outdated systems and the modern demands of digital transformation.

Product portfolio

- **nSSV**: Secure Server Virtualization is our Hypervisor, the core of our stack, enabled with all enterprise-level functionalities
- **nCSSV**: Cloud Software Virtualization, Private and hybrid cloud platform
- **nSAN**: Distributed Storage Area Network to build the most reliable and scalable hyperconverged infrastructures
- **nSDS**: On top of standard nSAN, this supports object S3, file storage and stretched cluster
- **nCMP**: Cloud Management Platform the only platform you'll need to provide cloud services to the world
- **nMCMP**: Multi Cloud Management Platform is designed to reduce the complexity of managing multi-cloud workloads
- **nDesk**: Virtual Desktop Infrastructure to enable work from anywhere in a secure and easy-to-manage way

NexaVM Technologies All Rights Reserved.

The “4S”

NEXAVM

Simple

Simple installation and deployment, simple operation and maintenance, friendly UI integration

Scalable

Flexible horizontal and vertical expansion from one to thousands nodes, open API interface and compatible with a variety of systems

4S

Strong

Stable and efficient system architecture, HA between cloud host and management terminal, support highly concurrent API requests

Smart

Flexible horizontal and vertical expansion from one to thousands nodes, open API interface and compatible with a variety of systems

NexaVM Technologies All Rights Reserved.

Our Key Advantages

NEXAVM

Quick Time to Market

- A basic setup can be done within 30 minutes
- Version upgrades can be done in a rolling fashion without affecting the business

Cost Effective

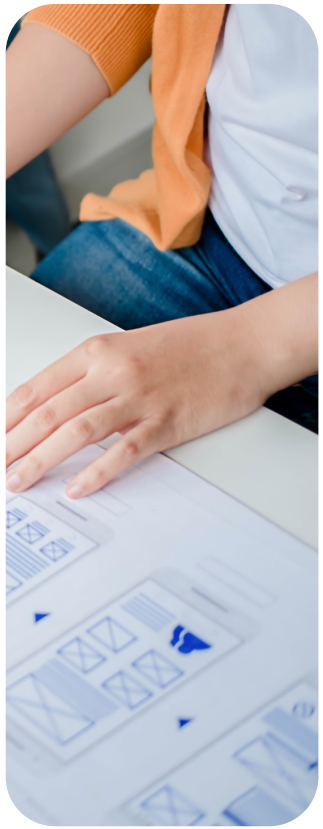
- Flexible licensing
- More out-of-the-box features without any additional cost
- Transparent commercial policies, no lock-ins, no hidden costs

Easy and User Friendly Operations

- All O&M using the same web-based console
- Container aware infrastructure
- Everything is API, automated end to end

Deeply integrated, Widely compatible

- Multi-vendor hardware compatibility with x86 and ARM processor support. Native integration with existing datacenter infrastructure including storage arrays, network switches, and security appliances.



NexaVM Technologies All Rights Reserved.

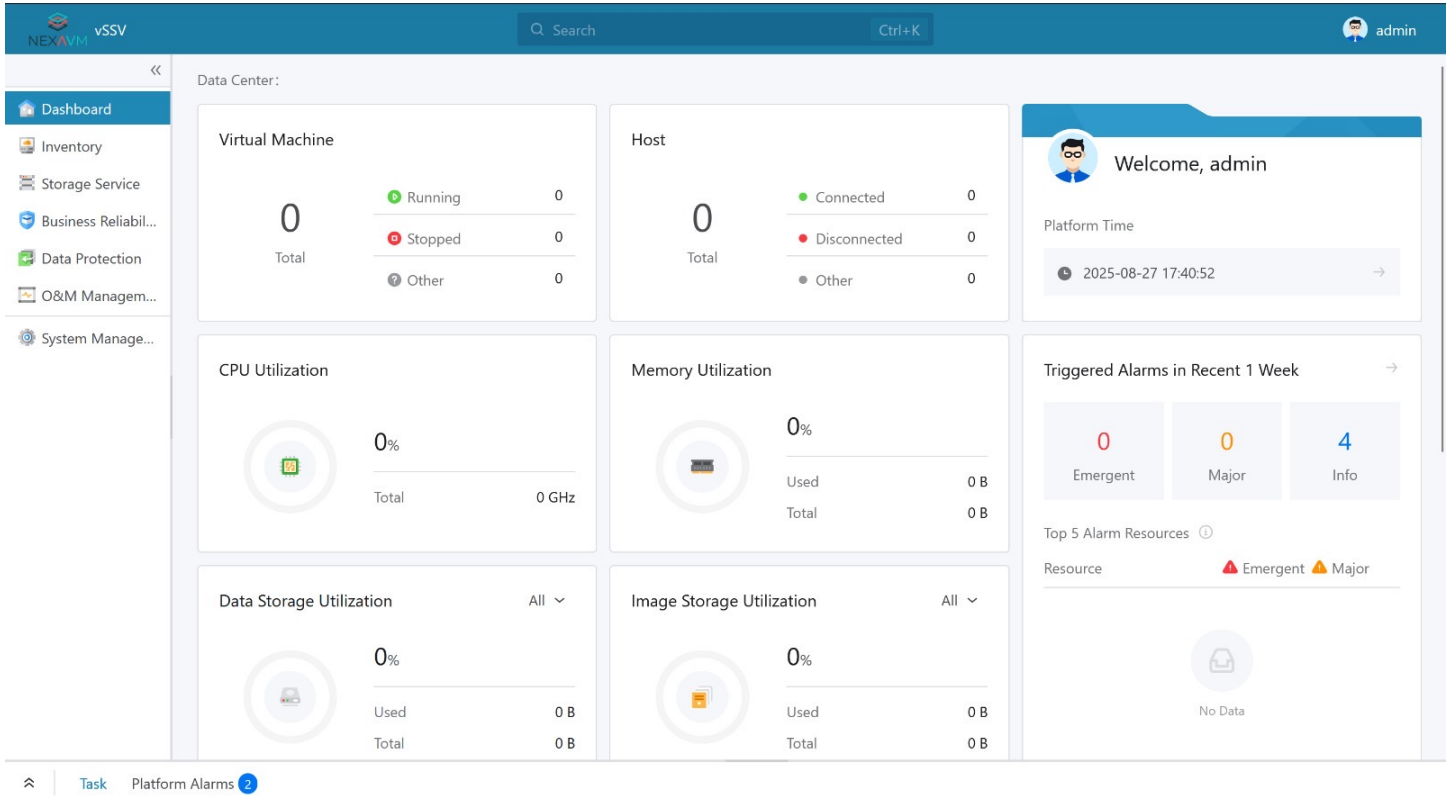
01 NexaVM nSSV

NexaVM Technologies All Rights Reserved.

NexaVM nSSV -Virtualization Platform

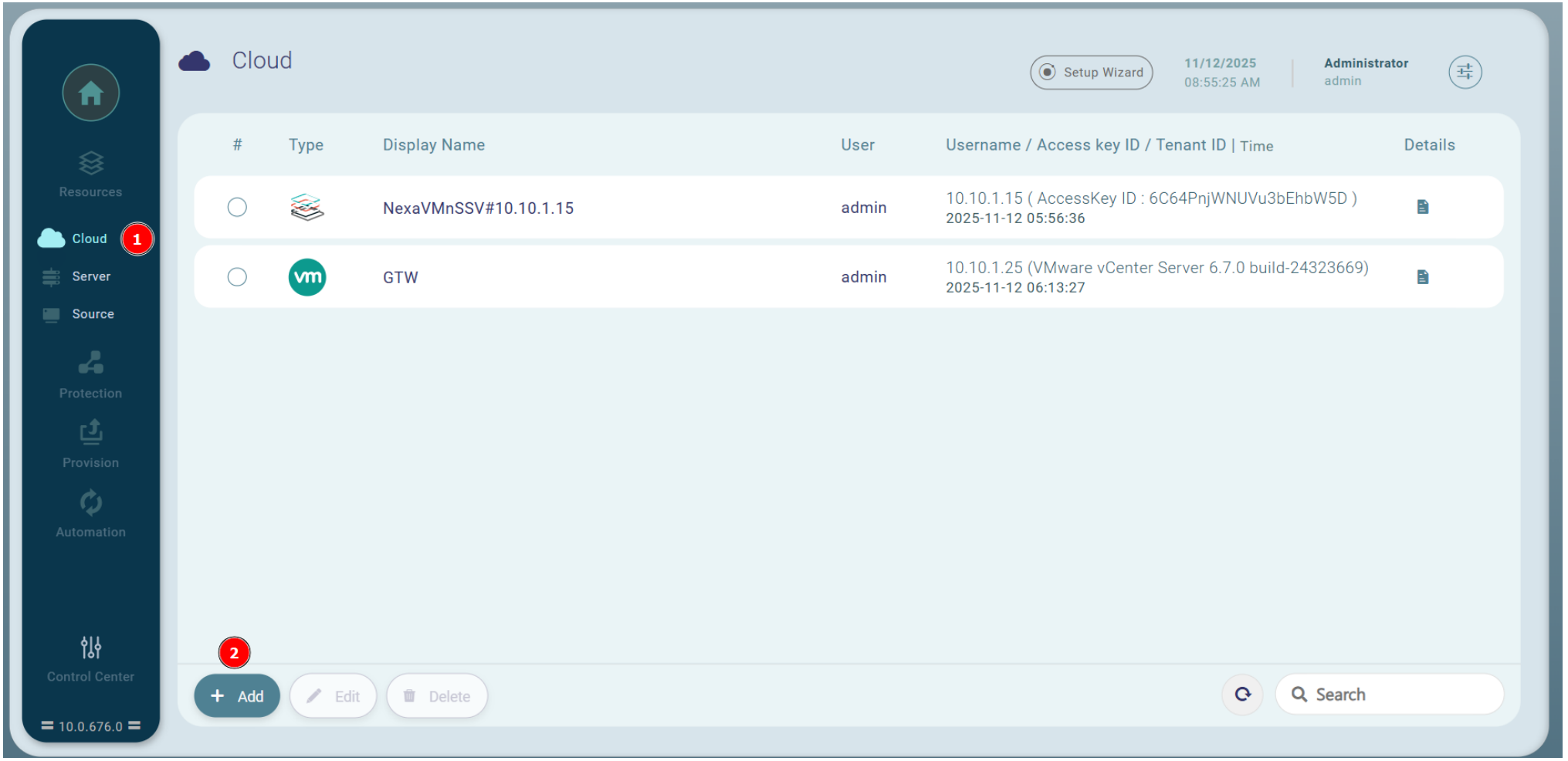
NexaVM solving enterprises' trouble:

1. European products
2. Reasonable charging
3. Flexible licensing
4. Simple
5. Strong
6. Smart
7. Scalable



NexaVM Technologies All Rights Reserved.

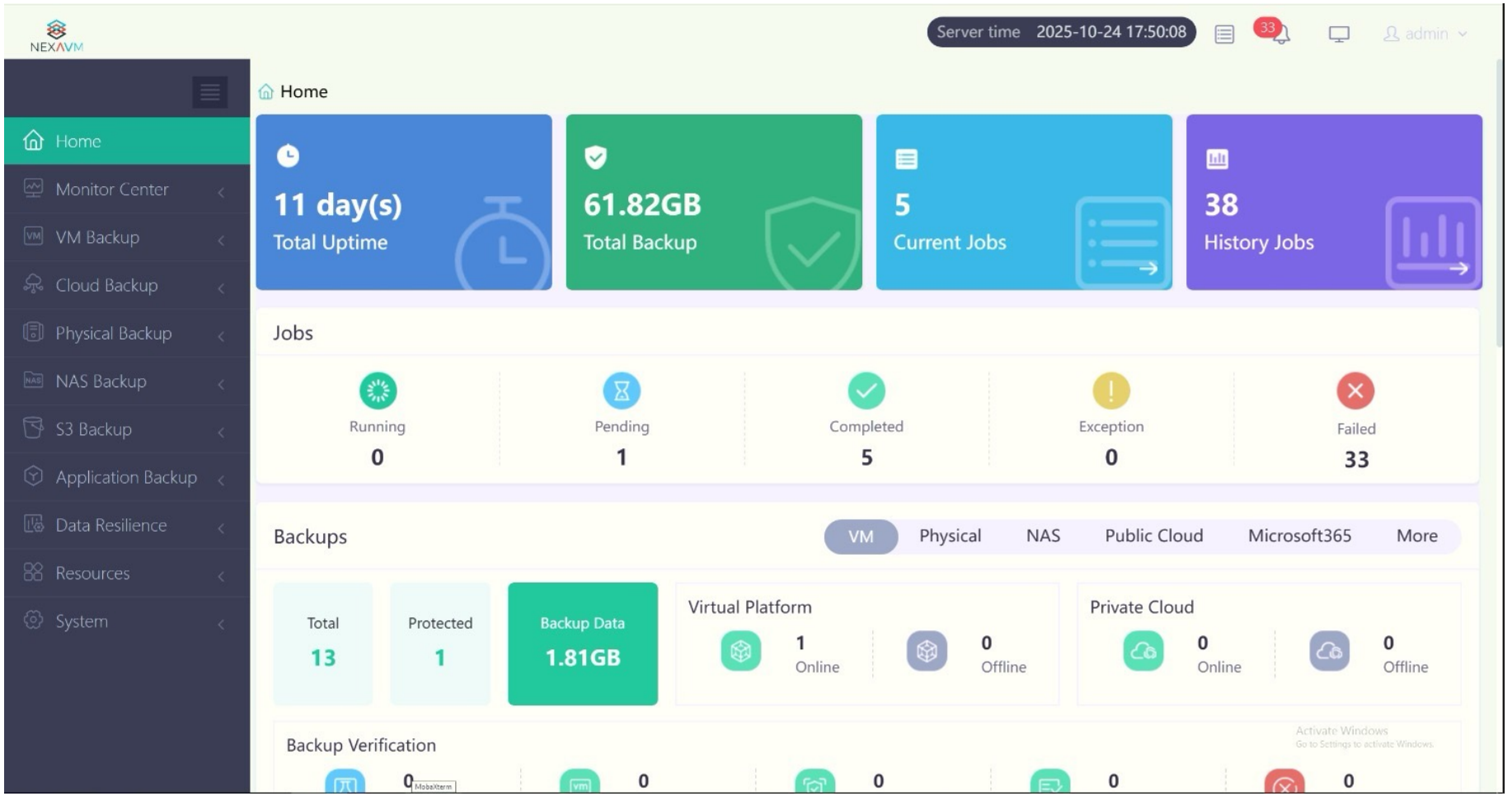
Seamless Migration from Vmware



NEXAVM Technologies AG ©2025 All Rights Reserved

02 NexaVM bDR

NexaVM Technologies All Rights Reserved.



NEXAVM Technologies AG ©2025 All Rights Reserved

03 NexaVM nCSSV

NexaVM Technologies All Rights Reserved.

Lightweight Private Cloud

One - click download, complete installation and deployment within 30 minutes

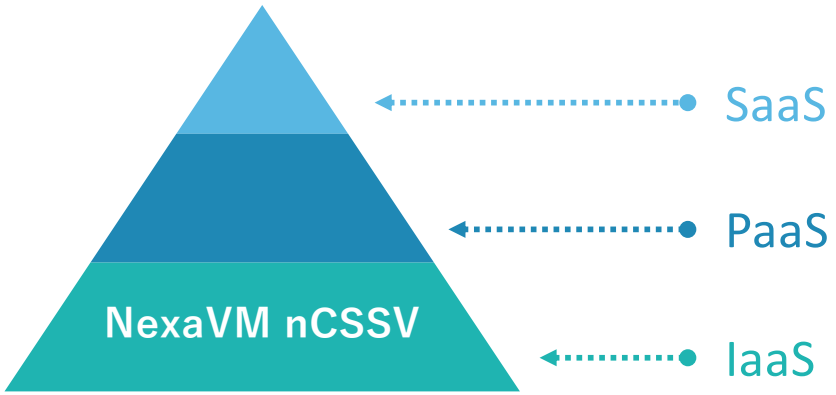
One - physical machine can build a POC environment

One- management node is sufficient to manage the entire cloud platform

One - operation and maintenance personnel (with general capabilities) can easily perform O&M

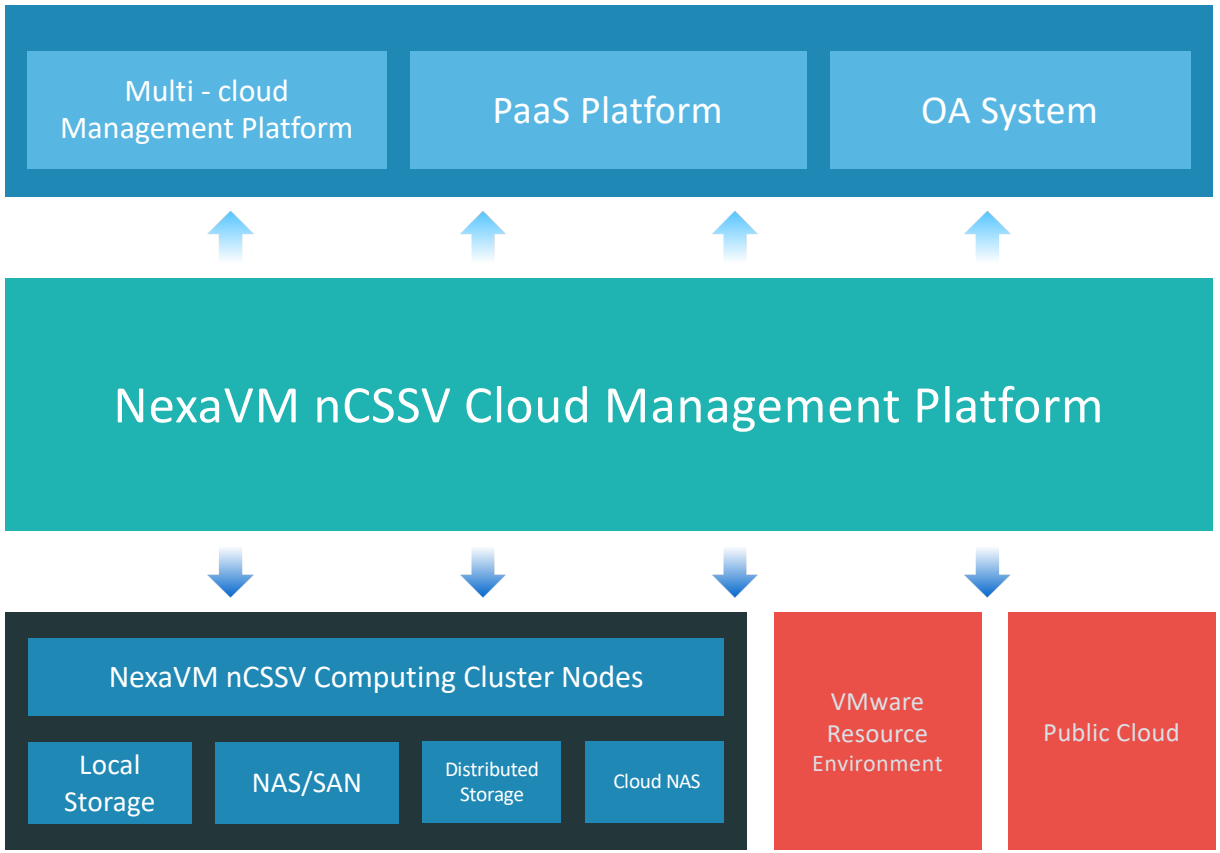
One - click inspection for all - round health check and scoring

Guided operation prompts, with rich automated O&M functions



NexaVM Technologies All Rights Reserved.

Uniformly manage all kinds of resources and deliver on demand



Management: Heterogeneous Resource Platform Management

Can simultaneously manage NexaVM computing clusters, VMware vCenter resource environments, and public cloud environments

Resource: On - Demand Delivery of Business Resources

Provides load balancing, elastic scaling, and dynamic scheduling to achieve elasticity and on - demand usage of business resource requirements.

Openness: Open Cloud Platform

Provides standard HTTP Restful APIs to connect with third - party cloud management platforms, PaaS platforms, and OA systems.

Efficient Management - to - Computing Ratio

High - efficiency management - to - computing ratio. One management node can manage 10,000 computing nodes.

NexaVM Technologies All Rights Reserved.

NEXAVM

04 Software Defined Storage

NexaVM Technologies All Rights Reserved.

NEXAVM

nexaVM nSAN

Enterprise Software-Defined Storage

A distributed SDS platform for modern data center and cloud infrastructures

Distributed SDS Architecture

Built for scalability to tens of petabytes with linear performance growth as nodes are added.

Unified Storage Services

Block, File and S3-compatible Object Storage from a single platform.

Performance & Reliability

Strong-consistency hashing and deep code optimizations for high throughput and low latency.

Hardware Agnostic

Runs on industry-standard x86 servers and supports diverse hardware ecosystems.

> Deliver enterprise-grade SDS with cloud-economics and operational simplicity.

NexaVM Technologies All Rights Reserved.

Advanced Storage Capabilities

Core & Advanced Capabilities

- Block, File & Object (S3) unified storage
- Stretched Cluster (Metro-HA) for active-active resilience
- Data Reduction: Inline deduplication & compression
- Erasure Coding for optimized capacity efficiency
- Snapshots & Thin Provisioning
- Multi-interface Access & MPIO with load balancing

Encryption

Compression

Cloud & Data-centric Enhancements

- Cloud Native Readiness with S3 APIs for modern apps
- Cross-Pool Synchronization & Data Mobility
- Disk Encryption & Security Controls
- Efficient Data Protection & Recovery with snapshots and replication

NexaVM Technologies All Rights Reserved.

04 AI As A Service

NexaVM Technologies All Rights Reserved.

NexaIQ| Three Core Capabilities

Infrastructure layer

Unified management and operation of GPU, making the use of resource transparent and efficient, supporting heterogeneous resources and cross-zone.
For example, support chips such as NVIDIA, Huawei Ascent, and Haiguang DCU to improve resource utilization.

Model layer

In the model layer, multi-modal models can be deployed with one click, and AI models can be deployed quickly to generate inferencing API. In addition, multi-departments can collaborate to share data, test and iterate for a long time, and provide intuitive and professional evaluation of AI models, intelligence evaluation and performance evaluation. Provide model evaluation and tuning tools to optimize model performance. Support LLM, image and audio generation models.

Application layer

It can carry all kinds of application development platforms, manage in full stack, maximize hardware utilization with minimum management cost, and the application layer supports scenario application development such as RAG knowledge base, intelligent customer service and text-to-image. For example, the media industry uses the function of “Text-to-Image" to generate content and improve creative efficiency.

NexaVM Technologies All Rights Reserved.

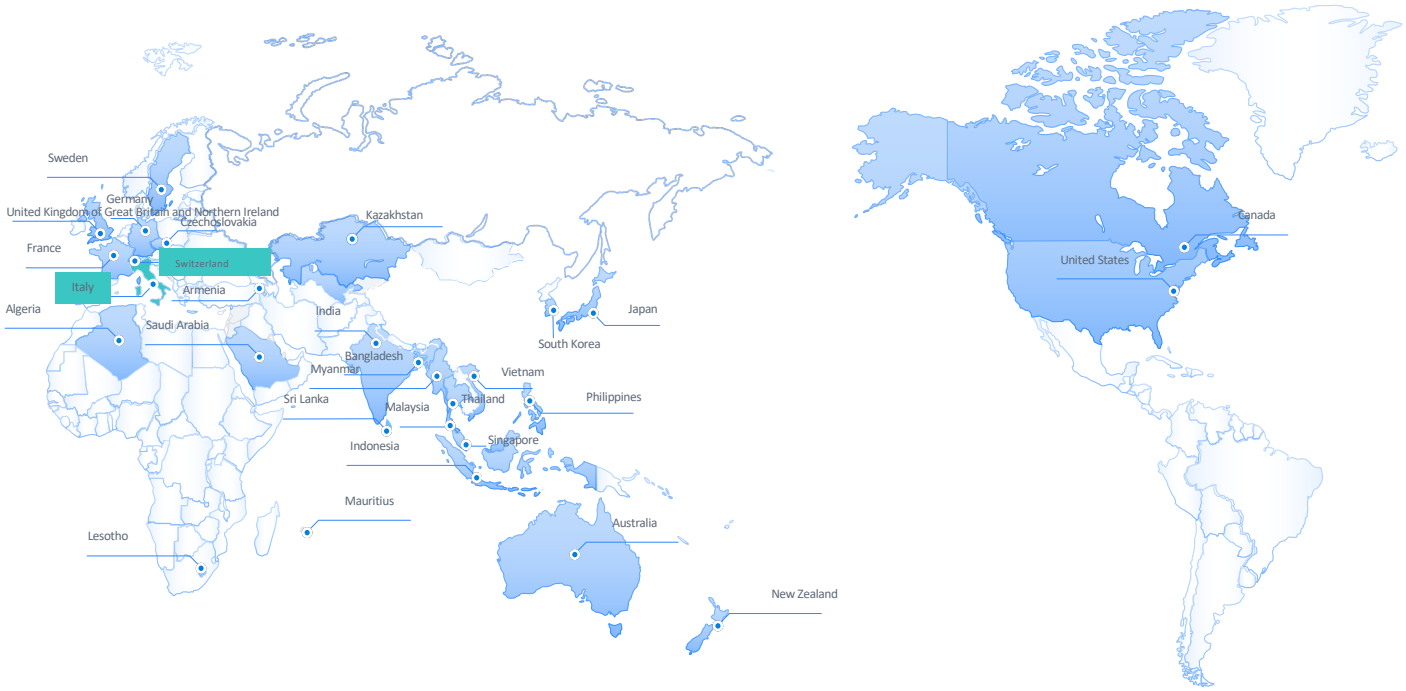
NEXAVM

05 Success Cases

NexaVM Technologies All Rights Reserved.

Selected Customer Success Stories

Serving 4,000+ customers in more than 30 countries and regions around the world



- GLM: Global Care Hospital.
- SESP University: Sdeco Capital.
- NRSP: Islamabad State City.
- NIFT: VMware to NexaVM, Business online Migration, Integration with Centralized Managemet

NexaVM Technologies All Rights Reserved.

THUX: Italian CSP for Finance

VMware to NexaVM, Business online Migration, Integration with Centralized Managemet.

About Customer

Company operating in the field of CSPs with a specific focus on end customers in the financial sector

Customer Requirements

The request is for a multitenant system for the centralized management of workloads dedicated to end customers in the financial sector, with the option of allowing the end customer to manage the VMs if necessary. Integrated platform for managing hybrid systems on different platforms.

Customer Value

Simplified operations: the unified control plane significantly reduces management complexity across platforms.
Faster resource provisioning: NexaVM self-service improves responsiveness to customer needs.
Optimized centralized management of multiple platforms, with a graphical interface similar to VMware and simplified for the end user.

NexaVM Technologies All Rights Reserved.

Scalo Milano: Italian Shopping Outlet Village

VMware to NexaVM, Business online Migration, Easy Management.

About Customer

Major outlet village very close to the city of Milan, open seven days a week

Customer Requirements

The customer needed to migrate from a VMware system to a simple and robust HCI system capable of ensuring business continuity 365 days a year.

Customer Value

nSSV integrates with your existing network and, thanks to nSAN, guarantees the business continuity requirements of virtual machines, improving the efficiency of order processing on customer platforms.

Ensure zero business interruptions with NexaVM's V2V online migration.

nSSV supports hot cross-version updates, enabling business updates without interruptions.

NexaVM Technologies All Rights Reserved.

Saudi Arabia CCTV

NexaVM Manages CPU/GPU Resource Pools to Enable CCTV Video AI Deployment

About Customer

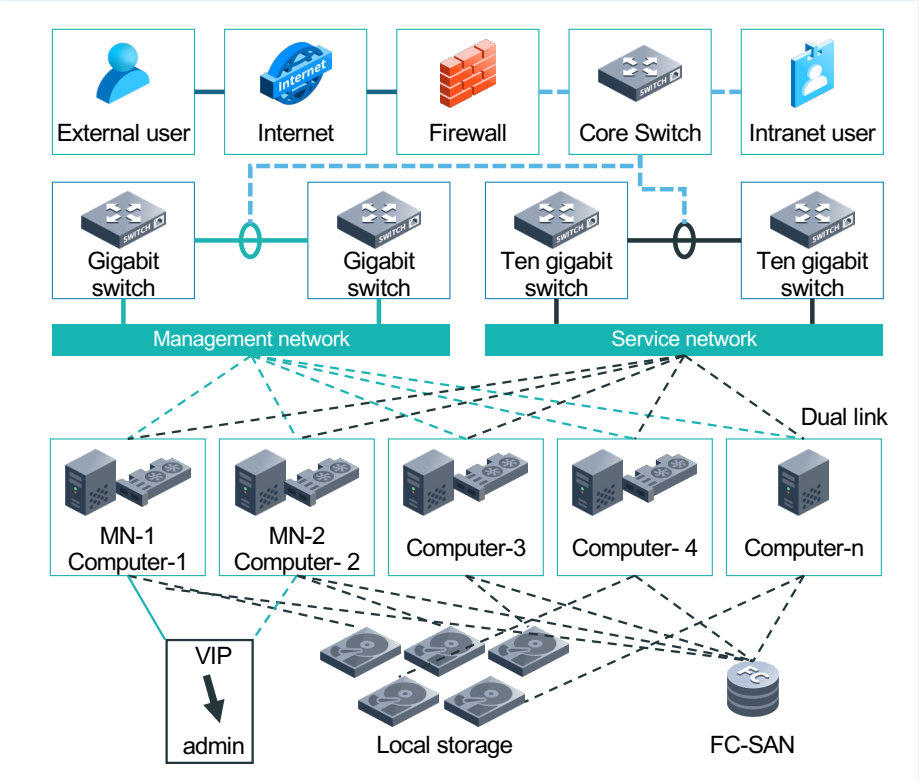
- Smart cities need a unified CCTV system that connects police, traffic, and urban management resources.
- High-definition video and AI analysis are essential for modern surveillance.
- An efficient, flexible, and intelligent security platform is required.

Customer Requirements

- Low resource utilization: High hardware costs and unbalanced video and AI workloads.
- Limited scalability: Cannot quickly support new services like facial or license plate recognition.
- Complex operations: Isolated systems across departments and scattered security policies.

Customer Value

- Deploy high-performance server clusters in two locations to build dual compute resource pools, with unified CPU/GPU management via NexaVM.
- Use GPU pass through for dedicated AI task acceleration, improving large model response speed.
- Hybrid architecture with centralized and local storage meets both high-throughput and cost-effective video needs, boosting IO performance.
- NexaVM supports cross-version hot upgrades and security enhancements, enabling non-disruptive patching and meeting government compliance requirements.



NexaVM Technologies All Rights Reserved.

Australia 5G Networks

VMware to NexaVM, Comprehensive VM Backup, CMP Support, Centralized Management by 5G networks

About Customer

5G Networks is a licensed telecommunications operator in Australia, requiring operations across multiple locations.Key challenges include:

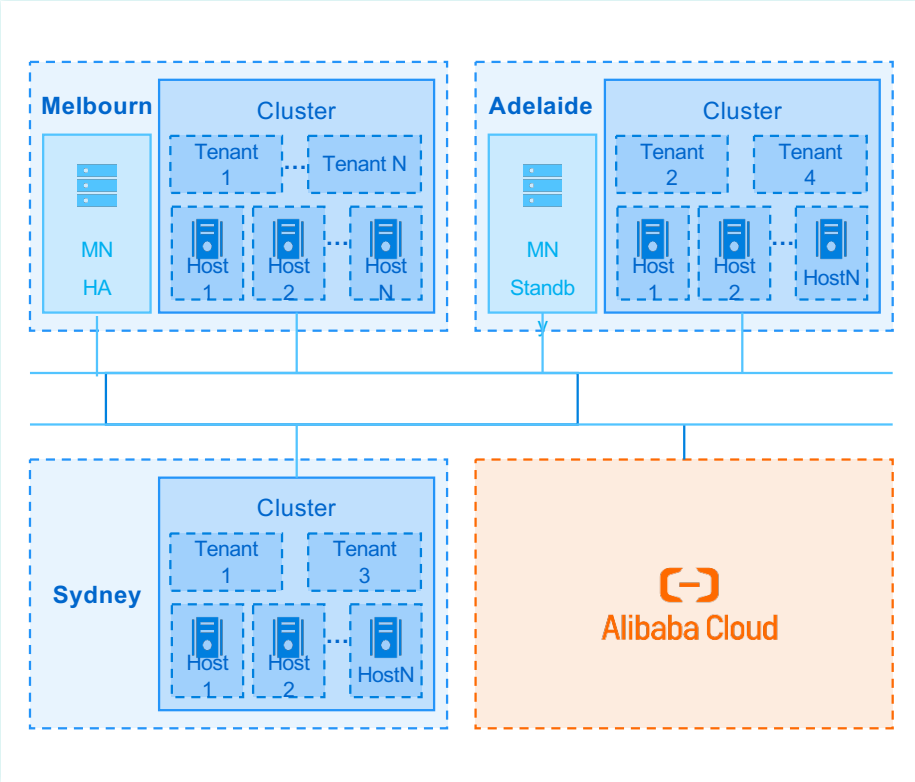
- Seamless VMware Migration: Migrate VM without downtime to ensure service stability.
- Reliable Disaster Recovery: Implement automated VM backups to ensure business continuity.

Project Solution

- Centralized Management: NexaVM unified resources across Melbourne, Adelaide, and Sydney.
- CMP Support: Seamless integration with Alibaba Cloud
- Successful V2V Migration: NexaVM's built-in migration feature successfully migrated over 1,300 new VMs.
- Comprehensive VM Backup: Built-in backup functionality offers local, remote, and VM backup options, ensuring robust disaster recovery capabilities.

Customer Value

- Unified Portal: Simplified management through a single control plane.
- Enhanced Efficiency: Automated operations reduce manual workload.
- Open API and Easy Integration: Seamlessly connect with existing and future business applications.
- Investment Optimization: Lower costs by maximizing the use of existing infrastructure.



NexaVM Technologies All Rights Reserved.

One of TOP 8 Universities in HK

Cloud Solution	nexaVM Cloud Enterprise Enhanced + Bare Metal Add-on	Legacy hardware, applications & database

Business Challenge

As one of the top-tier research institutions in Hong Kong, the university operates a vast and complex IT infrastructure. The following challenges were identified:

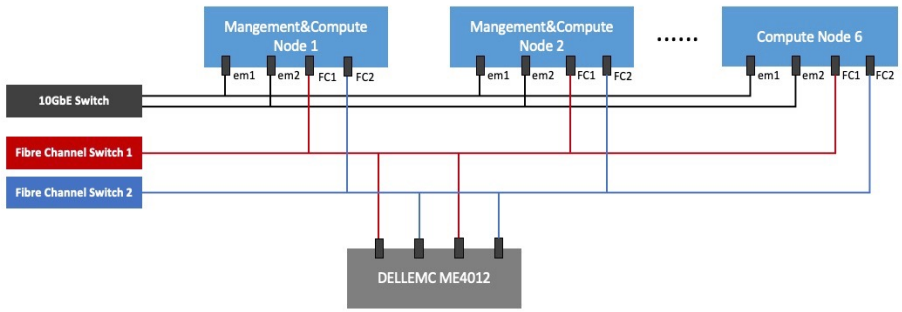
- Non-Cloudifiable Physical Machines: A significant portion of legacy systems and core services still rely on physical deployment.
- Database on Bare Metal: Certain academic or administrative databases require dedicated physical servers for performance or regulatory reasons.
- Complex O&M Environment: Operations across physical, virtual, and VMware environments result in increased complexity and overhead.
- Campus SPOF Risk: Services deployed across two campuses had potential single points of failure, putting service continuity at risk.

Project Solution

- Hybrid Platform with Unified Management: Leveraged nexaVM nCSSV to unify management of FC SAN-based physical servers, VMware environments, and native virtual machines under a single platform.
- Multi-Tenant Self-Service Portal: Enabled different colleges, departments, and research labs to independently access and provision cloud resources on demand.
- V2V Migration from VMware: Used nexaVM V2V toolset to gradually migrate virtualized workloads from VMware to nexaVM, reducing vendor lock-in.

Customer Value

- Simplified Operations: Unified control plane significantly reduces management complexity across platforms.
- Faster Resource Delivery: Cloud self-service improves responsiveness to academic and research demands.
- Optimized Resource Use: Efficient repurposing of legacy hardware and better resource scheduling.
- Resilient Architecture: Eliminates SPOF between campuses and ensures high availability for teaching and research applications.



NexaVM Technologies All Rights Reserved.

Background

Elitery needed a solution to streamline VM management, enhance self-service, and maintain control over resources—without disrupting their existing VMware infrastructure. The goal was to improve efficiency, ensure high availability, and optimize existing investments.

Challenge

Balancing self-service with efficient resource control in VMware

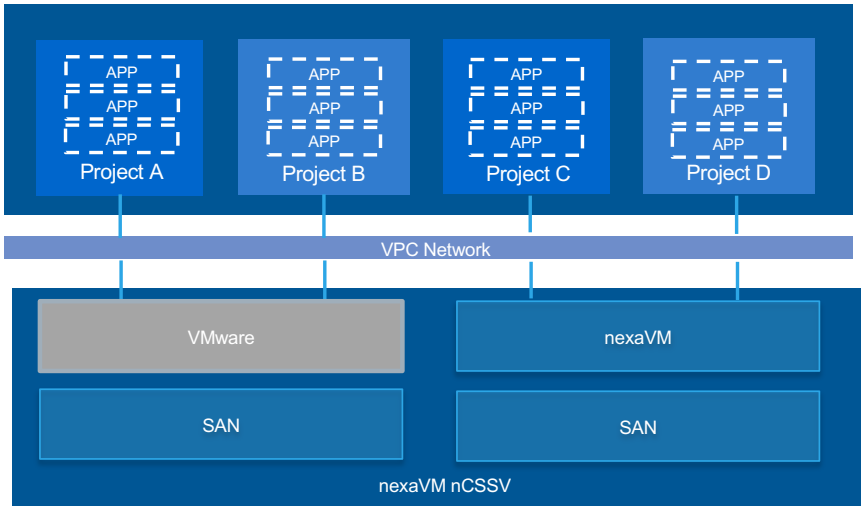
- **Avoiding disruption to existing VMware architecture and hardware investments**

Value to Customer

- **Increased Efficiency**:
  Simplified VM operations and faster provisioning
- **Legacy Compatibility**:
  Seamless integration into existing VMware environments
- **Business Continuity**:
  Reduced risk of downtime with nexaVM's HA architecture

Solution

- **VMware Management Module**: nexaVM integrates with vCenter for unified management of VMware and nexaVM resources
- **Enterprise Management Module**: Delivers centralized control with self-service capabilities for VMs
- **Leverage Existing Hardware**: Works with current infrastructure to reduce costs
- **High Availability**: Ensures business continuity through built-in HA features



NexaVM Technologies All Rights Reserved.

VMware to Cloud Platform Case： Indonesia ELITERY

**VMware to nexaVM，VMware co-management Heterogeneous Resources,
Self-Service Portal, High-Availability Architecture to Ensure Business Stability.**

About Customer

A leading data center and IT cloud management operations service provider (Managed Service Provider, hereinafter referred to as MSP) in Southeast Asia, headquartered in Jakarta, Indonesia, with operations spanning across Indonesia, Malaysia, the United States, and other countries and regions. The company provides enterprise clients with one-stop digital infrastructure solutions, ranging from consulting and deployment to management. In response to the growing business demands and management complexity, the Indonesian MSP is continuously committed to optimizing the operational efficiency and resource utilization of its internal platform.

Customer Requirements

- VMware has adjusted its new sales policy, leading to increased costs that necessitate alternatives.
- Establish a unified resource management platform that supports self-service capabilities.
- Enhance the platform's high availability to reduce the risk of business interruptions.
- Control operational permissions to balance the flexibility of business departments with resource compliance.

Customer Value

- Co-Managing Heterogeneous Resources: nexaVM nCSSV enables a replacement for VMware while integrating with vCenter to achieve centralized management of both VMware and nexaVM resources.
- Self-Service Capability: Through nexaVM nCSSV multi-tenant management module, business departments can automate the full process of provisioning, modifying, and reclaiming virtual machines via a self-service portal.
- Built-in High Availability Architecture: nexaVM built-in HA capabilities ensure business continuity.
- Granular Resource Control: nexaVM cloud's multi-tenant and permission mechanisms ensure compliant resource usage, supporting operational and regulatory requirements.

NexaVM Technologies All Rights Reserved.

NEXAVM

Thank You For Your Trust And Support

NexaVM Technologies All Rights Reserved.