

# Hyper-Converged Infrastructure (HCI)

## Virtualized KVM



### AVCIT Technology

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Youtube

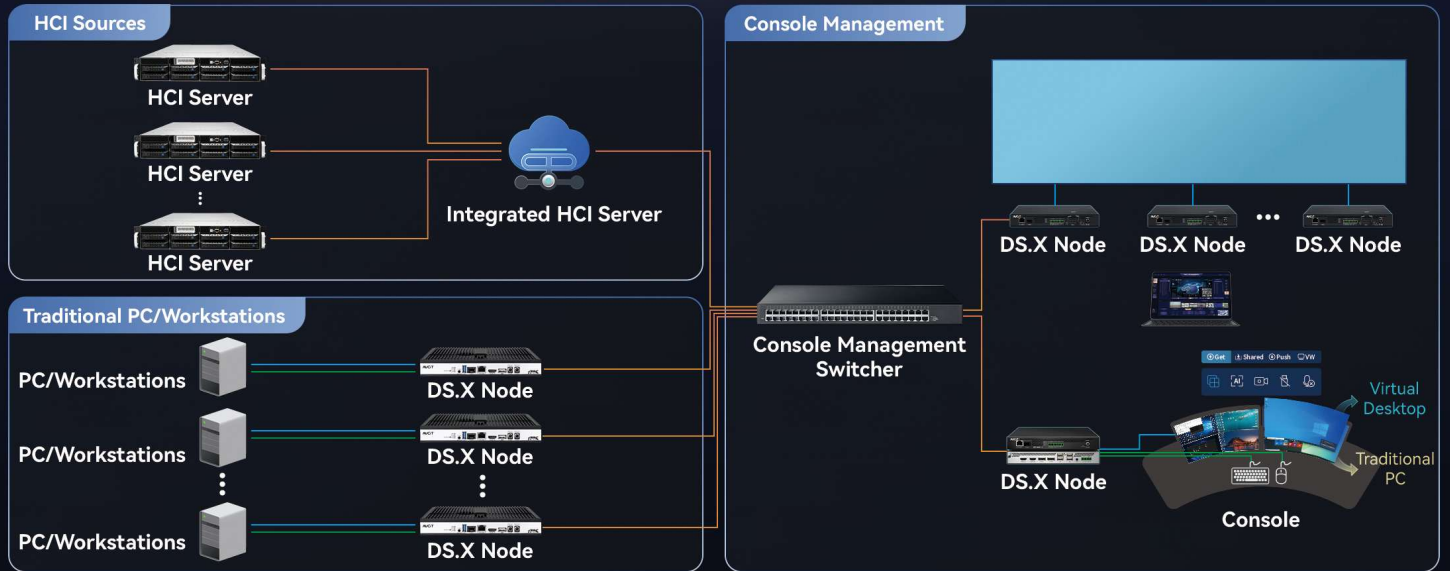


# HCI Virtualized DS.X



This unified solution combined with HCI (Hyper-Converged Infrastructure) and KVM/AV over IP provides an integrated platform that supports RDP/VNC.

Achieving collaboration of “Cloud-Network-End”, the virtualized solution enhances powerful console management without sacrificing computing and storage.



## Features

### Simple and Stable Architecture

- Minimize middle parts in traditional cloud desktop + distributed solutions.
- Streamline RDP transmission to a more concise architecture and more efficient operations and maintenance.

### Unified Resource Scheduling

- Build a converged resource pool integrating virtualization and physical devices
- Schedule flexibly among virtualized resources and traditional devices

### Centralized Multi-System Monitoring

- Unify monitoring by leveraging console management including single-screen multi-window views and cross-screen roaming
- Centralize multi-system control in one single platform

### Screen-Console Interaction

- Enable easy VV control for any physical/virtual machine within the resource pool
- Support flexible scheduling of multiple display modes

### Compute Virtualization

- Decouple software and hardware through hyper-convergence
- Improve CPU & memory utilization significantly by compute virtualization

### Storage Virtualization

- Ensure data security via multi-replications in storage virtualization
- Expand storage without replacement while offering excellent performance and stability.

### Network Virtualization

- Guarantee a non-stop operation via liable and feasible virtualized network
- Protect data integrity with built-in security functions

### Unified Management Platform

- Monitor, configure, and manage compute, storage, and network resources through a single interface.
- Simplify operation process and reduce costs

## Applications



### Industry/Manufacturing

- Multi-system operations with centralized multi-screen monitoring
- Prevention of unauthorized copying and business materials disclosure;
- 7x24 stable operation;
- Supports remote maintenance and rapid fault recovery.



### Command Center

- Multi-screen monitoring and multi-workstation/screen-console collaboration;
- Prevention of unauthorized copying and business materials disclosure;
- 7x24 stable operation;
- Supports remote maintenance and rapid fault recovery.



### Call Center

- Rotation-based shifts, resource sharing with data security controls;
- Data protection via USB and other external transfer;
- 7x24 smooth access to required business systems;
- Unified device management and monitoring with rapid fault recovery.



### Office workstation

- Multi-system control, multi-workstation collaboration;
- External transfer and USB file copy control with post-event traceability;
- Automatic backup of office data;
- Remote access via laptops, smart devices, etc



### Software Development

- Standardized and rapid deployment;
- Automatic backup of code and project documentation;
- Control over sensitive document transfers;
- Internet behavior management for development and testing personnel



### HQ-Stores/Branch Offices

- Multi-signal distribution, interconnection, and sharing;
- Office operations support;
- Centralized data storage and management;
- Fast scalability and flexible expansion.