

BTS SYBELLE SDDC PLATFORM

BTS SYBELLE

SDDC PRODUCT FAMILY

BTS SYBELLE
VIRTUALIZATION PLATFORM

BTS SYBELLE
CONTAINER PLATFORM

BTS SYBELLE
HYPER-INTEGRATED PLATFORM

BTS SYBELLE
REMOTE DESKTOP (VDI)

**STEP INTO A SUSTAINABLE SOFTWARE-BASED FUTURE WITH BTS SYBELLE HYPER-INTEGRATED PLATFORM,
A PRODUCT OF BTS LABS, OUR TECHNOLOGY BASE,
TURKEY'S FIRST R&D CENTER IN THE FIELD OF SDX AND AUTONOMY.**

Your conventional hardware
can be reused
with the BTS Sybelle
Hyperconverged Platform.

Virtualization, Software
Defined Storage,
virtual network and internal
virtual machine backup functions
are managed from a single
interface.

It provides an open platform
with hyper-converged
infrastructure with Software
Defined Storage features.

HYPER INTEGRATED INFRASTRUCTURE (HCI) VS CONVENTIONAL INFRASTRUCTURE

It provides a much more integrated and software-based infrastructure than standard virtualization infrastructures. Accordingly, it increases hardware independence.

TRADITIONAL SAN



STORAGE



COMPUTE



NETWORK



VIRTUALIZATION



APPLICATION

HYPER - CONVERGED

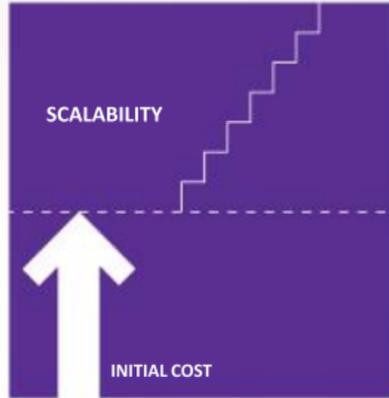


HYPER-CONVERGED INFRASTRUCTURE (HCI)

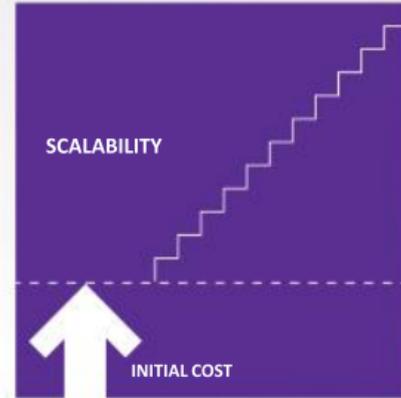
TRADITIONAL VIRTUALIZATION



HYPER CONVERGED INFRASTRUCTURE



SYBELLE SDDC PLATFORM



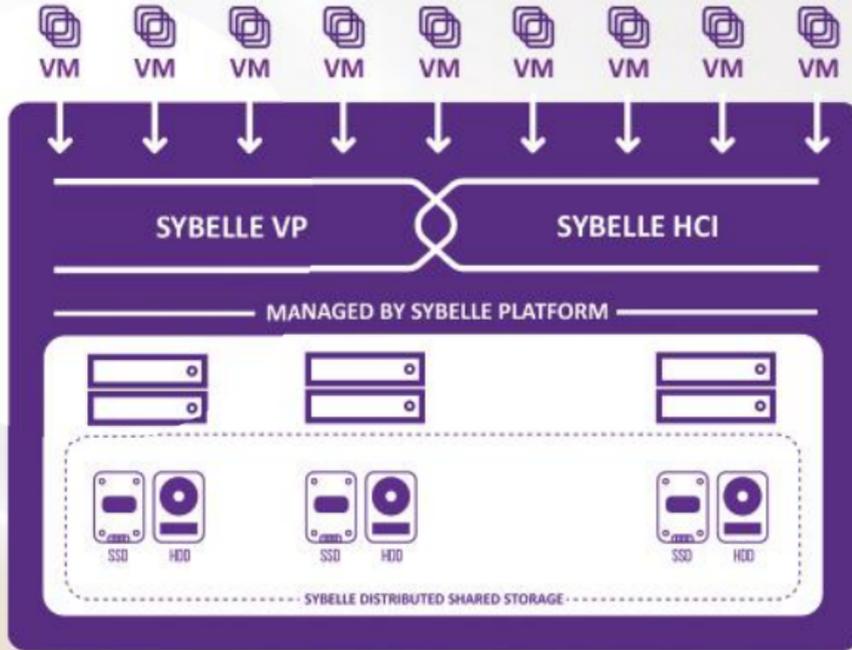
Initial costs are high with a standard virtualization infrastructure setup. In hyperconverged infrastructures, on the other hand, the initial cost can be kept low and scaled to meet new needs.

For Sybelle Hyperconverged Platform, conventional hardware can also be located in the infrastructure, resulting in a lower initial cost.

BTS SYBELLE SDDC PLATFORM

Sybelles Hyperconverged Platform comes with integrated Sybelle Virtualization Platform features.

All system virtualization needs from a single platform and interface can be met with Sybelle SDDC Platform.





HYPER INTEGRATED INFRASTRUCTURE

It reduces operational expenses and provides ease of use to system administrators with its KVM-based hypervisor capabilities and broad API support.



HARDWARE INDEPENDENCE

Brand with hardware in x86_64 architecture.



SOFTWARE BASED STORAGE

It provides high performance by managing all storage resources together with data sharing technology that provides distributed storage.



INTERNAL BACKUP

It provides virtual machine-based internal backup and restore by using the services and features of QEMU/KVM and Linux operating system.



DISTRIBUTED VIRTUAL NETWORK ARCHITECTURE

It provides virtual machine-based internal backup and restore by using the services and features of QEMU/KVM and Linux operating system.



SCALABILITY

Hyper-Converged infrastructures are tailored to usage needs and can be easily expanded if needs increase.

SYBELLE PLATFORM BASIC SUBSCRIPTION FEATURES

- VM Creation and Management
- Seamless Live VM Migration
- Seamless Live VM Storage Migration
- Thin Provisioned Virtual Disk
- Live VM Device Modification (Disk, Network, CPU, Memory add/remove/update)
- Network Segmentation with Distributed Virtual Switch
- VM Template Creation - Create VM from Existing Template
- VM Cloning
- Live/Offline VM Snapshots
- 802.1Q Network Segmentation
- Web Based Management Interface
- Distributed Management Plane (Management High Availability)
- High Availability - VM Failover
- Multiple Storage Support for VM Backups (SAN,iSCSI,Local)
- Shared Block Device Support
- Multiple Storage Type Support (SAN,iSCSI,Local)
- VM Based Automated Backups (Full Backup)
- VM Based Restore from backup
- Max 3 Host Cluster

SYBELLE PLATFORM STANDART SUBSCRIPTION FEATURES

- Distributed File System, Hyperconverged
- External Container Image Support
- Advanced Network Segmentation with Network Filters
- VM Based Incremental Backup
- Additional Storage Type Support (NFS, CIFS, Cluster Shared Datastore)
- Network Isolation with Overlay Network (VXLAN)
- Hyperconverged Support
- Resource Load Balancing
- Storage Load Balancing
- Replication Factor 2/3
- RAID-5 Erasure Coding
- Inline Deduplication/Compression
- Seamless Scale UP *
- Seamless Scale Out
- Embedded Monitoring **
- Max 64 Host Cluster

SYBELLE PLATFORM ADVANCED SUBSCRIPTION FEATURES

- MultiTenancy *
- Containers with Persistent Storage
- Dahili CNI
- Move Containers between Hosts
- Remote replication of Backups (S3, iSCSI,SAN etc.) **
- Internal Virtual Firewall *
- Internal Virtual Router *
- Internal L3 Load Balancer **
- CEPH, S3 Support **

BTS GROUP SERVICE PACKAGES (SLA)



1, 3 and 5 year service options

Unlimited access to technical documents

Technical support in Turkish language from competent expert staff

Two SLA package options that can be selected according to the need

24x7 service for critical and important (Severity Level 1-2) support requests

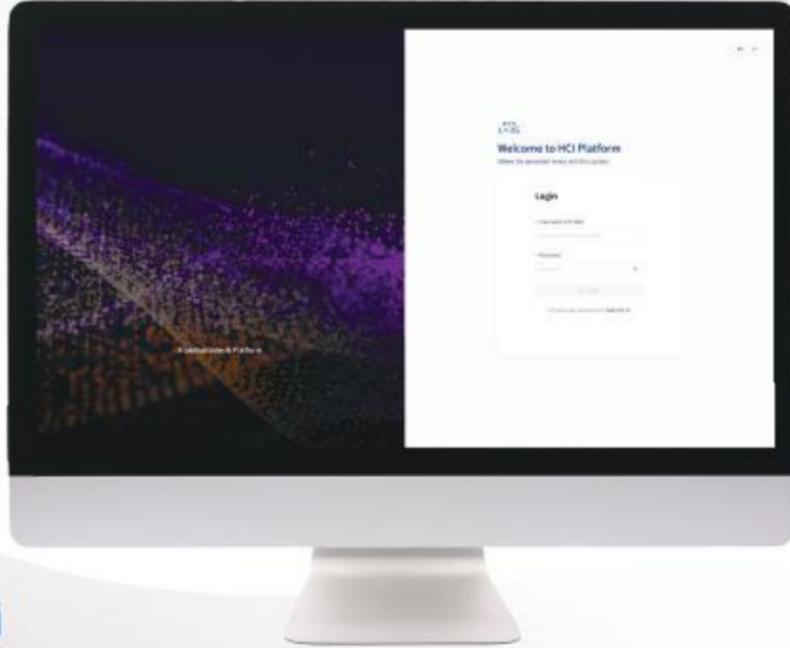
8x5 support in Silver package, 7x24 support in Gold package

TRANSITION TO BTS SYBELLE SDDC PLATFORM

Infrastructure transition with optimum design after determination of existing system inventory and infrastructure performance criteria

Conversion of virtual machines running on traditional virtualization to Sybelle HBP

BTS SYBELLE SDDC PLATFORM



THANK YOU