



Collaborate > Innovate > Accelerate



Virtualization

VIRTUALIZATION

Champion Technology Services, Inc. is your established Operational Technology (OT) Virtualization partner. By choosing Champion, you can have full confidence in a complete range of services – from assessment and design, through to system configuration, installation and commissioning – all tailored to your facility's unique needs. Following project close-out, many clients choose to implement our **24UP® Support Solutions**, knowing they will achieve both peace of mind and the highest levels of operational uptime.



Does virtualization make sense for your facility?

BACKUPS

Is backing up your machines time-consuming, management-intensive, or disruptive?



Virtualization allows backups to be automated from a central management interface. Restoration can be completed in minutes.

DISASTER RECOVERY

Is your plant's datacenter vulnerable in the event of fire, flood, or even power failures?



Disaster Recovery features allow the entire VM inventory to be replicated to a remote location – across your site or across the country.

HARDWARE FAILURE

Would a hardware failure like a down server cause your plant's operations to halt? Can you afford the downtime?



Technologies enabled by virtualization allow VMs to be rebooted on alternate running hosts, or have a replica running and ready to take over.

HARDWARE COUNT

Is the growing number of industrial software applications creating a sprawl of physical servers?



Because a single server can host potentially dozens of VMs, an entire room's worth of servers can be consolidated into a single rack.

NETWORKING (IN)FLEXIBILITY

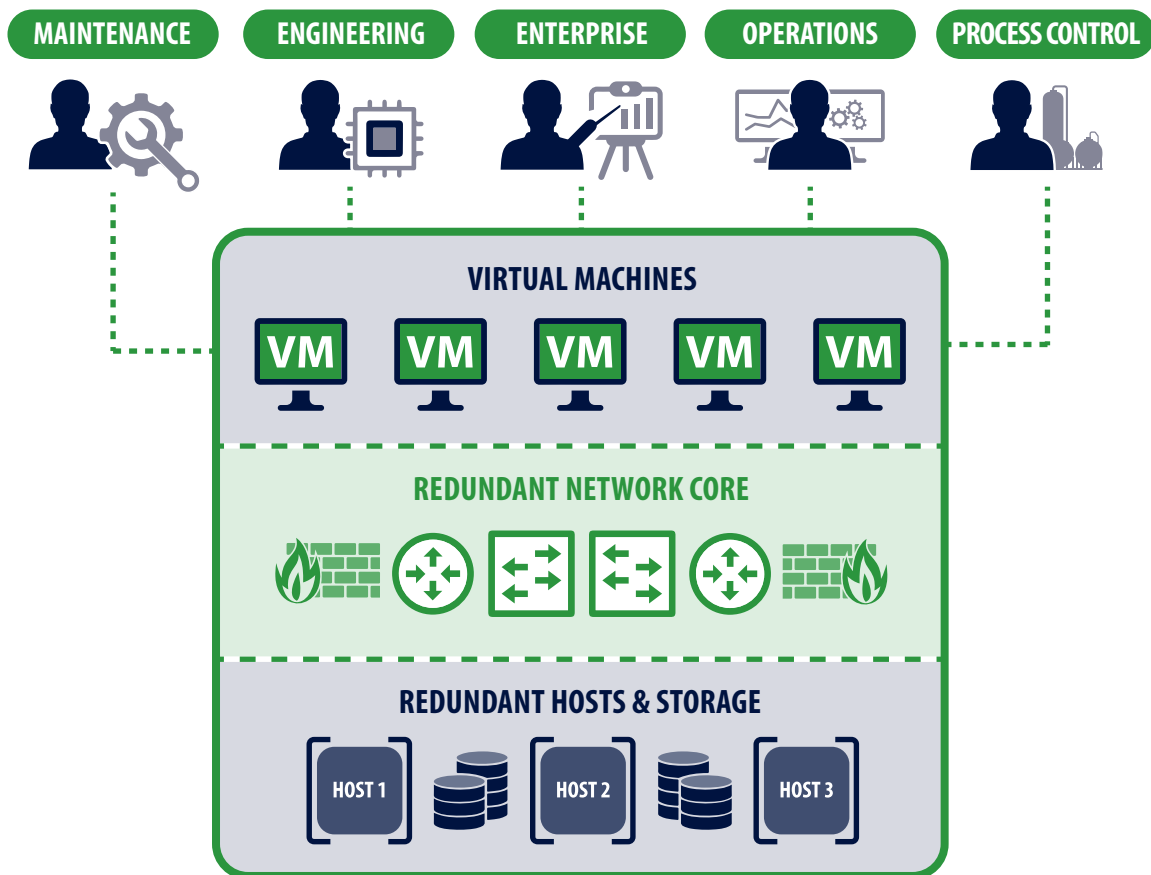
Is the abundance of disorganized network cables making it increasingly difficult to perform maintenance or updates?



When deploying new servers as VMs, the need for additional cabling is eliminated – all while increasing connectivity and access management.

Who benefits from Virtualization?

Virtualization, when deployed correctly, provides tangible benefits for everyone from the plant floor to HQ. Maintenance and engineering staff benefit from improved monitoring, faster deployment, and nearly painless backup and recovery. Operations staff benefit from improved uptime offered by system redundancies and faster recovery times. Even the sales and planning teams benefit from having a tighter integration of plant and enterprise data that can now be easily enabled through a properly designed infrastructure.



YOUR NEEDS – DELIVERED

Virtualization Solutions For:

- ✓ DCS, SCADA, & MES
- ✓ Control Rooms
- ✓ Asset Management
- ✓ Historians & Analytics
- ✓ Cybersecurity & Monitoring



Enabling and Improving:

- ✓ Operator Mobility
- ✓ Resource Planning
- ✓ Lifecycle Management
- ✓ Testing & Training
- ✓ Disaster Recovery

CHAMPION
TECHNOLOGY SERVICES

OPERATIONS & LOCATIONS

With numerous offices across the Gulf Coast and Rockies, **Champion Technology Services, Inc.** holds project experience in nearly all 50 states. Our strategic positioning allows us to meet the demands of our clients throughout the U.S., Gulf of Mexico, and Internationally.



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