



Technology Solutions, Inc.

Complete IT / VOICE

Proactively Managing your Success

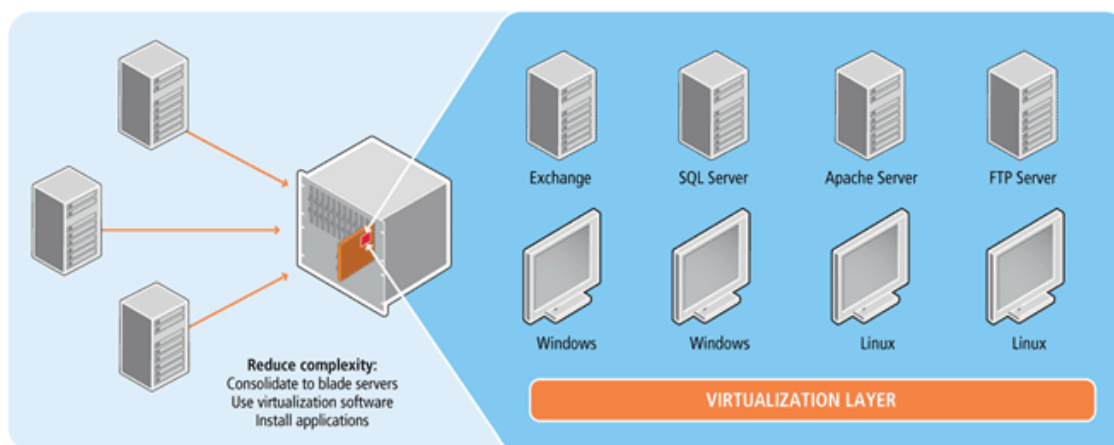


Benefits of Virtualization

Virtualization has many significant advantages, both for IT and for the business as a whole. These success factors are contributing to specific competitive advantage, cost reduction, and productivity benefits for many organizations.

CONSOLIDATE SERVERS AND APPLICATIONS

APPLICATIONS RUN ON VIRTUAL MACHINES



Consolidation and virtualization reduce the number of servers that require management and allow new applications to be deployed faster.

Business Continuity - Two of the strongest benefits of virtualization are business continuity and disaster recovery. Virtualization allows for easier software migration, which makes it extremely valuable as a Disaster Recovery (DR) or Business Continuity Planning (BCP) solution. DR systems can run on dissimilar hardware. In addition, virtualization reduces downtime required for physical system maintenance, whether planned or unplanned. This applies equally to servers and desktops, or mobile devices.

Business Agility - Virtualization allows enterprises to deploy new products and services faster, with less or none of the lead-time required by hardware constraints, to quickly utilize offsite, contract, and offshore labor, and to more easily expand into new markets.

Reduced Downtime - Virtual images are easier to restore after a failure - either an operational failure (such as a virus infection or other malware) or a hardware failure - reducing downtime. The portability of virtual images allows new and different hardware to be used for recovery, further reducing the downtime.

Server Consolidation - Server consolidation and improved server utilization is another major benefit from virtualization, and is one of the traditional drivers as well. Enterprises can combine the work load from multiple underutilized physical machines into a single physical system. This dramatically reduces overall hardware spending, as it requires far fewer physical systems for the same application workload.

Security

Virtualization can provide many security benefits such as:

- Centralized and secured computing environments.
- Allows a clean "golden image" to be restored over the top of a malware-infected system to instantly restore a clean, secure environment.
- Central control over application of the time, type, and level of application access provided to end users.
- Fast and secure restore of environments for shared systems, such as classroom desktops, public kiosk, or shared terminals.
- Secure, isolated testing and debugging for potentially harmful applications, malware, new applications, and new security scenarios.

Other benefits

Other benefits include better capability to achieve service levels, reduced administration costs, the ability to support legacy systems on new hardware without major upgrades, better business reaction to staff mobility and location issues, simpler deployment of complex applications, reduced hardware costs, reduced software costs, and reduced floor space costs.

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Celebrating 25 years in business...
providing exceptional service, building long term partnerships with our customers, and being a pioneer in communications technology.

MISSION STATEMENT

CTS provides exceptional value through managed services that assures a fixed cost for our business partners. Our highly trained and motivated professionals constantly strive to offer proactive services that maximize the profits, productivity, and competitive advantages of those partners.

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