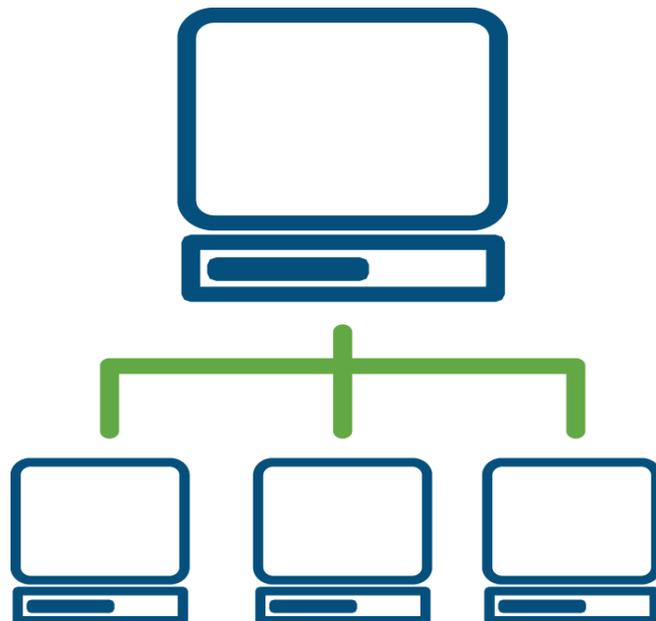# Increase IT efficiency with virtualization

Expertise: Optimized Virtualization

The growth of virtual environments

Virtualizing your servers, networks, storage and desktop configurations enables you to increase scalability, condense hardware needs, centralize your IT environment, improve business continuity, and become cloud enabled.

T2 Tech Group™ provides expertise on the assessment, design and implementation of virtual environments for healthcare organizations and a wide variety of other industries. We have in-depth experience with market-leading virtualization platforms, including VMware, Citrix and Windows. Rather than selling a specific solution, we approach each client engagement with an unbiased perspective that focuses on skillfully evaluating objectives and meeting your specific needs.

Moving toward an entirely software defined data center

Beyond server virtualization, companies are being faced with more and more options, such as virtualizing networking, storage and security. We provide comprehensive expertise and can help manage all phases and aspects of moving toward an entirely software-defined data center. Done correctly, moving toward a more virtual data center can deliver improved service levels, increased business agility, a simpler environment and reduced costs.

As more organizations are beginning to recognize the value of virtualizing IT components, the choices that companies are seeing have grown. Our complete IT knowledge, vendor agnosticism and proven negotiating experience allow us to assess your specific needs and find you the best option in terms of price, quality and time.

Key benefits

- Increase IT scalability
- Condense hardware needs
- Streamline servers, networks, storage and desktop configurations
- Improve application performance
- Connect and secure systems
- Improve disaster recovery

Transforming technology 2 work for your business

T2 TECH GROUP

Expertise: Optimized Virtualization

VDI and healthcare

Within the healthcare environment, meaningful use has required organizations to quickly embrace the implementation of computerized physician order entry (CPOE). Today, virtualizing desktop environments can enable quicker access to electronic health records (EHR), encourage new sources of revenue, plan for reducing reimbursements and help you plan for regulations such as HIPAA and HITECH.

Clinicians also enjoy the benefits of VDI with streamlined workflows due to drastically reduced desktop login and roaming times. The inherent flexibility of VDI allows clinicians to quickly move from station to station, resume their latest desktop session in a matter of seconds and continue to focus on patient care.

With all the right systems and environments in place, others technologies like single sign-on (SSO) can provide additional, significant savings. When coupling VDI with SSO, Kootenai Health, a recent client of T2 Tech, has gleaned over $1.7 million in savings per year through reduced wait times and increased productivity.

Client Stories

Children's Hospital Los Angeles: T2 Tech helped CHLA architect, design and manage the enterprise integrated services implementation for a $636 million, 460,000 sq. ft. patient facility being built. As part of the project, T2 Tech designed and implemented a 2,000-user VDI rollout, and an upgrade from XenDesktop 4.0 to 7.5. Our team also optimized applications for delivery via Citrix XenApp 6.5, re-architected IT infrastructure to support full redundancy and failover, installed a Cisco UCS server farm, and installed a high-speed disk subsystem.

Kootenai Health: T2 Tech helped Kootenai manage a VDI and SSO rollout. These technologies support thousands of hospital employees, save time for nurses and physicians, and decrease desktop support calls. The project involved a 2,000-user VDI design/implementation, implementing VMware View 5.3, optimizing applications for VMware ThinApp 5, re-architecting IT infrastructure to support full redundancy and failover, installing a Cisco UCS server farm and installing a high-speed disk subsystem.

QueensCare Health Centers: QueensCare Health Centers (QHC) was planning on expanding its facilities and needed a reliable partner to help them prepare their critical IT systems. After completing a 2-month IT assessment for QHC, T2 Tech used its agile-based project management methodologies to help implement new systems. As part of the project, T2 Tech worked with QHC to eliminate recurring outages through virtualizing servers, implementing a redundant network architecture and upgrading data center infrastructure.

About T2 Tech Group

T2 Tech Group is a premier provider of vendor agnostic technology consulting. With the ability to see projects from assessment to post implementation, we strengthen client organizations by leveraging an experienced team, balancing business and IT, providing unbiased solutions, practicing transparency and using a proven methodology.

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