Initiate Your Transformation

Value creation is an emphasis for today’s IT. Your data center must be efficient, flexible, and scalable to meet continually changing demands. Trace3 can help support your business objectives through our innovative approach to the design, implementation, and integration of customized and packaged IT systems.

To deliver the innovation your business requires, IT organizations must respond quickly to evolving business and technology requirements. Trace3 solutions provide the ideal path to your data center transformation, enabling you to accelerate IT, reduce sprawl, maximize process, and leverage new technologies.

Data Center Transformation is about combining technologies, services, processes, and automation to produce a responsive, agile, sustainable, and automated environment.
Our Trace3 Data Center Team consists of distinct technology practices working in a highly collaborative environment to deliver innovative IT solutions, thereby enabling your business objectives.

Our approach combines the right people, process, and technology, transforming your data center environment to drive efficiency, cut costs, reduce risk, and provide faster time to value.
Many businesses are extending their use of tools to continue the move from strictly physical components to virtualized servers, storage, and networks. A data center transformation to a virtualized environment promises increased agility, efficiency, automation, and scalability.

The migration to a virtualized environment does, however, present new challenges. Our dedicated virtualization team can assist you in resolving these challenges by providing guidance and recommendations regarding the necessary resource requirements to support your business objectives.

Leveraging our proven methodology to design and implement solutions, together we will enhance your data center through virtualization. We help smooth the transition and ensure you use your virtualization as effectively as possible for consistent management, improved efficiency, and greater performance.

Virtualize Your Business

A software-defined data center can be leveraged as a private, hybrid, or public cloud. In each case, infrastructure is fully abstracted from applications, allowing them to run on multiple hardware stacks, hypervisors, and clouds.

In a transformational data center (SDDC), policy-driven automation enables provisioning and ongoing management of logical compute, storage, and network services. The result is unprecedented IT agility and efficiency, with flexibility to support today’s and tomorrow’s hardware and applications.

Benefits include:
- Virtualization economics across your data center
- Applications at business speed
- Business-aware IT control
- Your data center on your terms
Connect Your Business

The introduction of virtualization has resulted in never before seen resource utilization and efficiency. However, as virtualization continues to increase, so does the complexity of your network. This added complexity can reduce the benefits of virtualization and impact your ability to keep up with business demands.

Transforming your network involves making important decisions regarding technologies, data flows, priorities, service levels, and multiple other items with potential major impacts. The Trace3 networking team is highly experienced in designing purpose-built, next generation data center solutions. We will optimize your network to derive maximum value and user benefit.

Trace3 can also help move your network infrastructure to the cloud, converging multiple physical infrastructures into one virtual network. This allows you to manage services, not physical devices, gaining further business agility, efficiency, cost savings, and security in the process.

As IT becomes ever more central to the success of most businesses, projects to transform the IT systems, and more specifically the data center, have become strategic. A crucial piece of the data center transformation puzzle, and one which is too often left until the end, is the network. As the central nervous system of the data center, its transformation must be an integral part of the entire data center transformation project.
Empower Your Business

Demands for storage capacity are rising by 30 percent per year. In response, businesses have implemented multitudes of servers and storage area network islands. The resulting environments are often comprised of incompatible storage platforms, non-standardized processes, and server utilization rates that remain around 20 percent.

Users demand data availability anytime, anywhere. Businesses must evolve to meet this demand or risk losing users to unsanctioned public resources. A business can realize the benefits of software-defined storage with an architecture that abstracts physical storage while also leveraging existing infrastructure and investments.

Our solution architects understand data storage must become more software-defined to address the expectations of your business and your increasing mobile user community. Trace3 can help by designing a dynamic data center, built upon a shared and secured storage infrastructure, thereby eliminating storage silos.

What is Software-Defined Storage?

Software-defined storage transforms existing heterogeneous physical storage into a simple, extensible, and open virtual storage platform that preserves the capabilities of underlying physical storage arrays. It abstracts physical storage, pools aggregated capacity, and automates and centralizes management across heterogeneous storage, including commodity storage, in a scale-out architecture. It includes storage services for provisioning, orchestration, change management, monitoring, reporting, and quality of service, as well as the ability to perform new operations on data in-place, via value-add data services.
Secure Your Business

Cyber-attacks continue to grow. You need to secure your environment while enabling your business. Whether your focus is your data center, remote offices, highly regulated processes, or risk management, Trace3 will help you gain full visibility and control over your network.

The tremendous growth of mobile devices in the workplace creates countless opportunities for business innovation. However, this evolution also introduces new risk. Your security configuration must mitigate this risk while also ensuring the user experience is uninterrupted and business processes are stable.

Trace3 can help design a next-generation data center with a flexible security platform refined to your unique business initiatives. From mobility and BYOD issues to securing your dynamic virtualized data center, we understand the challenges involved and will develop a solution that empowers your users and compliments your business objectives.

Protection and security go hand-in-hand in all aspects of business today. Blatant attacks against your business and social engineering threats to your user community present various risks to your business and reputation. Preparation and focus are key to defending your environment, intellectual property, and reputation.

Trace3 can help you with:
- Threat Prevention
- Mobile Security
- Wireless Infrastructure
- Network Segmentation
- Internet Gateway
- Virtual Desktop Infrastructure
- Server Virtualization and Cloud
Maintaining networks, servers, databases, and storage is critical to any organization’s success. Whether the infrastructure is in a single data center, distributed across many data centers, or in the cloud, Trace3 Managed Services can support it.

Our Managed Services Practice opens your business to field-tested professionals with hands-on operations experience. Rigorously tested and extensively experienced, our engineers are specifically selected to dedicate their skills to your operational requirements.

On the ground, Trace3 SmartHands offers an economical solution to manage your data center with inventory control, emergency dispatch, and troubleshooting services. With 100% reliable coverage and integration into your support systems, Trace3 eliminates the need for on-site corporate resources in your remote data center environment.

Utilizing dedicated personnel, advanced skillsets, and established procedures, Trace3 Managed Services offers the best technologies, ideal locations, and most advanced maintenance for your data center needs today and into the future.

Drive Your Business

The evolving demands placed on today’s IT personnel often spread key internal resources dangerously thin. In addition, the ever-changing nature of current technology necessitates targeted, specialized skill sets and continual certification upgrades.

Trace3’s diverse clientele, extensive test-casing, and key partnerships produce a roster of consultants certified in the most up-to-date technology. This provides our clients the specialized experience required to take advantage of the advances of today’s modern data center at a reduction in time and budget.
Your Technology Partner for Innovative Business Transformation

Trace3 enables business transformation through a continuum of IT experience, services, and solutions designed to help organizations thrive in today’s ever evolving marketplace.
Innovate your Data Center with the latest technology and Trace3’s expertise

Proven Track Record
Trace3 constructs complete and vetted data center solutions with leading technologies and inventive methodologies.

Successful Portfolio
Trace3 builds upon its portfolio of successful implementations to transform your environment in an efficient, cost-effective manner.

Innovation & Your Data Center
Trace3 provides breakthrough approaches to innovate your infrastructure, manage your data, and solve your business challenges.

Scalable Technologies
Trace3 assembles scalable technologies to support your business, no matter where you lie in the corporate spectrum.
Data center transformation is about combining technologies, services, processes, and automation to produce a responsive, agile, sustainable, and automated environment. Initiate your transformation with Trace3.

Trace3 has been named Cisco 2014 **Solution Innovation Partner of the Year** for the United States.

Transform your business with Trace3. Consult your Trace3 representative or visit www.trace3.com to learn more.