DYNTEK
DYNAMIC TECHNOLOGY SOLUTIONS

DATA CENTER TRANSFORMATION

Helping You Build, Deploy, and Manage a Streamlined, Cost-effective Data Center

Global data center IP traffic is expected to reach nearly 21 trillion gigabytes by 2021, more than double the amount of 9.1 trillion gigabytes trafficked in 2017.[1] Additionally, by 2021, over 95 percent of workloads will be in the cloud.[2] As the need for capacity grows, more demands are being made on organizations' data centers.

Unfortunately meeting those demands can be complicated by the conflicts that exist among the separate business units within nearly every IT organization. Teams in operations, quality assurance, architecture/engineering, security, development, and change management often struggle to communicate and collaborate effectively because some of their goals are diametrically opposed to each other. This conflict causes additional rework and delays when it comes to implementation of innovative features and functions coming out of the IT organization. To meet the growing demand and to resolve these conflicts, organizations are looking to transform their data centers.

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Data Center Transformation allows you to improve operational efficiency and agility by modernizing data infrastructure and automating the management and delivery of IT resources. Its main goal is to simplify and streamline all aspects of IT to re-think how infrastructure is managed, improve communication within the organization, and provide visibility and automation to increase speed while maintaining reliability.

DynTek's Data Center Transformation offering customizes the right solution to meet your business objectives and budget. DynTek has deep experience with data center transformation across enterprise, government, education, and healthcare organizations. We evaluate your data, processes, and physical IT infrastructure to develop a Data Center Transformation plan that stresses simplicity and operational optimization while meeting the needs of the entire organization – from the CFO to the employees involved with daily business activities.

The 3 Pillars of Data Center Transformation

An effective Data Center Transformation leverages the principles learned from DevOps and lean manufacturing to increase flexibility and eliminate constraints. These advanced concepts are incorporated into three key pillars:

Visibility

Visibility is a critical step to implement automation and attain the necessary speed to innovation. As your IT environment becomes more transparent, you are better able to access critical information about applications, infrastructure, change management, development, operations, and architecture.

Automation

Clear visibility enables you to automate 80 to 90 percent of your IT operation's basic tasks — provisioning, change control, and problem resolution. This simplifies integrating security, eliminates bottlenecks and streamlines accomplishing vital tasks.

Speed

Speed is the ultimate goal of Data Center Transformation: speed to information, speed to innovation, and speed to improved efficiency and productivity. Speed allows you to streamline your processes, provide superior customer service, and do more with fewer resources.

DynTek's Data Transformation Solution

- ✓ Begins with a clear understanding of your business objectives and needs
- ✓ Is developed with our customer-first and metrics driven approach
- ✓ Is executed by expert staff
- ✓ Is built on a security first architecture foundation

Our technology experts bring extensive knowledge and broad experience to help you develop and optimize the appropriate infrastructure for your specific business needs. Our Data Center Transformation offering focuses on four main areas.

The 4 Main Areas of Our Data Center Transformation Offering

◼ Public, Private, & Hybrid Cloud

Reinvent your present productivity solutions to meet the growing needs of your organization with the most appropriate solution - on premises, in a private or public cloud, or a hybrid combination of the three – to make your IT operation faster, more scalable and more reliable at a lower operating cost.

◼ Business Continuity & Disaster Recovery

Implement a business continuity and disaster recovery program that secures your network with advanced cloud technologies that ensure you have uninterrupted access to your systems.

◼ Storage & Virtualization

Implement data center virtualization and private cloud initiatives such as server and desktop virtualization, enterprise storage, and server and storage consolidation that lowers costs, increases performance and agility, and improves data protection.

◼ Data Center Modernization

Modernize your data center with cloud solutions that leverage the latest in virtualization, IaaS, and PaaS to make your infrastructure more nimble, accessible, and secure.

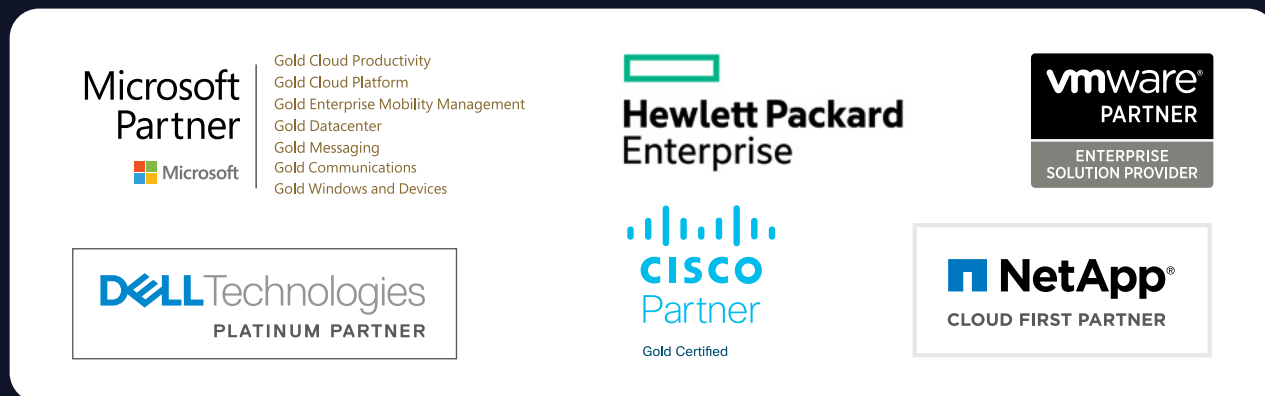# DynTek's Service Engagement Methodology

DynTek offers a broad range of service engagements to help envision, deploy, and support a reliable data center transformation solution aligned to your critical business requirements. We offer extensive strategic consulting, assessments, planning and architecture development, product vetting and recommendation, proof-of-concept, implementation, migration, optimization, and a comprehensive support program.

Our Data Center Transformation deployments include training, technical and operational support, and staff as needed. Every solution can be implemented in the way that best fits your organizational needs – on-premises, hybrid, or cloud-based.

Achieve Data Center Transformation

DynTek helps you achieve your data center transformation through top-tier partnerships with world-class providers.

Microsoft Partner
Gold Cloud Productivity
Gold Cloud Platform
Gold Enterprise Mobility Management
Gold Datacenter
Gold Messaging
Gold Communications
Gold Windows and Devices

Hewlett Packard Enterprise

vmware PARTNER — ENTERPRISE SOLUTION PROVIDER

DELL Technologies PLATINUM PARTNER

CISCO Partner Gold Certified

NetApp CLOUD FIRST PARTNER

About Dyntek

As a national systems integrator and risk management partner, DynTek Services Inc. delivers exceptional, cost-effective professional IT consulting services, end-to-end IT solutions, managed IT services, and IT product sales to a broad range of commercial and public organizations. We provide aligned technology solutions and strategic guidance to help you overcome your business challenges. By combining outstanding technical expertise with responsive customer service, DynTek provides you with the most effective technology solutions in the industry.

The DynTek Difference

- ✔ Knowledge gained from hundreds of transformation projects across many sectors
- ✔ Repeatable expert methodology that is metric driven
- ✔ Complex integration across practices
- ✔ Dedicated project management team
- ✔ Operations lifecycle dependability
- ✔ Delivery scale
- ✔ Strategic vendor alignment
- ✔ National footprint
- ✔ Single point of contact backed by an extensive support team

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For more information on how our Data Center Transformation solution can helping you build, deploy, and manage a streamlined, cost-effective data center, please contact us.