

# Professional Services Overview

Systems & Network Design, Build & Management

**Is your IT network serving your business? We can fix what's broken, make it work better, and save you money... FAST.**

## Why Optimize?

Imagine your organization's network as a freeway, and your goal is to get from point A to point B. While your "freeway" may make this possible, it may be wrought with pot holes and detours that do not provide a smooth ride or a direct path to your destination.

## Align with Your Business Goals

Not only can you optimize your freeway for overall efficiency and performance, but the optimization can be tailored to meet your unique business requirements; with higher importance placed on the applications (cars) that drive your business by creating the shortest, most efficient route to your goals.

## Why Do Business with CenterBeam?

### Expertise

It's one thing to correctly architect and build an optimal network, but it's another thing entirely to continually manage and monitor your network to ensure you retain peak performance from your investment. Even under the best circumstances, network issues can arise, bringing a once optimal network to a standstill. Moreover, in the event of a network issue or failure, you must be able to minimize impact on your business by quickly pinpointing and resolving the problem vs. taking a needle in a haystack approach to finding the problem.

Our experts have 100+ years combined experience. We will help your network maintain peak performance in the course of day-to-day operations and enable your business to get back online quickly in the event of an outage, minimizing disruption to your business.

### Customer Focus

We consult with you to determine the best server or network system which will help your business achieve its objectives. CenterBeam is a certified partner with a number of leading platform vendors, and our infrastructure consultants specialize in delivering best-in-breed platform solutions. You get the solution you need, built on the right technology, with a quick response time and excellent project management throughout the project.

Working with CenterBeam also offers the following benefits:

- **Empowered Project Management** – You'll have a project manager who is empowered to make the right decisions for your needs and environment. We provide reports on open issues, communication plans, project plans and risk management. Our proven methods and expertise allow us to understand your business goals and deliver projects that meet your objectives on time and on budget.
- **Superior Access / Improved Communication** – When your servers and network are optimized, data is more readily accessible and applications perform more efficiently.

## Let Us Help You:

- Save money
- Fix chronic issues
- Reduce network downtime
- Improve physical security
- Meet stringent regulations (SOX)
- Achieve Green objectives

- **Reduced Operational Costs** – A well-designed infrastructure solution will reduce system downtime, increase security and require less time and attention from your IT resources.
- **Vendor Neutral Recommendations** – Since CenterBeam is vendor neutral, our infrastructure consultants are free to focus on the best solution to meet your business goals, not on our agenda.
- **Documentation** – When you partner with CenterBeam, you receive full documentation upon completion including: design, drawings, procedures, configurations and asset information. With this information, you have all you need to continue to operate your environment successfully after the engagement concludes.

## Security

Security is at the core of everything CenterBeam does: we are inspected by an independent auditor twice a year to ensure the highest levels of security, stability and reliability for our clients. Retaining a SAS 70 Type-II certification is a priority as well as a key CenterBeam differentiator.

## Infrastructure Consulting Services

### Systems

Our systems consultants specialize in creating streamlined server-based solutions that optimize uptime and system performance based on a company's needs. Experienced at implementing solutions across multiple verticals, our systems consultants understand how server systems function and which technologies are best suited for specific operations and requirements.

#### Systems Consulting Disciplines

- Custom Microsoft® Windows Server Solutions including migration, consolidation, backup and recovery
- Virtual Server and Terminal Server Solutions
- Active Directory design and build

#### Systems Experience and Expertise

Our systems consultants have experience implementing streamlined server solutions in complex and demanding corporate environments, as well as across multiple industries including healthcare, finance, education and state and local government. They understand the long-term cost savings and performance benefits of updating or reconfiguring your core server infrastructure and schema.

## The First Step

CenterBeam's consultants' first step is to discover and clearly define your business requirements. This conversation is done without a network diagram and is an opportunity for us to understand your business vision and goals. This allows CenterBeam to design a network that will meet your needs now and well into the future – avoiding the potential of a costly re-architecture when your business grows.

CenterBeam will then assess your current network to see how, or if, it meets your requirements both now and in the future. Going back to the freeway analogy, our consultants will analyze how many cars are on your freeway, each car's operating speed, traffic patterns, as well as any traffic bottlenecks. With this insight, we'll map out a plan to align your freeway's structure, including on-ramps, exits, and speed limits, and place emphasis on those applications that are mission critical to your business.

### Network

Our network infrastructure experts provide unbiased consulting, design, implementation and optimization services to increase the performance, security, reliability and functionality of your network. Our experienced, certified network engineers excel in mapping your network to your business to ensure your unique business objectives, operational costs and ROI concerns are addressed at each stage of the development and implementation process.

#### Systems Consulting Disciplines

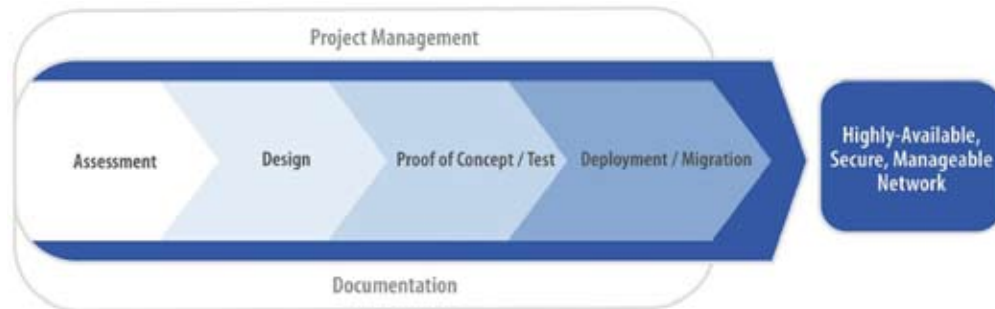
- LAN/MAN/WAN Solutions
- Network Convergence – VoIP, Video, Data
- Wireless Technology
- Network design, build and management

#### Systems Experience and Expertise

Our specialists' breadth of knowledge spans all types of networks, from very sophisticated, high-end systems to older legacy components. With a strong understanding of how different manufacturers' products work together, and the business needs of different organizations, the network infrastructure consulting team can develop solutions which incorporate various devices and meet stringent availability and security requirements.

## CenterBeam Consulting Methodology

CenterBeam's consultants apply their experience and technical knowledge to each step of your project using tested-and-proven processes. We place emphasis on two key factors required for a successful project: project management and documentation. Throughout each phase of your project, you can expect proactive management and meticulous documentation, delivering a high-performance environment that meets the most stringent regulations and requirements.



### Assessment

Our consultants act as strategic partners to evaluate your current systems and network architecture for the following:

- Support of current business requirements including number of users, locations and applications
- Scalability
- Security
- Manageability
- Cost effectiveness

### Design

Based on the recommendations of the assessment, CenterBeam's consulting team will design a scalable, custom IT infrastructure to accommodate your specific business and technical needs and budget. Our processes are fully documented, including product specifications, test and migration plans and cost estimates.

### Proof of Concept and Testing

Systems and network consultants build a proof of concept from the design and then develop a test lab either at CenterBeam's facility or on your premises. The proof of concept is a non-production proving ground for design validation.

### Deployment

The deployment process is a two-phased approach that includes:

1. **Pilot Phase** – This trial phase is an actual deployment of the newly designed and tested network to a subset of the entire environment. The pilot phase identifies potential issues that can occur in the live deployment making your launch quicker and smoother.
2. **Full Deployment** – Once the pilot phase has been completed, the full-scale deployment is executed based on a pre-determined execution plan limiting downtime.

### Contact Us

We invite you to call Justin Piotroski, National Sales Manager, Professional Services at **1 (858) 362-8276**. Let us know your requirements, and we'll tell you what we can do for you and why we're qualified. We understand it's important that you select the right cultural and skill set fit for your project, and we look forward to an opportunity to introduce our team, our project and career history, and provide a list of our industry certifications.

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