



# IPv6 Transition Services

*A successful IPv6 transition requires careful planning, the right resources, and most importantly, real know-how.*

At GTRI, we help our clients plan for the transition to IPv6 and then assist with integrating IPv6 into their network environments, systems and applications. GTRI's highly experienced IPv6 experts help clients design a technical migration strategy that is customized for their organization. We provide testing services in our sizable testing lab, training services and implementation guidance to make sure the integration of IPv6 follows best practices and will support an organization's communications needs for decades to come.

## WHY IPv6

With the exhaustion of IPv4 addresses, it is increasingly important to prepare to transition to the next generation Internet Protocol to allow your business to communicate to the broadest Internet population. An IPv6 transition can deliver substantial benefits to your enterprise, including:

- » More IP addresses for networked-systems and Internet services
- » The ability to communicate with IPv4 or IPv6 systems
- » The capacity to develop and support a much wider range of applications
- » Increased scalability and efficiency
- » Simplicity of addressing end-nodes, sensors, and machine-to-machine environments
- » Enhanced security
- » Improved support for mobility and mobile systems
- » Enhanced performance

## IPv6 Services from GTRI

### IPv6 inventory

- Analysis and evaluation of current systems
- Development of procurement guidelines that prefer IPv6-capable products

### IPv6 training

- Customized IPv6 hands-on classroom training for each IT team job role

### IPv6 transition planning

- Custom-tailored planning for your migration and determination of techniques
- IPv6 addressing plans including DNS, DHCPv6, IPAM solutions

### IPv6 application assessment

- Application source code review
- Review of IPv6-capable operating systems

### IPv6 deployment

- Application of IPv6 transition techniques
- Deployment of IPv6 configurations on core, perimeter, access, and internal networks

### IPv6 experimentation and testing

- Validation of products, systems and applications in our extensive IPv6 laboratory



# About Global Technology Resources, Inc.

## Relentless Commitment

GTRI is a Consulting Solutions Integrator with a broad range of information technology expertise serving enterprise, federal and state government, healthcare, educational, and other markets nationwide. Our core practice areas of expertise include Physical Infrastructure, Integrated Solutions, and Network Monitoring & Management.

### OUR MISSION

At GTRI, we help our clients surpass their strategic business initiatives by delivering best-in-class technical solutions. We listen carefully to each client's unique requirements, provide a consultative approach to develop the right solution to meet objectives, and deliver results based on a proven methodology.

### WHY CHOOSE GTRI

You are making significant investments to plan and adopt new technology solutions that **MUST** be aligned with your business strategy, and it only follows that your partners should drive real value into your organization through successful execution of critical initiatives such as productivity gains, cost reductions, customer satisfaction, and employee retention. At GTRI, we do not view your projects as information technology changes, but as business improvement outcomes.

### OUR APPROACH

Our operational excellence brings tangible, incremental value to our clients through personnel, processes, and systems, as a true "trusted advisor." We apply Strategic Delivery Framework, our proven consulting framework, to align client vision with our expertise to mitigate risk and strategically solve our clients' business objectives.

### OUR EMPLOYEES

We have a relentless commitment to business integrity and strong ethical practices, complete customer satisfaction, and employee recognition and growth. The well being of our employees is essential and we all hold true to our corporate core values.

### GTRI COMMUNITY SERVICE

GTRI and its employees support a variety of non-profit and other charitable organizations as part of our commitment to support our communities and raise social awareness within our business network.

For more information about GTRI's Relentless Commitment, please visit [www.gtri.com/rc](http://www.gtri.com/rc)



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## What we do

### Physical Infrastructure

Through efficient project execution, our experts create wireless and structured cabling solutions that become the reliable foundation on which critical business applications depend. Beyond creating simple connectivity between the network and end-user, our practice follows time-proven design and deployment processes with the goal of exceeding our clients' business and technical expectations. Committed to your success, our clients benefit from our close collaboration with other GTRI technical business units and our extensive depth of experience.

### Integrated Solutions

GTRI's Integrated Solutions consulting practice adds value beyond connectivity by combining our multi-disciplinary expertise to deliver business applications encompassing advanced network engineering, network security, collaborative solutions, and virtualization. The team leverages its business and specialized technical expertise and employs a collaborative, structured, repeatable approach to deliver best-of-breed technology solutions. Our industry expert consultants listen and work closely with our clients to deliver solutions that effectively address business objectives. By combining multiple practices under one business unit, our experts can collaborate across each layer and determine the best solution.

### Network Monitoring and Management

GTRI's Network Monitoring and Management teams offer enterprise systems management utilizing high-end products for end-to-end views of your IT infrastructure. These teams include Enterprise Service Management and GlobalSure™ Managed Services. Our integrated approach to resource allocation, monitoring and provisioning, and proactive problem prevention, coupled with remediation by certified engineers, mitigates risk and allows for true optimization of the infrastructure. Collaboration with our other professional services practices ensures that attention is given to the complete IT lifecycle, from architecture, to deployment, and finally to the management, health and welfare of your critical technology investments.

