Company Introduction

LTG Federal is an 8(a) Certified Woman Owned Small Disadvantaged Business providing IT consulting services to the federal government since 2011. Headquartered in Tysons Corner, VA, LTG provides expertise in the core areas of Cloud, Data Science, Network Engineering and Performance Engineering and Testing. LTG brings industry leading consultants in their areas of expertise to help customers realize the most value out of their enterprise environments.

Making IT Work For You

It is widely understood that the information systems industry continuously evolves. This dynamic has always been a difficult challenge for commercial and government IT managers. Often it seems, IT solutions are instantly out of date with the latest available technology and features before their implementation is complete. While this reality long been understood, with the advent of virtualization and cloud computing, big data, machine learning and the internet of things, it's daunting to understand how your organization can take advantage of these incredible technologies before the industry has moved onto the next big thing. Against this challenging backdrop of technological hyper-progress, IT managers must implement solutions that will maximize return on investment and demonstrate an effective stewardship of organizational capital investments. After all, the solutions should enhance the business, not burden it.

The most important lesson we've learned through our collective years of experience is that IT solutioning begins with fundamentally understanding the customer's business. That is the only way an IT solutions provider can propose solutions that serve the customer's best interests. Once we understand what you do, we study how you do it. We want to know what barriers keep you from success and what realities you face such as department or agency regulations, budgets and IT operations support contracts. By understanding the larger picture, we can begin the search for solutions that fit.   Our mission is to provide IT managers with the right solutions, *making IT work for you*.

Vehicles

- GSA IT Sch 70 - 47QSWA18D008G

- Army ITES-3S -W52P1J18DA083 (ACET)

Cloud

Migrating systems to the cloud, which promises to cut costs and improve your business' ability to manage its tech, is a hot topic for just about every commercial enterprise and government agency. However, getting into the cloud is not a simple process. You must decide which cloud solution best suits your needs, cuts operational costs and still allows you to manage your systems. Focusing on your business requirements, LTG will help manage your existing physical data center infrastructure and work with you to develop strategies to virtualize and/or move your existing services to the cloud and provide Cloud Optimization and Cloud Architecture support.

Data Science

Many businesses are on the path to understanding how Data Science can apply to their specific needs in predictive analysis for cyber threat detection, automating data breach detection tasks and identifying trends in social media indicative of potential terrorist threats. Data Science is a rapidly changing multi-disciplinary field but what can it do for you and are you ready for it? Machine Learning implies that there is data out there which can help your business enhance its mission. How do you get to that data and how can it work for you? LTG's focus is on your business requirements and finding the right solution for you. LTG provides support with Data Analytics, Predictive Analytics, Machine Learning and Artificial Intelligence.

Network Engineering

Sometimes forgotten these days is that with all the latest innovations in technology, systems depend on a well-designed and secure network. Network engineering services don't disappear just because your systems are housed in managed data centers or the cloud. You still must have the right network design to connect your stakeholders. Regardless of where your systems are – the cloud or federal/commercial data centers – your customers need to get to you and your business transactions need to rely upon an optimal and secure network. LTG will help you effectively build such a network by making sure we profile your network traffic and find the right solution for you in the cloud, data centers or hybrids of both. Our engineers have provided various levels of systems, network, and security engineering support for DHS (USCIS, OBIM and ICE) and have supported Security Assessments, Security Engineering, Network Architecture and Cloud Computing Security.

Performance Engineering and Testing

Performance Engineering has long been recognized as a vital practice – especially for rapidly changing and/or consistently expanding businesses. Unless you can characterize the behavior of your application, system and network, you cannot effectively implement strategies to help you adapt as necessary while maintaining your business operations and growth. LTG will help you monitor your environment, identify bottlenecks and potential areas for improvement and work with you on strategies on how to utilize performance engineering as part of a continual improvement process ensuring that your systems deliver performance you need. LTG provides support for Network Performance Management, Modeling and Simulation, Performance Testing and Application Performance Management using cutting edge tools to help reduce latency issues while optimizing your Networks and Applications.