



IT Consultation Services



Tech Stations Co.
P.O Box 2527 Riyadh 11461
Telefax: (+966) 11 49 666 49

www.techstations.org



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Consultation services Overview

Overview:

Tech Stations Consultancy Services came into existence with a view to provide Complete Enterprise Solution to its customers. We are providing our services to major Public & Private sector undertakings to help organizations in getting most out of their available resources and render quick and timely solutions.

Our Mission:

Is to draw the road map for the whole IT fields for our clients, with the full flexibility to do whatever customizations and choose what exactly you need to have a consultation on. Delivering the right inputs and options to take the right decisions for all directions.

Our Approach:

Our approach is to deliver our consultation services through Saudi high qualified engineers and technicians to ensure our national security, with high commitments honesty, reliability and professionalism. All of these motivations drives us to the success and satisfy in our services and projects.



Consultation services Overview

Network Consulting Services

Your Objectives, Your Plan

Network consultants get a bad rap, and often for good reason. They can be quick to talk but slow to listen, always ready to tell you what to do before considering your goals. That's why network consulting from Tech Stations is different.

Our network consulting services begin with you - your needs, your objectives, and your budget. Tech Stations experts take the time to understand your goals with a complete needs assessment. During our site visits, we work cooperatively with your onsite staff to ensure courtesy and communication. Then, we design a plan that reflects your objectives and works with your budget.

Complete and Comprehensive

The Tech Stations consulting process is complete and comprehensive. We'll inventory your current network technology and recommend the products that would work best for you. We'll provide you with a clear estimate that lays out a plan for your network's future and explains exactly how much it will cost. We'll analyze your budget to determine if it's on target, and we can even help you develop an RFP for your network installation project.

Efficient and Affordable

To top it all off, Tech Stations consulting is also cost-effective. Our network experts work quickly and efficiently to minimize site visits and keep costs down. Plus, their sharp-eyed observations identify potential issues before they become problems down the road - helping future projects stay on schedule and controlling project costs.

With Tech Stations network consulting services, you lay the foundation for your network installation project's success and gain a plan that is truly based on your business objectives.



Network Site Design

Leaving Nothing to Chance

Every successful network consulting or installation project begins with careful, thorough planning. Cutting even one corner can leave you over budget and out of time. So no matter if your network project requires single-site installation consulting or a major global rollout, Tech Stations checks and double-checks every aspect of your plan before we ever lay an inch of cable.

Our network consulting services begin with an in-depth site design assessment. Our consultants and engineers look over each site's infrastructure from top to bottom with exacting eyes. They'll identify potential obstacles and find creative, cost-effective ways to overcome them. They'll work closely with your onsite staff, building owners, and construction companies to ensure no detail is overlooked. Then they'll craft the best plan for your specific site, creating blueprints and design documentation using the latest technology.

Cracking the Codes

Building and design codes can be complex and confusing. But with Tech Stations, you never need to worry. Our experts know about all the rules and regulations that come into play - and we'll make sure your project meets every one of them.

We also use the most rigorous industry and manufacturer standards out there, so you can be assured of your network installation's quality.

Completely Tested

Our network consulting and site design services leave nothing to chance, including the testing of your network design. The centrally-located Tech Stations Technology Solution Center is a high-tech testing laboratory. There, we can set up a complete network system and test it over a long period of time - helping your business avoid unhappy customers, project delays, and lost revenue.

Ready for Action

When the plan is ready, it's time to get everything in place. Tech Stations has sophisticated, affordable procurement and staging capabilities. We can handle your materials procurement, inventory, warehousing, shipping and receiving, onsite management, on time delivery, and

returns. As an end-to-end solution, Tech Stations is truly equipped to handle your project every step of the way.

Our network consulting services are end-to-end, incorporating:

- Wide Area Network (WAN) provisioning and optimization
- Local Area Network (LAN) design and management.

Network Consulting Services are for you if:

- ✓ Organizational expansion requires redesign of network structure to accommodate satellite offices and remote workers
- ✓ Your network is not optimized for capacity and performance, with unanticipated demand potentially causing availability issues
- ✓ You're looking to implement or improve regular health checks to assess network performance
- ✓ Application response times are unsatisfactory and efficiency is suffering
- ✓ Performance bottlenecks are occurring across your network infrastructure, and the cause is not clear.

Data Center Consulting Services

Tech Stations Consulting Services are an enterprise-wide, consultative approach to help you manage mission critical environments. The services encompass the entire lifecycle, from assessment, strategy and design, to implementation and operational services. We have the expertise, proven methodologies and tools to help you manage your data center investments, improve operations and performance, and deliver business results.

Tech Stations Data Center Consulting Services include:

- **Data Center Planning & Pre-Design**

Are you an IT professional that has been asked to provide your management team with the size requirements, power requirements and cooling requirements of an upcoming computer room relocation? Are you overwhelmed by the array of choices when it comes to selecting the ideal support, IT & cable infrastructure for your project? Are you concerned your team is not equally represented when attending management, architect, engineering or construction meetings? If so, TECH STATIONS can provide you with a data center design professional that will doggedly represent your best interests.

- **Data Center Power & Cooling Systems Analysis**

Tech Stations load studies offer piece-of-mind when it comes to power equipment selection. As part of our data center consulting services, our expert technician can provide complete load profiling and reporting from simple spot-checking to week-long data logging. Our methodology combines the business and technology expertise needed to ensure customer satisfaction from concept through completion.

- **Data Center Feasibility Studies & Project Cost Budgeting**

Data center project feasibility cost budgeting is accomplished by applying Key Design Criteria to the two (2) main categories of the budget, the Technology Infrastructure & Services (IT) and the Support Infrastructure & Services (the Facility). Our consulting team can help you generate this data.

- **Data Center Availability & Risk Assessment**

A comprehensive data center inspection to assess the ability of the support infrastructure to provide continuous availability including a site inspection, an evaluation of the present load condition, a comparison to the capacity constraints, identification of critical deficiencies and potential downtime risks, an assessment of the concurrent maintenance capacity of the site and expert consulting regarding recommendations for improvements.

- **Data Center Site Selection**

Tech Stations consulting experts can provide an analysis of proposed data center site locations including creating conceptual drawings and establishing budgets for the development of the site. We also maintain a database of data center properties in Saudi Arabia.

- **Business Continuity & Disaster Recovery**

Business continuity is vital to business success. It can no longer remain the concern of the IT department alone. How do you determine the continuity and recovery requirements of your business? How do you identify and integrate critical business and IT priorities into a comprehensive continuity program? Where do you start?

- **Data Center Relocation Evaluation & Planning**

It is essential to have the IT equipment migration project team assembled and organized early in the design process. As construction drawings are completed and the construction begins, the team should be very hard at work with equipment planning and migration activities. Let our data center consulting team guide you through this phase.

- **Data Center Virtualization Strategies & Assessments**

Tec Stations leverages its proven consultative process to provide Data Center Virtualization Consulting Services which drive business agility by simplifying business infrastructure to create a more dynamic and flexible data center. The service includes four key components: needs analyses for use of virtualization within the enterprise; site surveys of current virtualization within the enterprise (if needed); assessments and analysis of virtualization for servers and storage area networks against numerous designs, manufacturer solutions, and key decision criteria; and, planning to provide technology roadmaps, budgets, and timelines for future design and implementation of virtualization strategies.

Unified Communications

Through UC Consultancy, you can now take advantage of the converged communications functionalities. Apart from the primary and more prevalent benefits of increase in overall productivity and strategic business benefits such as superior customer service at reduced overhead costs, we focus on improving your communication infrastructure and opening an array of new possibilities for your business that totally transform the way you do your business.

Being partners of some of the leading brands in the field unified communications and experienced in dealing with diverse business models, scales and industries, we have the right perspective to advise you on your business communication systems. Our expert consultants will visit you at your business, explore your current communication and technology needs, anticipate your future needs and offer you a very comprehensive solution that is best-suited for your business.

- **Strategic Plan:**

We can create a strategic plan for you that will be based on full understanding of your business model, strategies, goals and current communication systems and create a perfectly designed all-in-one solution for your business that is a roadmap to success.

- **Improved business opportunities:**

you will start seeing the numerous opportunities that will be generated through the right deployment of unified communications that include increased productivity, reduced costs and time-wastage, real-time connectivity, superior service to customers, 24/7 availability, faster and accurate information transfer and reporting.

- **Product and vendor selection:**

We suggest you diverse products and services from a range of our partners' products to design the right solution for your business.

- **Implementation:**

Our consultation will give you a clear overview of how we ensure a successful implementation of new systems, removal of uneconomical and unproductive systems/products, and integrating existing products/services with a simple all-inclusive unified system.



Consultation services Overview

- **Adaptability:**

If you do not have a unified system in place, you will see that implementing one often requires changes in the current business practices. Our consultants will help you understand how the system works so you have ample time to plan and manage change in your business to achieve the desired results.

Information Security Consultation: Network & Infrastructure Security:

Checking the passive parts is the first step in this assessment, checking the tunneling and trunking, are they secure protected or not and how? Diving in the switches and routers configurations, selecting and figuring out the weaknesses on them, develop the improvement and how to add more security by adding configurations only, trying to utilize the current equipments without costing a new budgeting, all of these services and more flexible services are there.

Penetration Test (Ethical Hacking):

Tech Stations penetration testing (ethical hacking) service tests the security of your IT systems, by identifying and exploiting weaknesses. We profile your organization from the perspective of its most likely threats, looking at your business processes, information flows and the technology that supports your operations. This allows us to determine the resilience of your environment to malicious attempts to penetrate your systems.

Tech Stations has a documented, and tried and tested, penetration testing methodology based on industry best practices such as the OSSTMM (Open Source Security Testing Methodology Manual). This ensures that you receive quality and repeatable results, and minimizes the risk to your systems under test

Our team uses an arsenal of penetration testing tools similar to those used by attackers on the internet - in conjunction with in-house developed, commercial, and the best of breed open source penetration tools. Indeed, keeping up to date with the latest security vulnerabilities, trends and hacking techniques is our business.

We produce a comprehensive report covering the approach taken, the techniques applied, and the vulnerabilities identified and make procedural and strategic recommendations to ensure that your systems are secure against future attack.

Our penetration testers can perform a range of assessments that simulate attack testing scenarios from individuals with varying degrees of knowledge and access to your systems.

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- External penetration test - casual or focused intruders on the Internet with limited knowledge
 - Internal penetration test - disgruntled or careless employees or contractors with legitimate access to the corporate network
 - Extranet penetration test - business partners who are part of the corporate Extranet
 - Remote access penetration test - casual or focused intruders from known and unknown remote access entry points

Virtualization Security:

In simple terms, virtualization software allows you to run multiple operating systems on a single machine at the same time. Virtualization technology is gaining popularity due to the benefits it offers in terms of reduced costs and increased operational efficiency and flexibility. However, this technology introduces a virtualization layer that itself becomes a potential avenue of attack for the virtual services being hosted. Because a single host system can house multiple virtual machines, the security of that host becomes critical in maintaining the confidentiality, integrity and availability of your systems and data.

In our experience this immature technology is often poorly understood, and rarely implemented correctly in enterprise environments without jeopardizing the organizations security posture. There are a number of security considerations which differ from the physical world, including but not limited to:

- network architecture
- zones of trust, network segmentation, and access control
- virtual switches and networking
- virtual appliances
- mobile servers
- patch application and management
- intrusion detection and prevention
- definition of roles and responsibilities
- storage

We can show you how to implement virtualization security effectively and realize the benefits.

Wireless Security:

Wireless networks, specifically 802.11, are gaining popularity as a result of their lower cost, ease of deployment, and flexibility when compared with conventional wired networks. However, this new technology brings with it a set of unique security risks which many organizations fail to consider.

Wireless networks use radio signals to carry network traffic, and are vulnerable to eavesdropping by anyone with a PC and wireless network card. If they are not properly protected, the emitted signals can be intercepted kilometers away.

Most wireless access points are designed with ease of use in mind, rather than security. Although security features are usually available, these are commonly disabled by default. Integrating wireless into your existing network requires expertise to ensure you are not exposing your organization to new security threats.

Even if your company's IT department hasn't chosen to deploy wireless technology, can you be sure none of your employees have? Wireless that has not been properly secured can render your existing wired security measures such as firewalls ineffective.

The only way to ensure that your organization is not exposed to wireless security threats is to perform routine audits covering all the major spectrums.

Application Security:

Tech Stations has extensive experience with assessing application security - both web (browser based), non-web (client/server, compiled binaries, command line, etc), including front-end and back-end systems.

History has proven that software defects, bugs and logic flaws are consistently the primary cause of commonly exploited application software vulnerabilities. These can lead to unauthorized access of your networks, systems, and applications information.

Application Services

Tech stations Consulting Services is the premier services provider focusing exclusively on the success of customers deploying applications and technology. Drawing on industry best practices and deep software expertise, Tech stations consultants help you assess your business needs, create your enterprise computing strategy, and deploy new technology to maximize the value of your investment.

Applications and Detailed Features

By collect functional / technical requirements from concerned personnel based on Best-Practices without any customization.

Develop & Evaluation Criteria

Define scoring / evaluation criteria for vendors' proposals and assist the client to form an Evaluation Committee. Approve the scoring / selection criteria then Develop the Request for Proposal (RFP) document. After that we validate the RFP document with client and assist the client to issue the RFP along with non-disclosure agreement to shortlisted vendors

Evaluate & Final Recommendation

Answer potential vendor's questions during proposals preparation process and evaluate vendors RFP responses and vendor references and select shortlist of vendors for participation in vendor demonstration

Prepare vendor demonstration scripts & scorecard document and Assist the client to organize the demonstration sessions

Attend vendor demos and Collect client scorecard responses to demos on vendor demo scorecard document, Select shortlist of preferred vendor(s) and develop the Recommendation report to select the Best-Fit vendor

IT business development

Department tasks division:

There is always missing in dividing the tasks between the IT departments, especially because there are differences for each environment. Tech Stations start the investigation for the business requirements, with taking care of number of employees and managers, also the qualifications as well. This service provides clear tasks for each department and employee, with fully description about all of them.

Training Paths:

All the qualified and nonqualified persons must have training to keep them updated and to improve the overall performance. Selecting the wrong courses is losing for your budget and time, and losing for the employee's knowledge. Also without an accurate training path for each employee they will have no targets to reach, and lot of duplicate qualifications. Tech Stations participate to define accurate training paths for each position, terms and condition to move to the second level of training, with selecting the best training center in each field.

IT Procedures and Processes:

One of the top issues that delayed the business functionality is having an unknown processes and procedures between the IT departments. Without defined processes and procedures you will never be able to track any issues or tickets, and there will be lot of missy. Tech Stations may help you to redefine the procedures and processes to reach the maximum.

The Top 10 Benefits of Using a Professional IT Consulting Company

To remain competitive, small and medium-sized businesses need to have IT systems that support their business goals. They have to do this cost-effectively and often with little in-house Information Technology (IT) experience. Maintaining a dedicated, full-time IT department is simply too expensive, time consuming and inefficient for smaller companies.

The answer to this predicament is to outsource the support and evolution of IT to a professional IT Services company. These firms offer on-demand talent, depth of experience, deep resources and huge economies of scale that allow their clients' businesses to have both peace of mind and affordable IT support.

1) GAIN TIME TO FOCUS ON CORE BUSINESS FUNCTIONS

People are generally happiest doing what they do best. And they get frustrated by distracting tasks that have nothing to do with their essential job functions. Doctors, Lawyers, Accountants, Architects, Engineers, Marketers, Executives, Office Managers and most everyone else are at their best when they focus on their core competencies. The time and effort spent on figuring out Information Technology has a very real opportunity cost. More often than not, researching solutions, implementing new technology and fixing technology problems are extremely inefficient for non IT professionals. Outsourcing IT frees internal staff to spend time focusing on revenue-generating opportunities and the business of the business.

2) TAP ECONOMIES OF SCALE AND PURCHASING POWER

Technology services providers achieve greater efficiencies and economies of scale because they have a single focus on IT. They consolidate purchasing power and have access to deep and broad knowledge bases. They can therefore deliver better, faster and cheaper technology solutions and services. Using developed best practices, these providers simply complete tasks far more efficiently; often to an order of magnitude greater than smaller businesses can do on their own. All this translates into real cost savings in terms of both time and money.

3) REDUCE COST AND CONTROL OPERATING EXPENSES

Predictable IT costs. Outsourcing IT goes well beyond the cost reduction of efficiency to provide very hard dollar savings. In almost all cases, small and medium-sized businesses will spend 25% to 50% less outsourcing IT over the cost of even a single full-time technology employee. Additional cost savings are realized since recruiting, training, vacation, sick days, turnover and

other management issues are all taken out of the equation. When utilizing a professional technology services provider, costs are budgeted, fixed and controlled.

4) ACCESS HIGHLY SPECIALIZED TALENT

The complicated nature and rapid change in fields such as legal, accounting and information technology are best left to the experts-if only due to the sheer amount of effort required to gain even baseline knowledge. Outsourcing IT allows businesses to draw upon expertise that would otherwise be too expensive to develop and maintain in-house. Many businesses cannot cost effectively achieve the human scale and flexibility necessary to properly support their technology environments. The truth is that no single individual can know all they need to know.

5) OBTAIN ON-DEMAND RESOURCES

Many businesses find themselves with the challenges of growth or the burden of scaling back. Both cases present a genuine human resources dilemma when relying on in-house IT resources, especially when these events are unplanned. These all-too-sudden requirements rarely come in neat 40-hour blocks. Firms may need to selectively add or reduce administrative functions, strategic expertise or a combination of both. They need the agility of resources just for projects and the capability to rapidly adjust day-to-day support levels to cover vacations or at peak periods. By utilizing a professional IT services provider, this flexibility comes with ease and without affecting the livelihood or morale of employees.

6) IMPROVE PRODUCTIVITY

Technology improves productivity by enabling communication, collaboration, and knowledge sharing that allows employees to innovate. These capabilities are delivered through a multitude of technologies including central file servers, databases, broadband connectivity, mobile platforms, email communications, and many others. However, the productivity and business benefits can only be realized when this complex technology is properly planned, implemented and maintained. The best practices and comprehensive experiences in planning, implementing and maintaining such systems allow IT services providers to successfully deliver these productivity improvements.

7) REDUCE DOWNTIME

Even a few minutes of systems downtime carries an enormous business cost. Maximizing uptime must be a high priority. Companies can no longer afford issues with internet

connectivity, email communications, corrupt data or systems failure-the cost of reacting to these events is just too high. IT services

8) REALIZE A COMPETITIVE EDGE

Take advantage of new technologies that go beyond leveling the playing field to providing a true competitive edge. IT services providers keep up with the latest information technologies through ongoing training and real world experience. They know how to implement the latest hardware, software, and network applications available. As importantly they know which technologies are not worth the investment. Their capability to make rapid moves help speed time to market, offering a competitive advantage and increasing the ability to react to competitive threats.

9) ATTRACT AND RETAIN EMPLOYEES

Employees want to work in an environment where their computers are up and running. Where down time is minimal and the software works like it is supposed to. Employees want to be competitive with their rivals and they want technology tools that really help them deliver. Employees expect to be up and running with current technology solutions that help them exceed, and not just meet expectations. Those entering the workforce today weigh a company's technology prowess. Utilizing a professional IT services provider allows businesses to meet these expectations and increases their ability to attract and retain top talent.

10) ACCESS TO OTHERWISE UNAVAILABLE VENDOR SUPPORT

Access to manufacturers is crucial in effectively supporting complex technology. Technology manufacturers traditionally provide little direct end-user support. When available, this support is basic and often unreliable. This is exceedingly frustrating for small businesses that call customer support, but rarely receive it. Through a relationship with a well-established IT services provider, businesses enjoy the benefits of priority access to Microsoft, Cisco and thousands of other technology vendors.

Conclusion:

Don't loss time in thinking if you need this consultation or not, contact us to discuss and discover if you need these consultation services, give us the chance to explain more for you.