

INFRASTRUCTURE SOLUTIONS



Digital Transformation Cyber Security

ITS security offering covers comprehensive cyber security solutions aligned with National Institute of Standards and Technology (NIST) frameworks.

A holistic, new approach is required that can adapt to unexpected changes, Saving the Business & investment.



ITS enables Customers to follow well-known CIA Triad model (confidentiality, integrity and availability) to implement information and cyber security covering the full Cycle:

- IDENTIFY
Vulnerability Assessment & Penetration Test
- PROTECT
NGFW and Endpoint Protection, Access Control, Email, DNS, and Web protection as well as Cloud protection, Data and application protection
- DETECT
Threats Detections, Network Traffic Analysis, UEBA, SIEM
- RESPOND
Incident Response
- RECOVER
Business Resiliency

Business has no time to go after every new threat, alert, patch and compromised devices accessing critical apps and is not accepting going down for minutes.

Business can't afford the Cost of Data Breach knowing that is evaluated as follows:

- \$3.86M
Global average cost of a data breach
- \$392
million Average total cost of a breach of >50M records
- \$150
Cost per record for compromised customer

Threat Management

Process used by cybersecurity professionals to prevent cyber-attacks, detect cyber threats and respond to security incidents.

Your organization needs to protect critical assets and manage the full threat lifecycle your team faces. An intelligent, integrated unified threat management approach can help you detect advanced threats, quickly respond with accuracy, and recover from disruptions. Too often, an uncoordinated collection of threat management tools built over time fails to deliver a comprehensive view that delivers secure operations.

Adversary Emulation

The most advanced cyber defense capabilities still need to be constantly tested and validated to ensure they work as expected. With the latest innovations to its architecture allow cybersecurity teams to better test their people, processes, and defensive technologies against advanced, multi-stage attack campaigns. And evaluating security control performance across distributed environments and accelerate the move from a reactive security program to a strategic.

Deception Technology

Deception technology is a cybersecurity defense practice that aims to deceive attackers by distributing a collection of traps and decoys across a system's infrastructure to imitate genuine assets.

Blanket your network with decoys to catch the serious bad attackers. You only get 100% confirmed alerts so you can focus on stuff that matters.

Perimeter Security

Perimeter security refers to the technologies, processes, and policies used to defend any network, network traffic, and network-accessible assets from cyberattack.

Perimeter security must protect at the many edges of the network and inside the network, with a layered approach. Vulnerabilities exist everywhere, from devices and data paths to applications and users.

Perimeter security also helps you protect proprietary information from attack. Ultimately it protects your reputation.

Identity Access

Identity has become one of the most consequential attack vectors to the modern enterprise. Last year, 81% of confirmed breaches to organizations' infrastructure, sensitive data or applications started with an identity takeover. enables your organization to accelerate business while mitigating identity risk and ensuring compliance. To address today's toughest security challenges of delivering access to a dynamic and modern workforce across complex environments, transforms secure access to be convenient, intelligent and pervasive across all access use cases.

Data Security Encryption

Data security refers to the process of protecting data from unauthorized access and data corruption throughout its lifecycle. Data security includes data encryption, hashing, tokenization, and key management practices that protect data across all applications and platforms. The data that your company creates, collects, stores, and exchanges is a valuable asset. Safeguarding it from corruption and unauthorized access by internal or external people protects your company from financial loss, reputation damage.

Cloud Security

With more businesses running vital business computing functions in the cloud today, cloud security is a must as attackers seek to exploit vulnerabilities and gain unauthorized access to sensitive data. cloud services will grow 17% in 2020, with software as a service (SaaS) remaining the largest market segment.

We Deliver native security controls for continuous edge-to-cloud protection for your data and applications.

Services

Penetration test: scaling planned attacks against a company's security infrastructure to hunt down security vulnerabilities that need to be patched up. Pen testing is part of a holistic web application security strategy.

Vulnerability assessment: provides deep insights on security deficiencies in an environment and helps. to evaluate a system's vulnerability to a specific threat and the evolving ones

Security Operation Service: centralized information security management responsible for monitoring, analyzing, and mitigating threats within the organization's IT environment as well as strengthening overall security posture on a regular basis.

Digital Transformation

Data Center Compute

ITS Server Solutions deliver state-of-the-art advancements and the flexibility to adapt to change. Strengthened by our strategic alliances and global partnerships, ITS delivers the right technical expertise to design, implement and support innovative and integrated server solutions for your business.

Hyper Converged Systems

Centralize IT infrastructure servers, storage and networks to a single box that houses integrated compute, storage, networking and virtualization resources same as the converged systems, and add another software layer above this which enables a true software defined approach as well as scale out capabilities that enables you to increase compute, storage as needed not limited to a specific form factor as Converged systems. Hyper converged infrastructure is a true SDDC and a step closer towards a true digital environment, lowers costs, consolidate systems and increase resource utilization with lower management overhead.

We provide a wide range of advanced **Storage Systems**, backup and archiving deduplication storages, purposely built-Backup appliances solutions also storages that cover SAN, NAS, end-to-end NVME storages and All flash storages each to match customer needs & workloads.

Our solutions include Consolidation, Storage information "Recoverability" services, Design and Architecture, Implementation, and Disaster Recovery.

Converged Systems centralize IT infrastructure servers, storage and networks to a single box that houses integrated compute, storage, networking and virtualization resources. Converged systems, which are the building blocks towards a digital environment and Cloud migration, lowers costs, consolidate systems and increase resource utilization.

Engineered Systems

Engineered Systems are integrated, full-stack solutions that are developed with Database and applications to run crucial customer workloads faster, at lower costs, and with greater security than multivendor, on-premises solutions. Scalable designs enable enterprises to consolidate existing IT infrastructure and quickly adjust to surges in demand, while management automation reduces administrative workloads and helps control costs.

Database Appliance can gives customer up to 498% ROI and shortens database deployment times by 67% compared to generic alternatives.

Engineered systems is easier to deploy and manage than generic, do-it-yourself solutions and costs 60% less to operate.

Software Defined-Network (SDN)

provides policy-driven automation through an integrated underlay and overlay, is hypervisor agnostic, and extends policy automation to any workload — including virtual machines, physical bare-metal servers, and containers. one intent, using any hypervisor, for any workload, in any location, and in any cloud.

Operational simplicity, with common policy, management, and operation models across application, network, and security resources.

Centralized network management and visibility with full automation and real-time network health monitoring.

Software Defined-WAN (SD-WAN)

Connects all company data centers, core and campus locations, WAN branches, colocation facilities, cloud infrastructure, and remote workers. simplifies IT operations with automated provisioning, unified policies, and streamlined management to help ensure rapid updates and resolutions, and provides advanced network functionality, reliability, and security.

Intent-Based Networking

provides policy-based automation from the edge to the cloud. Secure segmentation for users and things is enabled through a network fabric, drastically simplifying and scaling operations while providing complete visibility and delivering new services quickly.

By automating day-to-day tasks such as configuration, provisioning, and troubleshooting Access. reduces the time it takes to adapt the network, improves issue resolution, and reduces the impact of security breaches.

Intent-based networking deliver a network that has the intelligence and automation to meet an organization's business needs. Intent-based networking applies business intent to network configurations. The intent-based network continuously monitors and adjusts to ensure alignment to business intent. This is achieved through a closed-loop system that includes policy-based automation, network analytics, and machine learning.

Digital Employee Experience

Now a days the IT is always under pressure supporting end-users with their problems as well as maintain the organization environment to make it all work, having a tool that can discover all the real-time insight you need to resolve all kinds of disruptions before they happen is not a luxury anymore it is a necessity, this is why we at ITS offer solution that can assist the customer in knowing where the problems lies and assist them in resolving it as fast as possible with minimum IT effort.



Digital

WorkSpace Automation

ITS solutions enables you to rethink of flexible workspaces to accommodate different kinds of work, workers, and technology.

By integrating the technologies that employees use (from Core applications, business applications & instant messaging and enterprise tools & applications), the digital workplace breaks down communication barriers, positioning you to transform the employee experience by fostering efficiency, innovation.

Enable Customers to easily manage bandwidth challenges, OS upgrades and Applications Compatibility, costs associated to endpoint renovation as well as enables our customers to apply BYOD if needed.

ITS help to enable the organization to take control of their data especially the most critical one, by enforcing the organization security standards as well as consolidating the data in one place where it is most secure rather than scattered on end-users devices.



Intelligent Systems Management

ITS Intelligent Systems management is designed to support customers during their Digital Transformation Journey with covering the below areas that enables our customers to truly bend the data to the benefit of their business as well as provide an easy and simple management approach.

Having visibility on your environment is one of the most critical things for organizations now a days, we at ITS offer solution that will enable you to monitor your network from networking (SAN switches) to storage regardless whether its SAN, NAS or Object and also extended to include your backup software and hardware.

Solutions cover environment monitoring in a 360 approach starting from identifying what is the data residing in the customer environment, pin-point its location, making it searchable thus minimizing the risk of the data leakage as critical data will be easily identified and correctly placed under the correct security measures.

Last but not least this will also assist in the data protection as from the identification phase customers will know which data is important and must be protected at all times.

This is a continuous approach as new data will be identified and classified using the above method, enabling the customers to take control of their data and truly benefit their business from it.

Data Protection and Business Continuity Solutions

ITS provides Data Protection and Business Continuity Solutions.

This includes data loss prevention and email and file archiving, data backup, recovery and storage management, clustering, loadbearing and continuous availability to business-critical workloads, high availability solutions providing continuous availability to business-critical workloads and maximizing asset utilization across active-active datacenters as well as DR testing and FireDrills with an automated approach, in a step toward a true autonomous Business Continuity approach.



About ITS

International Turnkey Systems (ITS Group) provides advanced technology solutions for banks, government, and other private sector organizations across a wide array of industry, with demonstrated technology competencies and high-end skill capabilities that support client's critical business functions Headquartered in the State of Kuwait, with R&D facilities in Kuwait and Cairo and a presence throughout the Middle East, Africa, the Americas, the Caribbean and the Russian Commonwealth (CIS), ITS Global Business Solutions Development Center (GBS) in Cairo delivers Managed Services globally, bringing expertise to all stages of the software development process, and providing the support companies need to transition from legacy systems to new technologies. Our award-winning flagship solutions package, ETHIX, supports the digital transformation of financial institutions and is trusted by leading banks worldwide.

For more information please visit www.its.ws
or email info@its.ws



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