CYBERSECURITY

Cybersecurity

As the digital world expands, protecting our online assets becomes increasingly crucial. It is no longer enough to simply secure passwords; robust cybersecurity is needed to secure confidential information and vital systems.

With cyber threats evolving in sophistication, a proactive and comprehensive cybersecurity plan is required. Equipping your digital assets with an advanced and effective cybersecurity strategy instills confidence as you navigate the digital landscape.

ICS ARABIA Protecting the Digital Frontier: **Your Shield in Cyberspace.**

Our Services

VULNERABILITY ASSESSMENT & PEN TESTING

We provide assessment and penetration testing to detect any security gaps in an organization's networks and applications.

SECURITY INCIDENT RESPONSE & MANAGEMENT

Executing the framework to process, identify, manage, record, and analyze security threats, events, or incidents in real-time.

MANAGED SECURITY SERVICES (MSS)

Managed Security Services (MSS) encompass continuous 24/7 monitoring and run security systems to save resources.

SECURITY AWARENESS TRAINING & EDUCATION

Training services focused on changing human behavior to enhance security awareness and promoting safe internet practices.

Our Service Capabilities

- Risk Assessment
- Network Security
- Endpoint Security
- Identity & Access Management (IAM)
- Incident Detection & Response (IDR)
- Encryption
- Security Monitoring & Analytics

- Security Awareness
- Securty Policy & Governance
- Threat Intelligence
- Cloud Security
- Secure Software Development
- Physical Security
- Mobile Device Management (MDM)

Threat Intelligence Solutions

SOAR
Reduce IT team fatigue via automated responses to a variety of events.

SWIMLANE

FEEDS
Receive global threat feed data for attack preparedness.

CROWDSTRIKE **INTEL471**

BRAND PROTECTION
Protecting your domain from data leaks and social media accounts.

ZEROFOX

THREAT INTELLIGENCE PLATFORM
TIP manages all collected feeds from different sources to reduce threat risk.

ANOMALI

SIEM SOLUTION
Security information & Event management allows detection, analysis and proactive response to security threats.

splunk>

Data Security Solutions

DATA CLASSIFICATION
Categorizing data elements according to pre-defined criteria and importance.

Forcepoint **opentext**

EDR
Security solution that continuously monitors end-user devices to detect and respond to cyber threats like ransomware and malware.

CROWDSTRIKE **F::RTINET**

DATA MASKING
The process of hiding data by modifying its original letters and numbers.

Forcepoint

ENCRYPTION SOLUTION
Scrambling data so that only authorized parties can understand the information.

ENTRUST **opentext**

SECURE APPLICATION CODE
Review of source code to identify source code-level issues that may enable an attacker to compromise an application functionality.

SYNOPSYS

IDENTITY AND ACCESS
Help organizations verify the identities of the people and devices trying to log in and verify users that have access to the right resources.

opentext **ivanti**

UEM & MDM (Unified End User & Mobile Management)
Allow IT team to automate, control and deploy, secure policies on corporate resources and smart devices connecting to corporate networks.

ivanti **BlackBerry**

SERVICE AND ASSET MANAGEMENT
Ensuring that an organization's assets are accounted for, deployed, maintained, upgraded, and disposed off when the time comes.

ivanti

EMAIL SECURITY
Protecting email accounts and communications from unauthorized access, loss, or compromise.

F::RTINET **proofpoint.**

DLP
Solution that identifies and helps prevent unsafe or inappropriate sharing, transfer, or use of sensitive data.
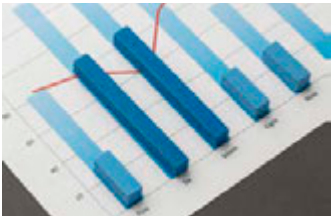
Forcepoint

Cybersecurity Solutions
Governance, Risk & Compliance (GRC)

GOVERNANCE ELEMENTS

We establish clear security policies and procedures, conduct regular risk assessments, and develop a precise incident response plan to safeguard your assets.

ODYSSEY cybersecurity

RISK MANAGEMENT

Doing the frame work process to identify, analyze, evaluate, and address your organization's cybersecurity threats to help protecting the entity and its systems.
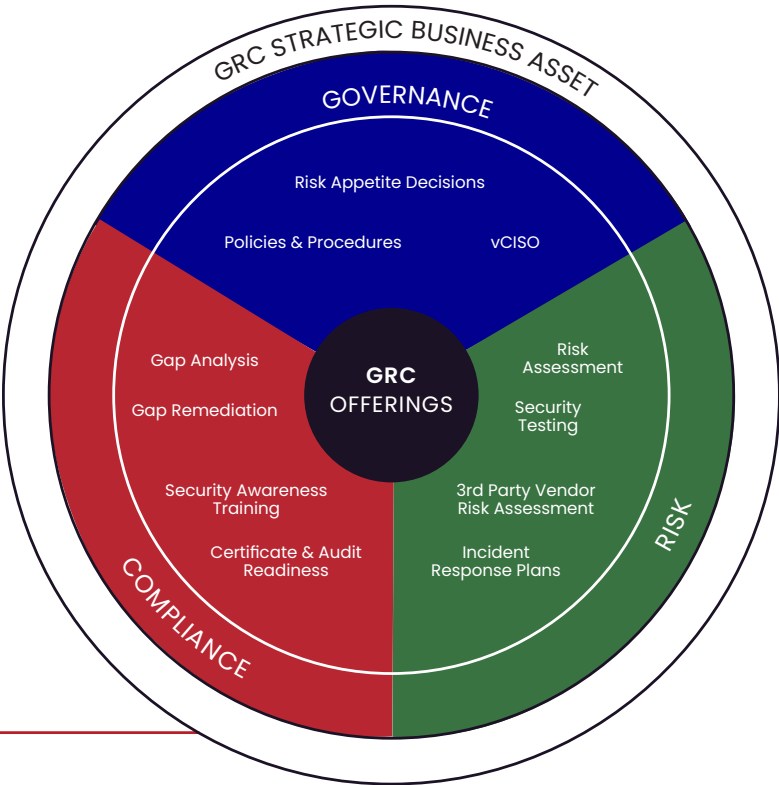
ODYSSEY cybersecurity

COMPLIANCE

Align laws and regulations with organization's processes, ensuring seamless compliance. Regular compliance audits are conducted to rigorously verify adherence to these requirements.

ODYSSEY cybersecurity

> ICS Arabia's GRC services enable your organization to reliably achieve objectives, address uncertainty and act towards enhancing corporate performance and accountability. Leading to the successful alignment of your organization's IT and business objectives.

GRC STRATEGIC BUSINESS ASSET

GOVERNANCE
- Risk Appetite Decisions
- Policies & Procedures
- vCISO

GRC OFFERINGS

RISK
- Risk Assessment
- Security Testing
- 3rd Party Vendor Risk Assessment
- Incident Response Plans

COMPLIANCE
- Gap Analysis
- Gap Remediation
- Security Awareness Training
- Certificate & Audit Readiness

Cybersecurity Consulting Services

ICS Arabia's GRC services help clients navigate the complex affairs of corporate governance, enterprise risk management and effective compliance. We offer specialized assistance in key areas like reporting, information technology, human capital, anti-fraud, dispute consulting and advisory services. Our holistic approach helps organizations identify, remediate, monitor, and manage risks and opportunities to optimize GRC effectiveness and reduce costs.

ENTERPRISE RISK MANAGEMENT

ICS Arabia excels in strategic risk management, creating and safeguarding value through a unified risk infrastructure. Our expertise lies in seamlessly integrating people, process, and technology to ensure organizational consistency and effective risk compliance management.

CORPORATE COMPLIANCE & REGULATORY

ICS Arabia provides a comprehensive suite of compliance services, covering program design, control testing, monitoring, assessment, and effectiveness evaluation. Our regulatory consulting offers tailored and targeted solution to specific compliance challenges.

Defense Cyber Focus

ASSESSMENT	PREVENTION
ASSESSMENT Cyber Assurance Management • Starts with Authorizing Official (AO) promoting understanding, & implementation of operational & technical risks. • Cybersecurity team evaluates/articulates risk through assessment of systems, enclaves, cloud services, & IT products. *BLACK TEAM*	**PREVENTION** Cyber Compliance & PKI • Cyber team manages multiple Enterprise-wide services which directly supports functional areas. • Carries out Cyber Mission with stakeholders within the CIO's domain to develop publications and oversee IT change management. *BLUE TEAM*
REPORTING & TRAINING Cyber Workforce Compliance • Implement, track, and report mandatory compliance with cyber workplace qualification requirements. • Cyber specialists are responsible for ensuring adherence to these standards in the cyber workforce. *GREEN TEAM*	**DEFENSE OPERATIONS** Cyber Defense Operations • Cybersecurity experts safeguard assets, operations, and data with a focus on confidentiality, integrity, and availability. • The team detects, analyzes and counterthreats effectively by Using incident response, forensics, penetration testing, threat hunting, and cyber operations. *RED TEAM*

ICS ARABIA العربية

Network Security Solutions

NDR

Detects suspicious network activity, offers timely response to anomalous or malicious traffic, and automatically responds to real-time attacks.

FORTINET | ExtraHop | DARKTRACE

XDR

Detects and responds to security threats by integrating security products and data into simplified solutions, providing alerts, enhanced visibility.

FORTINET | ExtraHop | DARKTRACE

FIREWALLS

Monitors incoming and outgoing network traffic and makes informed decisions to allow or block specific traffic based on predefined security rules.

FORTINET

WAF

Protects web applications by filtering and monitoring HTTP traffic between a web application and the Internet.

f5

VULNERABILITY MANAGEMENT

We perform assessments and penetration testing to identify network and application security gaps, ensuring authorized access to data.

Qualys. | Hive Pro

SANDBOXING

Sandboxing prevents threats from entering the network and is frequently used to inspect untested or untrusted code.

FORTINET | Checkpoint

LOAD BALANCER

Manages internet traffic across various applications and files, enhancing user experiences to ensure seamless routing, resulting in improved performance.

f5

PROXY

Provides high security for organizational networks and endpoints by filtering traffic based on safety levels and network capacity.

FORTINET

FIREWALL MANAGEMENT

Offering firewall management solutions for diverse types, monitoring traffic, and preventing virus attacks and spyware, all through a unified interface.
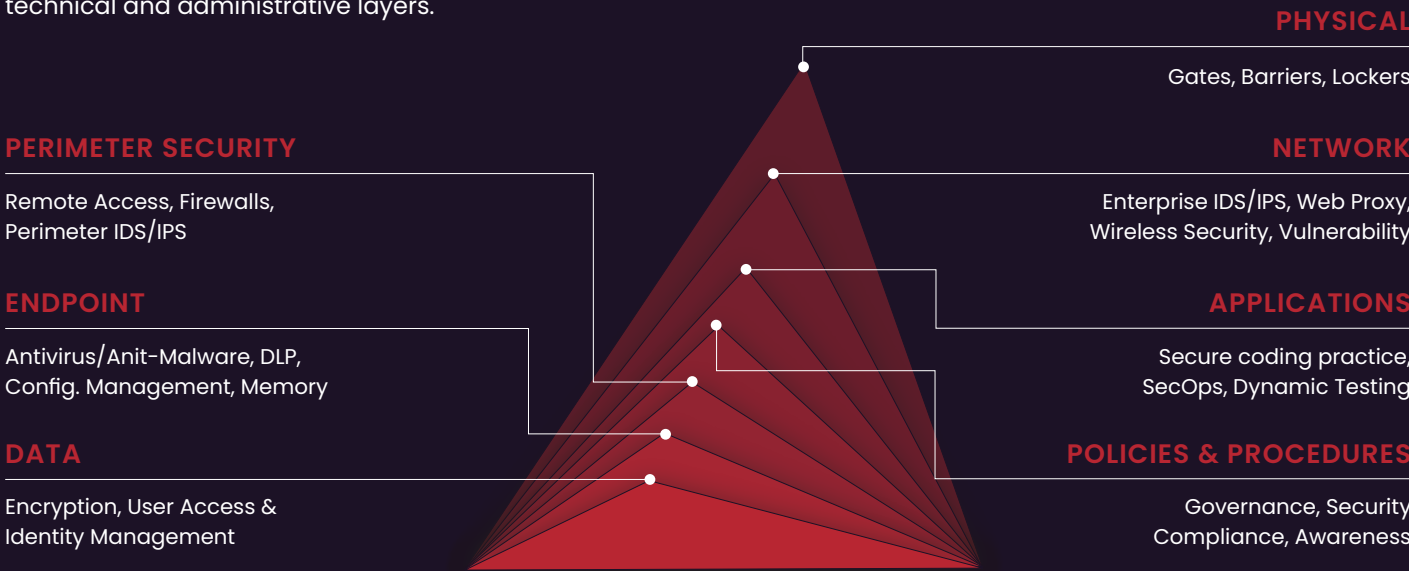
algosec

VPN

Enhancing cybersecurity by securing remote data access, fortifying protection beyond local networks.

FORTINET | ivanti

Defense in Depth

Protecting your valuable data and information at physical, technical and administrative layers.

PERIMETER SECURITY

Remote Access, Firewalls, Perimeter IDS/IPS

ENDPOINT

Antivirus/Anit-Malware, DLP, Config. Management, Memory

DATA

Encryption, User Access & Identity Management

PHYSICAL

Gates, Barriers, Lockers

NETWORK

Enterprise IDS/IPS, Web Proxy, Wireless Security, Vulnerability

APPLICATIONS

Secure coding practice, SecOps, Dynamic Testing

POLICIES & PROCEDURES

Governance, Security Compliance, Awareness

Security Operation Centers (SOC):

SOCs are mission-critical facilities where analysts continuously work 24/7, monitoring organizations' entire IT infrastructure to detect cybersecurity events in real time. Also, quickly and efficiently respond to them.

In addition, SOCs proactively identify and mitigate threats, ensuring the integrity of sensitive data.

Engineering & Technology Solutions

DESIGN AND ENGINEERING

We analyze customer needs and optimize operational space, workflow and integration of video walls placement and operators' seating.

AV TECHNOLOGY

State-of-the-art display wall technology, video wall processors, source routing and control as well as audio & video conferencing integration for 24/7 operations.

FURNITURE AND FIT-OUT

We offer custom furniture solutions that combine space saving, comfort, aesthetics and durability requirements for monitoring, meeting and surveillance rooms.

ICT/IT ENGINEERING

Our engineers provide reliable and cost-effective solutions for undisrupted networking and communications.

INTELLIGENT AUTOMATION

We help to reduce mission critical facility operational cost and improve safety through automated power/cooling controls, fire prevention systems and integrated security technology.

PROJECT MANAGEMENT

Our project managers have the knowledge and skills to execute projects of any size, on schedule and within budget ensuring the highest quality.

SOC Projects:

NIC Security Operations Center (SOC)

ICS Arabia was contracted for turnkey design-build delivery of a NIC's new Security Operations Center (SOC) in 2016. NIC SOC is the main line of defense for all cyber threats to the Kingdom's most sensitive data hosting and network infrastructure within the NIC. The SOC is where 24/7, continuous monitoring of threats detection and their real-time response is undertaken.

Project Details

Location: Riyadh   **Client:** National Information Center   **Status:** Delivered

Scope of Work
- MEP, FLS and ICT Systems
- Energy Management/Smart Metering
- Angled Video Wall Display
- Interactive Touch Screen Displays
- IT Engineering and Cybersecurity

NTC: Intelligence Operations Center (IOC)

NTC Operations Center is a 24/7 highest security information gathering and coordination center with Call Center. It has 12 video walls and custom-built call center furnishing. ICS Arabia delivered turnkey solution from design to IT systems integration and configuration.

Project Details

Location: Riyadh   **Client:** Ministry of Interior (MoI) General Intelligence Directorate (GID)   **Status:** Delivered

Technical Info
- MEP Engineering
- AV and ICT Systems
- FLS Systems Engineering
- Cybersecurity & IT Integration
- Construction of Greenfield Facility
- Data Center Design-Build

Meet Expert Team:

Sajid Khan   Hussein Mawzi   Noura Al Ali   Farah Zeid
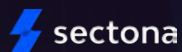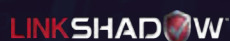
FEATURED PARTNERS

algosec   ANOMALI   CROWDSTRIKE   ENTRUST   ExtraHop

Forcepoint   FORTINET   Hive Pro   proofpoint   splunk>

Synopsys   ZEROFOX   sectona   CYBERX   ivanti

DARKTRACE   BlackBerry   ODYSSEY cybersecurity   CHECK POINT   ZINAD Protection is our profession

NUTANIX   LINKSHADOW   tenable   efficient iP   CISCO

Barracuda   opentext

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