TechDefcon ESRM Capabilities Overview
Advisory Services (Consulting & Compliance)

**Strategic Consulting Services**
- Digital Transformation Security Consulting
- IIoT SCADA Systems Consulting
- Offensive Simulation Consulting
- Hacking *as a Service* (HaaS)
- Brand / Executive Protection Consulting
- Enterprise Security & Information Protection Maturity Assessment (Security Assurance)
- Security Governance, Policies, Procedures
- ESRM awareness and change management
- Enterprise Security Architecture Review
- Data Classification/Protection/Privacy Governance/Leakage
- Advanced Data analytics SOC consulting
- Identity Governance & admin consulting
- Cryptography Consulting
- Perimeter Security (Network devices) consulting

**Operational Consulting Services**
- Information Security Officer
- Threat Scorecard Rating
- Security perimeter definition
- Inventory and classification of information assets
- Security risk assessment
- Business continuity and Disaster recovery

**Audit & Assessment Services**
- Cloud Compliance Assessment
- Mainframe Security Assessments
- System Penetration testing
- CLOUD-BASED Application security testing
- Data Discovery Assessment / Data Security Compliance consulting
- Forensics
- Security audits (org, configuration, architecture)
- Governance & Regulatory compliance
- Third Party Security Assessment
Threat Management Services

- SIEM as a service
- Cognitive Security Analytics
- Threat Hunting as a Service
- Malware analysis / Reverse engineering
- Threat Intelligence as a Service
- Advanced Data Analytics SOC (SOCaaS)
- Advanced OT/IoT Analytics SOC
- User-behavior Analytics (UEBA)
- Security Incident Response (SIRT)
- Financial Crime Analytics
- Fraud & Compliance
- Forensic Services
- Vulnerability Management as a service
- Threat Management as a service

1. Threat Intelligence
   - Incident Prevention
   - Threat Hunting
   - Vulnerability management

2. Security monitoring

3. Incidents Detection
   - Security update, files in quarantine, isolation of an IT
   - Incident Response & reporting (SIRT)
Advanced Data Analytics Threat Management Ref. Architecture

End to end portfolio offerings of Threat Management – Most of the services offered as MSS
Protection Services

**Perimeter Security Services**
- Reverse Proxy & Load Balancer
- OT Network Security
- Intrusion Detection/Prevention (IDS/IPS) as a Service
- Network Access Security
- Anti-malware & Anti Spam (email) as a Service
- DDoS Mitigation as a Service
- Web content & Gateway filtering
- Firewall Network Security as a Service

**Application Security Services**
- Secure code review
- WAPT for Applications hosted on Cloud
- Secure DevOps
- IoT/Device Application Security
- IIoT Vulnerability Assessments
- Application Security as a Service
- DevOps Security
- Mobile Application Security as a Service

**Data Security Services**
- Database Activity Monitoring as a Service
- Data Loss prevention (DLP) as a Service
- Data Tokenization & Masking
- Digital / Information Rights Management
- Data Encryption Services (Disk Encryption)
- Database Encryption as a Service
- PKI & Digital Certificate / Key Management
- Cryptography
- Cloud Access Security Brokers (CASB)
Identity and Access Management

- Enterprise ID Management
- Third Party access Management
- User & Privilege Access Management
- Identity Governance
- Multifactor & Risk-based authentication
- IAM Federation
- Behavioural Authentication
- Risk-based Adaptive Authentication
- Biometric Authentication
- Consumer Access Management
- Authentication as a Service (Multifactor & Risk based, Biometric, Behavioral as well as adaptive)
- Privileged account /Identity management (PIM/PAM)
- Identity as a Service (IDaaS)

Endpoint Security Services

- Endpoint Security as a Service
- Mobile Security - MDM security
- File Integrity Monitoring
- Endpoint Antivirus
ESRM’s Managed Security Services within each Portfolio

**Advanced Threat Management**
1. SIEM aaS
2. Threat intelligence aaS
3. Advanced Big Data Security Analytics aaS
4. Anti-phishing aaS
5. Vulnerability Management aaS
6. Security HQ portal
7. Deception aaS

**Perimeter, Network & Endpoint Security**
1. Intrusion Detection/Prevention aaS
2. Anti-malware as a Service
3. DDoS Mitigation as a Service
4. Firewall Network Security as a Service
5. Web content & Gateway filtering as a Service
6. Endpoint Security as a Service

**Data Security**
1. Data Loss prevention (DLP) aaS
2. Database Encryption aaS
3. Database Activity Monitoring aaS

**Identity & Access Management**
1. Identity as a Service (IDaaS)
2. Authentication aaS
3. RISK based authentication
4. (Biometric) aaS
5. Privileged Identity & Access Management

**Advanced Security Services**
1. Cisco Network Segmentation aaS
2. Mobile Detection & Response aaS
3. Endpoint Threat Detection & Response aaS

**Operational/Compliance Consulting**
1. GRC aaS
2. Financial transaction monitoring aaS
3. Data Discovery aaS

**Application Security**
1. Application Security aaS
2. Mobile Application Security aaS

**Strategic Consulting**
1. GDPR aaS
2. Hacking aaS
3. Brand/Executive Protection aaS
4. CISO aaS

**Cloud Security**
1. Cloud Access Security Brokers (CASB) aaS
2. O365 Security aaS
3. Secure Endpoint backup to cloud
Thank You

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