Cyber Security		Governance Risk Compliance (GRC), Audit	Physical Se
24x7 Security Operations Center (SOC) - Detection & Analysis SIEM, XDR, SOAR Open Source Intelligence (OSINT) - CTI Vendors - Internal Source - Indicators of Compromise (IoC)		Strategic Plaanning Strategic Priorities Security Policy	24x7 Physical S
Offensive Cyber Defense –	Tactics Techniques and Procedures (TTP) Advanced Persistent Threats (APT) Red Teaming/Purple Teaming/Pentest/ Ethical Hacking Honeypots Attack Vectors and Counter Measures	Stakeholder Heatmap RACI Escalation Matrix	Physical Media I
Vulnerability Management	- Vulnerability Assessment (CVE) - Risk based Prioritisation	SLA and KPI Management Risk Management Operational Risk	Physical Device
Identity and Access Manage	ement (IAM) Password Policy and Enforcement Quarterly Access Revalidation RCA/Problem Management Change Management Capacity Management Release Management	Hardening Standards Secure Software Development Framework (
EOS/EOL Management Security Design, Build, Transition, Retire Security Service Onboarding Secure Decommission & Disposal		Compliance Management – SSDF) Compliance Gap assessment and Remediation Compliance Reporting	Perimeter Secur
Application Security — AP DE We	evSecOps oplication Security Testing (Static, Dynamic, utomated, Manual) PI Security DoS Protection eb Application Firewall (WAF) oplication Whitelisting	Reporting and Communication Periodic Reports Ad hoc Reports & Meeting	Access Control
Network Security — Wirele	Physical & Virtual Firewall ers, Switches, Loadbalancer Security Wifi Intrusion Prevention System	Audit Management External, Regulatory, Compliance Audit Audit Gap and Remediation	Natural Disaster
Micro-Segmentation DMZ Architecture Backup & Restoration Cloud & Infrastructure Security Cloud Security Controls Cloud Access Security Broker (CASB) Next-Generation Secure Web Gateway (NG SWG)		Issue Management - Service Improvement Plan (SIP) Back to Green Plan	Manmade Disas
- Brow - Anti- End Point Security - Rem VPN	note Access, Virtual Private Network (I) Bring Your Own Device (BYOD) ice Management — Mobile Device Security	Resiliency, Business Continuity Plan (BCP) - Annual DR Drill Table Top Drill Vendor Management	IOT, OT Security
Cevice Encryption Security Log Management			

al Security	Third Party Security	Human Resource Security	People Process Technology	Financ		
sical Security Monitoring	Third Party Security Assessment (TPSA)	Screening & Onboarding	People Management — Attrition and Knowledge Management — Attrition and Knowledge Management Work Shift Management, Team Building, Team Motivation Agile Squad, Social Contract, Daily Standup	Budget Ma		
1edia Management						
Device Security						
		Security Awareness & Training	Process and Documentation – Standard Operating Procedures (SOP) Architecture and Technical documents Process Owner, Document Owner Periodic Review and Sign Off Artifacts/Documents Secure Storage & Management			
Security						
ontrol	Gap Analysis and Remediation			Cost Mana		
		Offboarding				
isaster			Asset & Inventory Management Hardware Assets Third Party Vendor Products			
e Disaster		Defense against Social Engineering				
			Automation and Continous Improvement	Manage P		
ecurity						







e Plan Vs Actual