

# Modular IT Security Services Offering

## Security In A Box

A new concept to Security Services Delivery....



# IT Security Services

## Our Mission

To enable organizations to objectively assess Technology & Business Information Risks and establish suitable Information Security Management System (**ISMS**) and Business Continuity Management System (**BCMS**) to Effectively Control and Mitigate Risks, Protect Investment and Ensure Compliance.

## Our Value Proposition

- Fit for Purpose IT Security Solutions (Network / Data / Cyber Security)
- Re-usable Methodology
- Intuitive Use Cases & Remediation for Threat Hunting / Vulnerability Management / SOC
- Business Conducive Policies & Procedures, GRC

## Our Methodology

- **Information Security through Controls and Processes – INSCAPE**
- **Continuity Management for Business and Technology - COMBAT**

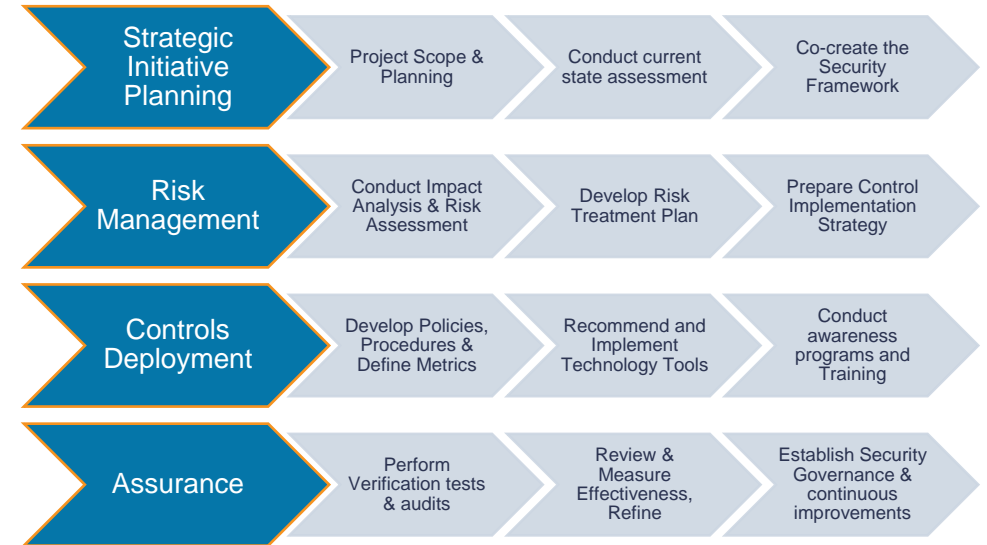
## Our Capability

- ISO 27001, PCI, SAMA CSF, GDPR, BS 7799 Auditors and Implementers
- CISA, CISM, CISSP / Six Sigma, PMI, ITIL / CCNA, CCSA, MCSE, OCP certifications

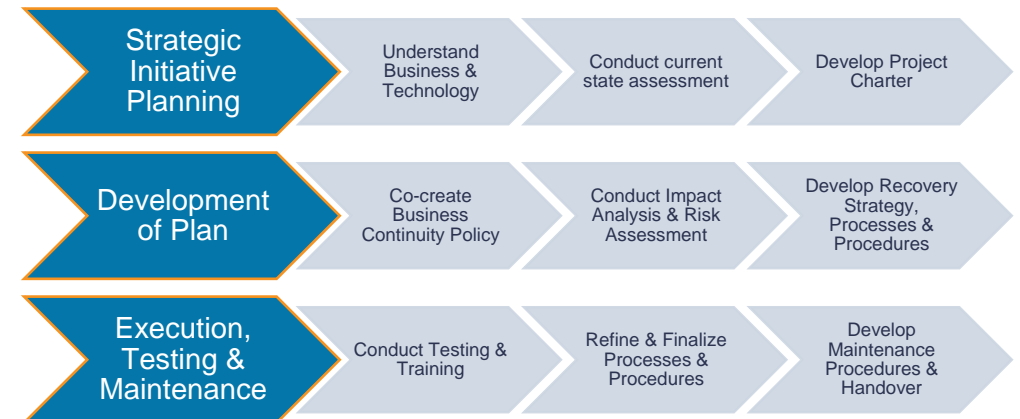
## Our Offerings

- Information Security Management System Consulting & Technology Support Services
- ISO 27001, PCI, SAMA CSF, GDPR, BS 7799 Implementation
- Business Continuity Management Consulting & Planning
- Information Security Risk Assessment & Audits

## INSCAPE



## COMBAT



# Information Security Services Portfolio



## Governance Risk & Compliance

- ISO / PCI / SAMA CSF / GDPR Consulting & Implementation
- IT Security Governance & Reporting
- IT Risk Management. Mitigation & Controls
- Compliance Management & Audit Readiness
- Third Party Risk Assessment
- User Training & Awareness
- Enterprise Security Architecture Design
- Business Continuity & Disaster Recovery planning
- Enhancing and continuous improvement of the Enterprise Security

- Datacentre Security
- Network Security
- Server Security



## IT Security

- Web & Email Security
- Database Security
- End Point Protection and Next Generation Antivirus
- Web Application Security
- Vulnerability Assessment
- Penetration & Application Security Testing
- Malware analysis
- Review & refine of firewall rules



## Data Protection

- Data Protection Framework
- Privacy Framework
- Data Classification & Data Flow Assessment
- Data Leakage Risk Assessment, Data Leakage Protection (DLP)

- Data Privacy Assessment
- DLP Incident Analytics
- Data Protection and Audit

- Software Composition Analysis
- Security Posture Assessment
- Open Source Compliance Audit
- Web Threat Detection
- APT Risk Mitigation Strategy
- Advanced Security Testing Services
- Incident Response



## Threat Management

- Threat Intelligence & Hunting
- Phishing / Spoofing Services

- SOC Consulting
- Security Analytics Planning
- Security Dashboard Design
- Log Correlation & Analysis
- Alert Tuning and Optimization
- SIEM Health Check
- Audits and Assessments
- Alarm Monitoring, SOC Operations
- Reporting and Continuous Improvements



## Security Operations

- Identity Governance & Administration
- Access Management for Web & Mobile
- Directory Services
- Privileged Access Management
- Mobile Security
- Enterprise Single Sign-On
- IAM Architecture Design
- Cloud Single Sign-On
- Technology and Product Selection




## Identity & Access Management

# Our Approach to Security



# Security In A Box Services Offering

Bronze	Silver	Gold 	On Demand
ISMS Frame Work Policies & Process Development	IT Risk Management Framework Development	Managed Security operations Centre	On Demand Remediation of Gaps
High Level Gap Assessment & Recommendations	ISMS Governance Framework Creation	Managed Security Services	Solution Design & Implementation of Security Technologies
High Level Architecture assessment of Endpoint Protection	Vulnerability Assessment & Penetration Testing	Audit & Certification	Firewall Assurance Services
High Level Architecture Review of Perimeter Security	Deep Dive Gap Analysis & Road map Creation for IT Security & Infrastructure	• ● •	Secure Code Review & Web Application Security Testing.
• ● •	Standards & Compliance Adherence Framework Creation	• ● •	Virtual CISO
• ● •	Pre Audit Consulting for Certification Audit	• ● •	• ● •

## Bronze

### ✓ ISMS Frame Work Policies & Process Development

- Building Information Security Management Framework in Lines with ISO 27001 Standards
- Development of Information Security Policies & Processes in Lines with ISO 27001

### ✓ High Level Gap Assessment & Recommendations

- Core infrastructure assessment and security gap analysis based on discussion with IT team
- Based on identified gaps recommend industry best practices and solutions

### ✓ High Level Architecture assessment of Endpoint Protection

- Existing endpoint protection architecture assessment
- Gap assessment in the endpoint architecture and recommendation based on same

### ✓ High Level Architecture Review of Perimeter Security

- Network security assessment at perimeter level
- Recommendation based on observations in the network security assessment

## Silver

### ✓ IT Risk Management Framework Development

- Comprehensive view of all risks related to the use of IT and Develop a Framework for Management of IT Related Business Risks

### ✓ ISMS Governance Framework Creation

- Documenting an ISMS governance framework, and organisational information principles based on ISO 27001 standards

### ✓ Vulnerability Assessment & Penetration Testing

- VM assessment for current infrastructure and Pen test for core devices with detailed reporting

### ✓ Deep Dive Gap Analysis & Road map Creation for IT Security & Infrastructure

- Technical analysis (based on tools and techniques) of the existing infrastructure and creation of detailed road map for IT security

### ✓ Standards & Compliance Adherence Framework Creation

- Creation of ISMS Standards adherence requirement framework with respect to technology , Process & People perspective for the bank.

### ✓ Pre Audit Consulting for Certification Audit

- Ensure that Bank is Adhering to all the Standards and guidelines provided by RBI and other Regulatory Authorities.
- Ensure that all Processes , Policies and Technology controls are in place as per ISMS Standards and other RBI Guidelines
- Helping the Bank in Remediation of Identified GAP during the Pre Audit.
- Ensure that Bank is ready for a Standards & Compliance audit.
- Engage & Coordinate with Third party Certified Auditors for Conducting an Audit and Issuance of Successful audit from the Third Party Auditor

Gold



## ✓ Managed Security operations Centre

- Real time Security alert monitoring
- Security event management
- Security threat management
- Advanced SIEM tools based security incident response

## ✓ Managed Security Services

- On-site consulting
- Perimeter management of the client's network
- Penetration testing and vulnerability assessments
- Compliance monitoring

## ✓ Audit & Certification

- Pre-assessment audit
- Stage 1 – certification audit
- Stage 2 – certification audit
- Award of ISO 27001 certification



## On Demand

### ✓ On Demand Remediation of Gaps

- Technical analyse the identified gap/s, design and craft the best fit solution in compliance to the existing infrastructure and implement the same as needed
- Post implementation support for implemented solution

### ✓ Solution Design & Implementation of Security Technologies

- Design, Stitch and implement security solution fit to existing environment
- Compare the available technologies in market with regard to features, stability, effectiveness and cost

### ✓ Firewall Assurance Services

- Firewall policy audit & clean-up
- Hidden device rules & rule usage analysis, Rule risk assessment
- Identification of technical mistakes in firewall rules, Un-used rules audit

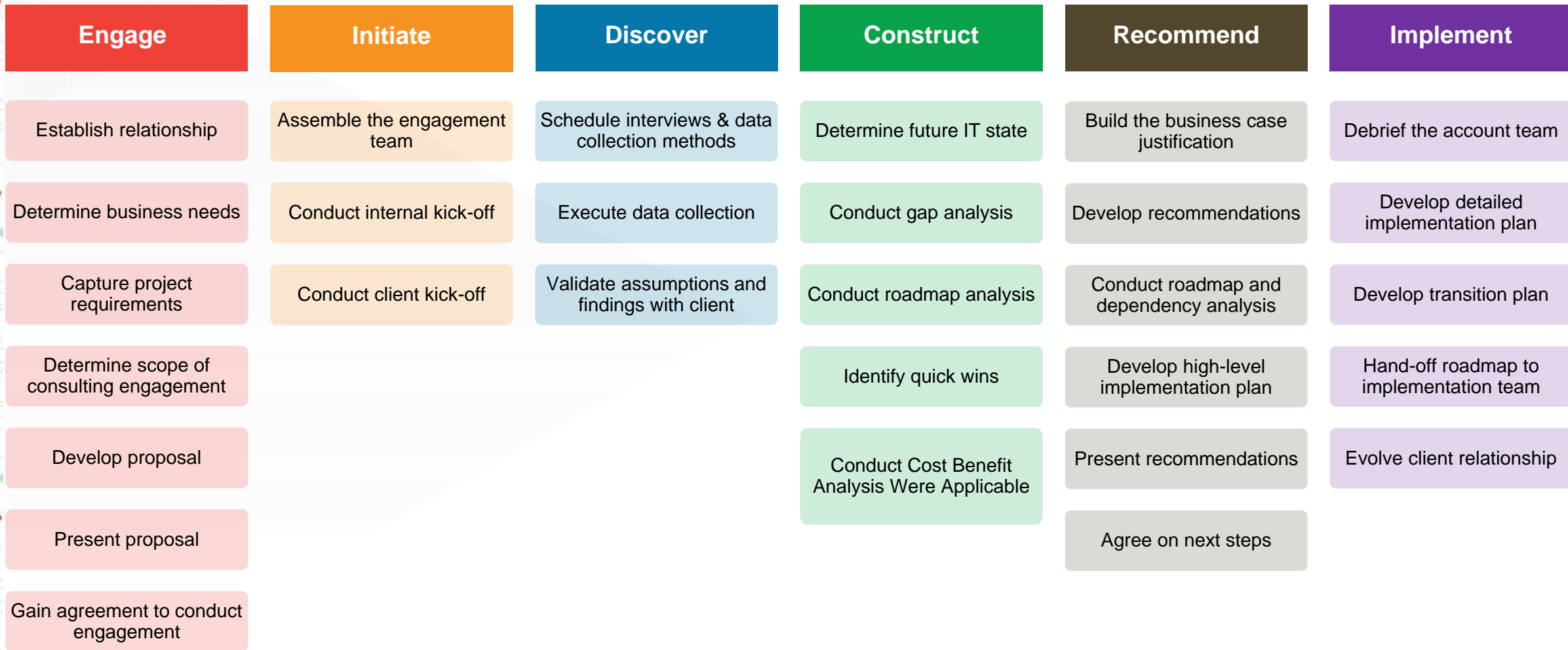
### ✓ Secure Code Review & Web Application Security Testing

- Authentication, Authorization, Session management, Data validation, Error handling, Encryption, logging
- Vulnerability, URL manipulation, SQL injection, XSS (Cross Site Scripting), Spoofing etc.

### ✓ Virtual CISO

- Information security leadership and guidance, Steering committee leadership or participation, Security compliance management, Security policy, process, and procedure development, Internal audit, Penetration testing, Vulnerability assessments, Risk assessment etc.


# Skillmine Consulting Services Approach





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