Infosys - Building a Robust and Secure Modern Workplace with the Enterprise Mobility and Security Suite

Today, with organizations moving towards **Cloud-First, Mobile-First** workplaces, employees are using a mix of devices - personal ones as well as Software as a Service (SaaS) applications for accomplishing tasks effortlessly. However, despite all the benefits that a mobile workplace offers, companies are still struggling to manage devices and data securely and maintain regulatory compliance.

The challenges that today's modern workplaces face has never been greater. They can be classified under key security focus areas namely - **Identity, Devices, Data and Applications**.
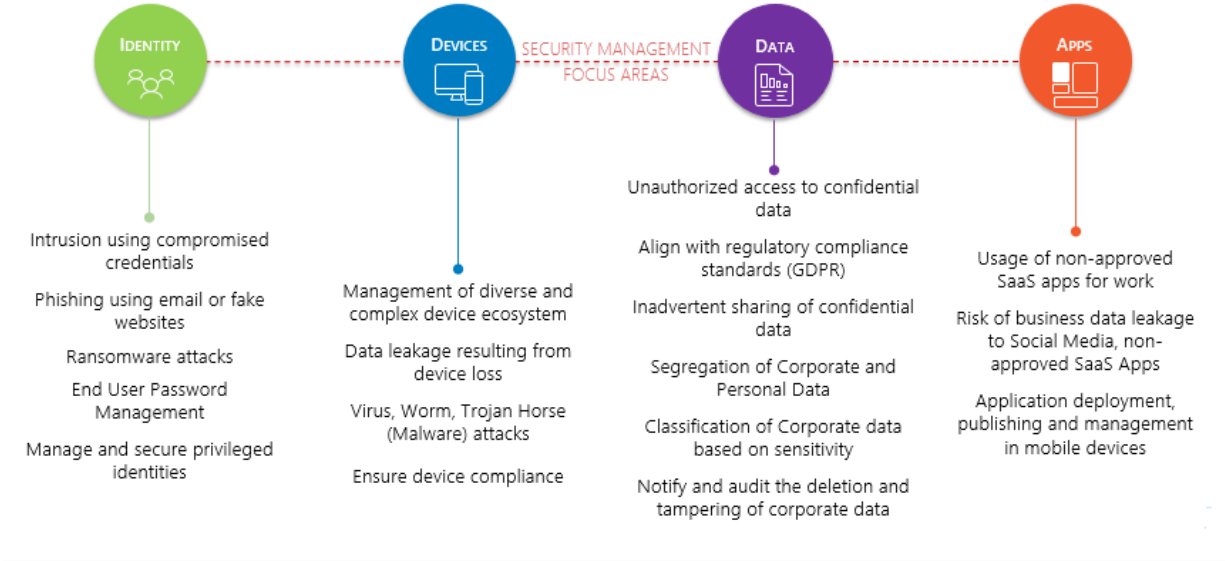

IDENTITY

DEVICES

SECURITY MANAGEMENT FOCUS AREAS

DATA

APPS

Intrusion using compromised credentials

Phishing using email or fake websites

Ransomware attacks

End User Password Management

Manage and secure privileged identities

Management of diverse and complex device ecosystem

Data leakage resulting from device loss

Virus, Worm, Trojan Horse (Malware) attacks

Ensure device compliance

Unauthorized access to confidential data

Align with regulatory compliance standards (GDPR)

Inadvertent sharing of confidential data

Segregation of Corporate and Personal Data

Classification of Corporate data based on sensitivity

Notify and audit the deletion and tampering of corporate data

Usage of non-approved SaaS apps for work

Risk of business data leakage to Social Media, non-approved SaaS Apps

Application deployment, publishing and management in mobile devices

Figure 1: Major challenges that exists for businesses in today's workspace

EMS + Security solution helps organizations address these challenges and build a secure Modern Workplace by protecting the corporate data and simplifying workforce mobility.

Implementation Approach

For each of the EMS components, we recommend a structured phase-wise implementation taking into consideration the enterprise needs, organization culture, local ordinance, and integration requirement and user experience.
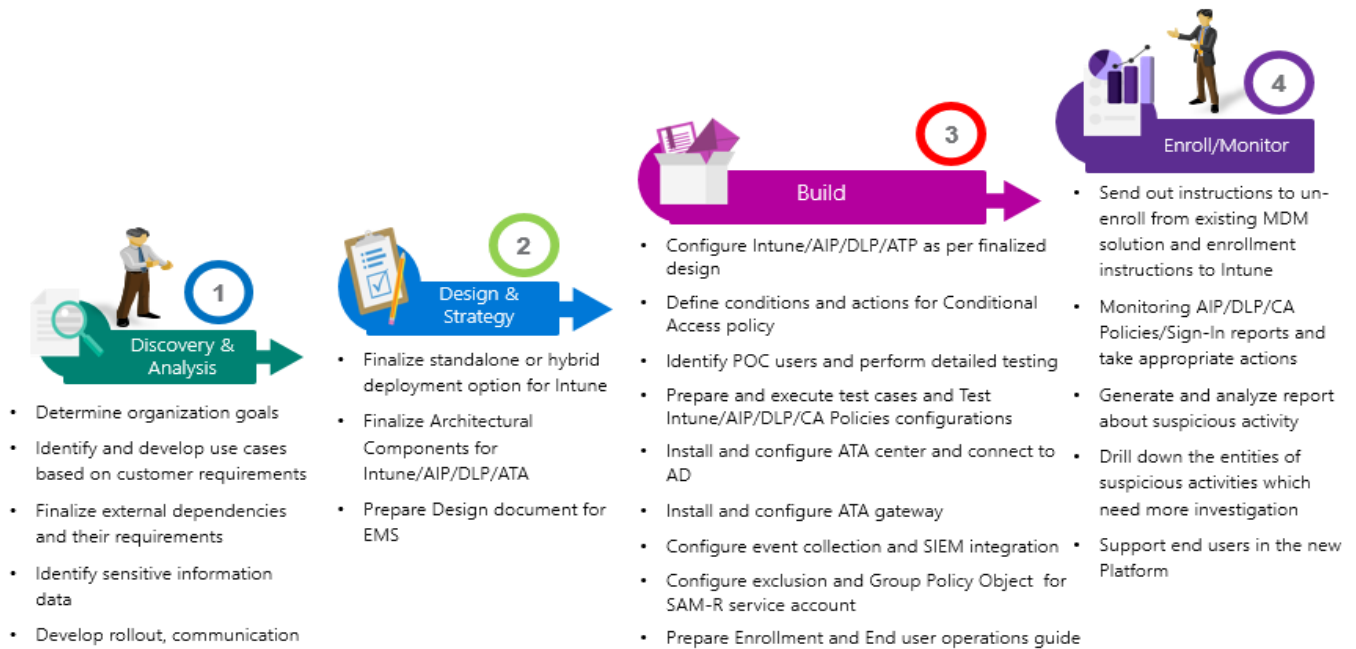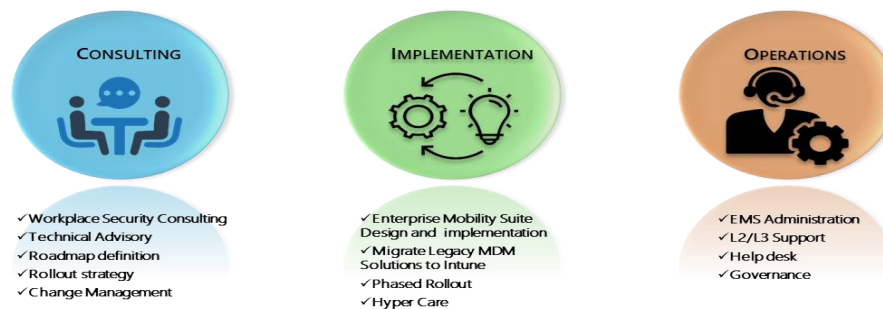
Discovery & Analysis (1)
- Determine organization goals
- Identify and develop use cases based on customer requirements
- Finalize external dependencies and their requirements
- Identify sensitive information data
- Develop rollout, communication

Design & Strategy (2)
- Finalize standalone or hybrid deployment option for Intune
- Finalize Architectural Components for Intune/AIP/DLP/ATA
- Prepare Design document for EMS

Build (3)
- Configure Intune/AIP/DLP/ATP as per finalized design
- Define conditions and actions for Conditional Access policy
- Identify POC users and perform detailed testing
- Prepare and execute test cases and Test Intune/AIP/DLP/CA Policies configurations
- Install and configure ATA center and connect to AD
- Install and configure ATA gateway
- Configure event collection and SIEM integration
- Configure exclusion and Group Policy Object for SAM-R service account
- Prepare Enrollment and End user operations guide

Enroll/Monitor (4)
- Send out instructions to un-enroll from existing MDM solution and enrollment instructions to Intune
- Monitoring AIP/DLP/CA Policies/Sign-In reports and take appropriate actions
- Generate and analyze report about suspicious activity
- Drill down the entities of suspicious activities which need more investigation
- Support end users in the new Platform

Figure 2:: Implementation Approach

We offer end-to-end solutions that ensure a modern and secure platform. Our engagement models include EMS consulting, implementation and managed services in a dedicated model (both on- premise and offshore).

CONSULTING
- ✓ Workplace Security Consulting
- ✓ Technical Advisory
- ✓ Roadmap definition
- ✓ Rollout strategy
- ✓ Change Management

IMPLEMENTATION
- ✓ Enterprise Mobility Suite Design and implementation
- ✓ Migrate Legacy MDM Solutions to Intune
- ✓ Phased Rollout
- ✓ Hyper Care

OPERATIONS
- ✓ EMS Administration
- ✓ L2/L3 Support
- ✓ Help desk
- ✓ Governance

With Microsoft Enterprise Mobility + Security (EMS), at the core, we accelerate the transformation of your enterprise into a more productive workplace.

Figure 2: Our Solution

Let's Talk:
Reach out to us at WorkplaceTransform@infosys.com and our team will get in touch with you