CONTINUOUS COMPLIANCE
ASSURANCE-AS-A-SERVICE

Data Protection & Compliance. Connected.

The COVID-19 pandemic has forced Organizations to quickly enable their employees to work remotely for an extensive period of time. Having people work remotely changes many things. This sudden spike in Work From Home scenario has exposed enterprises to serious security risks that security teams across the world are grappling with. One of the most pressing need of the hour that almost all industries need an assurance, on validation and visibility on their security controls & compliance to standards and regulatory guidelines to be maintained, (especially to safeguard corporate assets, users and information protection both internal to enterprise and customer's data from being compromised)

The most common risks for companies when it comes to regualatory compliance is the following:

- Well established procedures are being rewritten, best practices quickly rethought, and policies stretched to breaking point.

- Complex & dynamically changing IT and IT GRC controls are making it more difficult

- Heavy dependency on SMEs specific to OEM technologies & platforms to retain compliance is leading to uncontrolled configuration of parameters

- Percentage of Cyber Attacks are due to Misconfiguration & Poor Auditing & lack of real-time assessment of IT Recourses
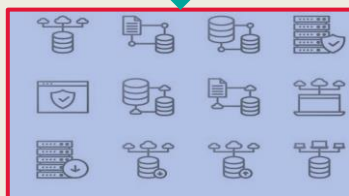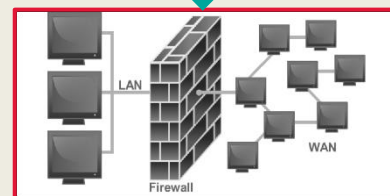
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How do we address this?

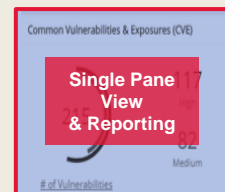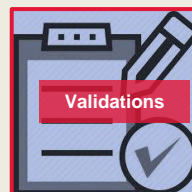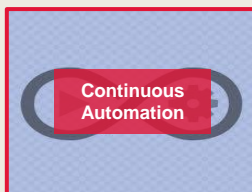Tech Mahindra's CONTINUOUS COMPLIANCE ASSURANCE-AS-A-SERVICE solution ensures Auto Discovery, Continuous Automation, monitoring, validation, Remediation, Single Pane view & Reporting of Misconfigured IT Resources thereby helping organizations to navigate changing regulatory requirements and new challenges for compliance departments.

This Solution provides:

- Agentless deployment and minimal or almost no onsite involvement
- Real-time, continuous monitoring and assessment per CIS, ISO27001, HIPPA, NIST etc.
- Available in both SaaS and On-Prem or Hybrid delivery model
- Remediation Guidance Single unified view of the hybrid cloud
- environment, deployment in few days Compliant with US-CERT released
- advisories

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Single pane Unified view of the dashboard for health status of all IT Resources

ASAP Scores

919 — Security Score
940 — Compliance Score

Schemas Validated (& Defined)

4
16 Defined

Templates Validated (& Available)

25
45 Available

Validations (Recurring / On-Demand)

62 — Total
43 Recurring
19 On-Demand

Validation Results

Pass · Fail · Unable to Perform · Not Applicable · Schemas Validated · Templates Validated

03-27 · 03-28 · 03-29 · 03-30 · 03-31 · 04-01 · 04-02

Top Resources at Risk

Resource Type	Issues
Network Security Group	2 / 0 / 0 / 0 (2)
Network Security Group	2 / 0 / 0 / 0 (2)
Network Security Group	2 / 0 / 0 / 0 (2)
Network Security Group	2 / 0 / 0 / 0 (2)
Network Security Group	2 / 0 / 0 / 0 (2)
Network Security Group	1 / 0 / 0 / 0 (1)
Network Security Group	1 / 0 / 0 / 0 (1)
Identity and Access Management	0 / 2 / 1 / 0 (3)

Common Vulnerabilities & Exposures (CVE)

215 — # of Vulnerabilities
117 High
82 Medium
7 — Resource Impacted
6 High
1 Medium

End of Life (EOL)

12 — Packages
12 Past EOL
0 Close to EOL

Certificates

2 — Certificates
2 Unique Certificates
2 Total Certificates

ASAP Scoring Compliance Security - Choosing Which Metrics to Implement

- **Built-in Compliance Score reflecting health of Configurable IT controls & Devices**

- **Can be deployed as Customer defined Scoring system and also preconfigured built in Scoring System**

ASAP Scores
919 — Security Score
940 — Compliance Score

- **Auto Discover End of Life status of installed packages & Report back**

- **Check when internal certificates or CAs expire status & report back**

End of Life (EOL)
12 — Packages
12 Past EOL
0 Close to EOL

Certificates
2 — Certificates
2 Unique Certificates
2 Total Certificates

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Ticketing System that Integrates with Jira and ServiceNow / Auto Remediation / Auditor Compatible Reports

Business Benefits of Continuous Compliance Assurance-as-a-service

- A platform that can be fully customizable & deployed within few days
- Agentless deployment and minimal or almost no onsite involvement
- Available in both SaaS and On-Prem or Hybrid delivery model
- Very broad single pane view of compliances and remediation controls
- Cost-effective @ $10/Object/Month
- Compliant with US-CERT released advisories
- Simple to deploy across environments – onPrem as well as cloud

https://www/us-cert.gov/ncas/alerts

Use-case 1: PCI DSS & NIST Compliance for FinTech Company

PCI DSS is focused on the unique security threats and risks present in the payments industry

NIST Framework provides an overarching security and risk-management structure for Framework

Problem
Fintech needs to adhere to compliance for protecting against security threats and risks for Payment card Transaction.

Solution
- ASAP regularly monitor Configurable controls that adhere to PCI & NIST framework guidelines
- Test for the most recent SSL/TLS expiry and weaknesses
- Firewall Compliance & Audit Firewall Rules
- Performs system hardening a s Per NIST & PCI DSS guiltiness
- Based on PCI & NIST framework guidelines ASAP validates & remediate certain port, disables unnecessary services and functionality across IT resources

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Use-case 2: Large Tech Company

Assure Security
Large technology company needs to drive agility while staying secure

Problem
MNC has large numbers of IT resources spread across the world and have policies for different environments / resources based on their risk and compliance profile.
As the company embarks on digital transformation, it is impossible for them to staying secure while being agile.

Solution
The CISO needs to only designate a given environment, pick the applicable security policy(s) and validation frequency. Spanugo automatically performs the validation and provides an easy to consume summary of their security postures.

Use-case 3: Large Health Care Org

HIPAA Compliance
Health care org needs to prove they are compliant with HIPAA, HiTrust etc.

Problem
Company has several audits around the year – one of the critical one being HIPAA. Most audits, takes them 3+ months to complete and need to get information from over 70 different individuals.
This is expensive, not scalable and ineffective.

Solution
ASAP automates the discovery, collection and validation of resources against different standards / regulations – including HIPAA and HiTrust – without needing much human intervention.

Use-case 4: IT Audit

Assure Compliance
IT Audit firm needs a scalable solution

Problem
This IT audit firm has a standard set of checks they do for their clients. In addition, depending on their customer base they have additional checks.
The advent of cloud adds more complexity to their task.
All of these adds time, costs more and limits the number of audits they can perform.

Solution
Using ASAP, they pre-load the standard set of checks. In addition, additional checks are just a click away. TechM ASAP validates all assets against all checks and across all environments allowing them to focus on presentation of the results and having a strategic discussion on remediation and relationship

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Assess Risk / Compliance

Large MNC wants to understand Cyber security risk profile an acquisition target

Problem

The acquisition target has multiple different types of IT resources spread across different environments.
The MNC is unable to understand the IT security risk profile comprehensively as current manual methods can only validate a sample.
Also, they needed to ensure that the companies were compliant with MNC's own standards as well as NIST and PCI

Solution

ASAP's ASAP platform can validate the full stack of IT resources across different environment in an automated manner.
So MNC can get an accurate and detailed security view – and using consistent assessments (using standards and custom checks) across all acquisitions – allowing them to develop reliable post merger remedial and integration plans

Why should you engage with us?

Tech Mahindra is the only firm to have this platform that addresses the chaos during COVID to address compliance & IT Security controls mis-configurations.

With 18+ years of experience in Cyber Security Services, 1200+ dedicated security professionals and 170+ large Enterprise clients, Tech Mahindra is in a strong position to help organizations in Security Consulting, Data Security/ GDPR services, Identity & Access Management, Cloud Security, IoT /OT Security, Advance threat management, Application Security.

Tech Mahindra has pioneered in some of the innovation in Cyber Security domain like Deep Dark Web Services, Threat Hunting, Zero Day Attack Mitigation and AI- Micro Segmentation

Tech Mahindra has been awarded as the most Innovative Cyber security Company in the Cyber Security Excellence awards, 2019

Tech Mahindra is recognised as leaders by leading analysts like Forrester and Avasant.

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