Enterprise SaaS: simplifying government's journey to the cloud

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#Tech1Showcase

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SHOWCASE **20** **17** | **INSIGHTS INSPIRATION INNOVATION**

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Transforming business, making life simple

Federal Government

- Long relationship with agencies and departments on premise

- New challenges for customers
  - Ci Anywhere enables access from anywhere
  - Edge devices now in scope
  - IDS / Inspection required

- Resource intensive compliance
  - ISM based risk assessment for customers
  - Intersection of new delivery mechanisms (SaaS and Cloud)

- Difficult for customers to change policy/ architecture and adopt new software deployment patterns
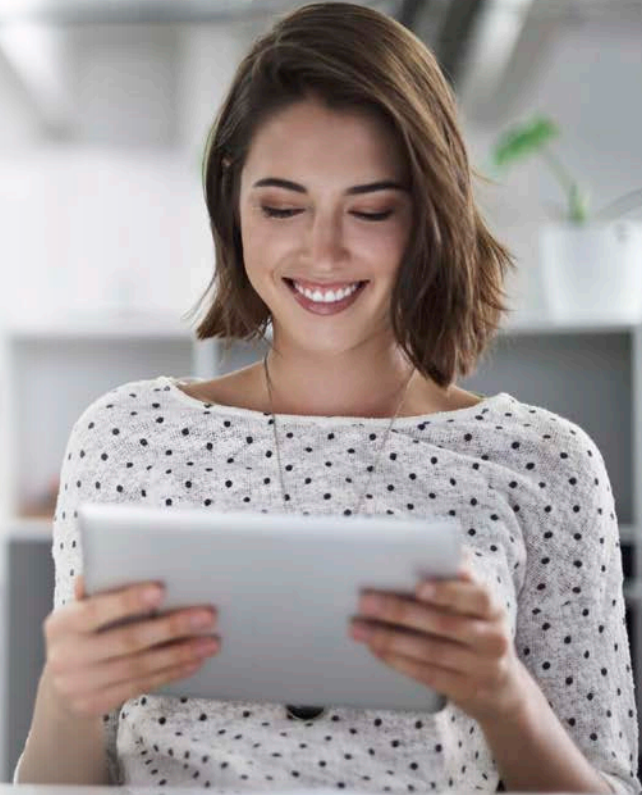
Compliance program

Already achieved

Description	Audience
ISO 27001:2013	All interested parties
ISO 27017 (Security)	All interested parties
ISO 27018 (PI Data)	All interested parties
ISAE 3402 SOC 1	Financial auditors of customers
AT101 SOC 2 (Availability & Security)	Security auditors of customers

The above applies to TechnologyOne Cloud 3.0 and above

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Approach

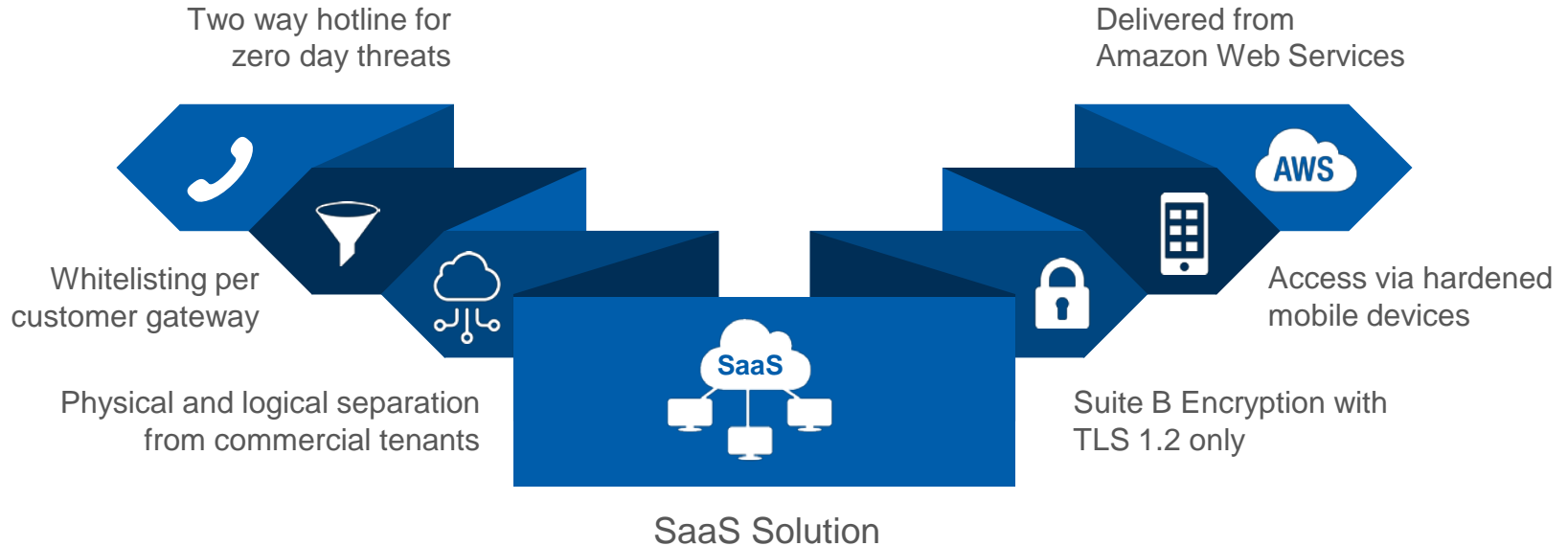- ✓ Work with early adopters

- ✓ Leverage existing frameworks where available

- ✓ Resolve the problem of compliance once for all customers

- ✓ Build upon already achieved compliance

Approach

01 Commence IRAP assessment

03 Achieve ASD Certified Cloud Service status for SaaS

Step 1

Step 2

Step 3

02 Develop a SoA based on ISM (2016)

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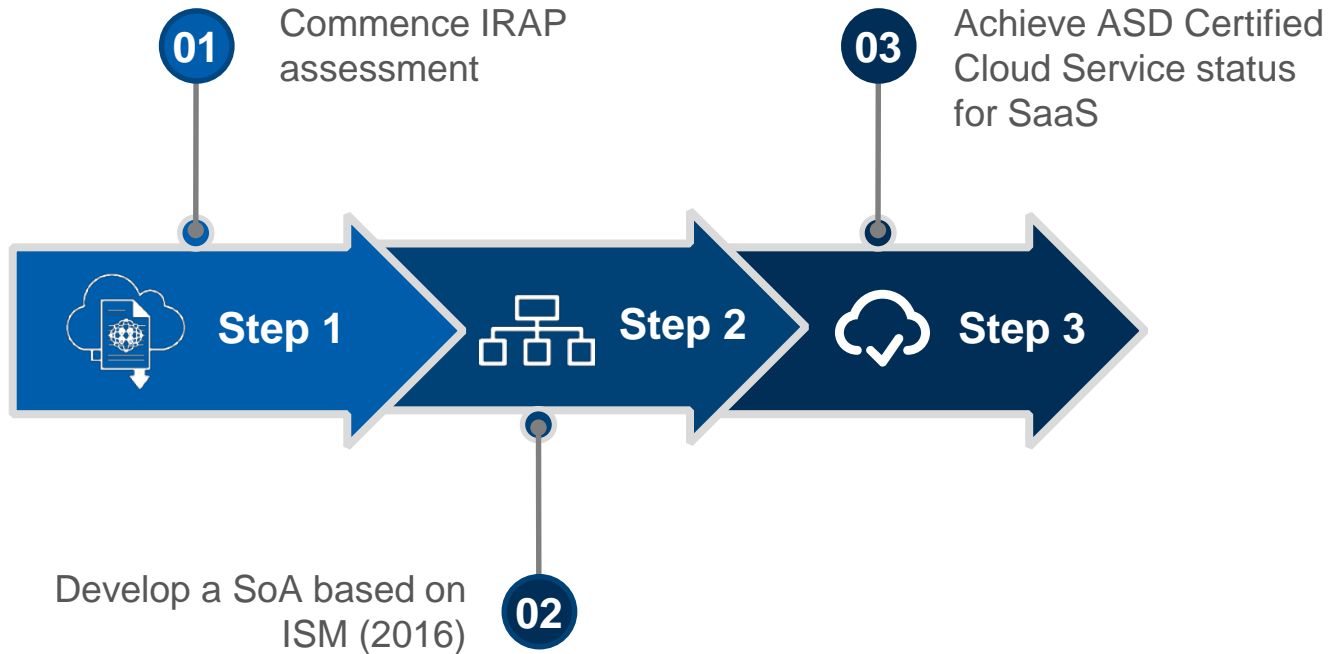
TechnologyOne GovCloud

Two way hotline for
zero day threats

Delivered from
Amazon Web Services

Whitelisting per
customer gateway

Access via hardened
mobile devices

Physical and logical separation
from commercial tenants

SaaS

Suite B Encryption with
TLS 1.2 only

SaaS Solution

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TechnologyOne Cloud for Government

- ✓ Strong cloud R&D program

- ✓ Strong compliance program

- ✓ Active / active architecture

- ✓ Single version of software for all customers

- ✓ Multi tenant software, single tenant databases

- ✓ Zero downtime upgrades

- ✓ Auto healing, auto scaling

- ✓ Zero Citrix

- ✓ 100% browser based (including Ci)

TechnologyOne Cloud for Government

Workshops completed
with The Treasury

Close collaboration with
AWS / ASD

Remediation due for
completion mid October

Multiple projects already on
TechnologyOne Cloud for
Government

Stage 1 audit
complete

Design & build process
completed in May

SoA accepted by ASD
in late May

Stage 2 audit scheduled
late October (Deloitte /
ASD / TechnologyOne)

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