

JOURNEY TO THE CLOUD

Modernizing the delivery of digitally-enabled business solutions by leveraging Cloud technology

Q1&2 19/20

Prot-B workloads in Cloud

Workload migration, multi-Cloud, Disaster Recovery/Business Continuity (DR/BC) considerations in applications

Application Portfolio Assessment ✓

Q3 19/20

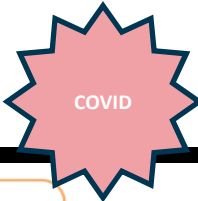
Build Hybrid Cloud Foundation

Received Azure PB enrollment ✓

Categorized all applications into buckets ✓

Q4 19/20 (ON-GOING)

Migrating 1st category applications to the Cloud



WHERE WE ARE GOING

- Use more, build less..
- Cloud First!
- Cloud for all new workloads
 - Software as a Service (SaaS)
 - Platform as a Service (PaaS)
 - Infrastructure as a Service (IaaS)
- Migrate Workloads to Cloud
- Modern, resilient infrastructure

Benefits:

- Agility and Time to market
- Savings in time and money
- Security and reliability
- Rapid innovation
- Elasticity

WHAT WE NEED



DEVELOPERS
Cloud native developers



SECURITY
IT Security Risk Management modernizing Information Management and data management policies



INTEGRATION
Change Management integrating/ evolving current IT Service Management processes

- Modernized IT Security Risk Management (Digital Services Enablement)
- Guidelines for Secure Cloud Applications (Digital Services Enablement)

Q4 18/19 (ON-GOING)

Unclass production workloads in Cloud : Software as a Service (SaaS)/Platform as a Service (PaaS) workloads

Training for Cloud-native developers

- Oct-18: SSC to provide Active Directory and Cloud Identity management ✗
- Oct-18: Modernize IT Security Risk Management (Digital Services Enablement) ✓

WHERE WE ARE

- Dedicated Cloud Centre of Excellence established
- Received Azure enrollment under the PBMM framework
- Classified all applications into categories
- Started migrating applications with no dependencies to the Cloud in the Cloud
- Workloads in the Cloud: 1 Protected B; 4 Unclassified; 42 Dev/Test applications
- Continue Cloud change management and training

Q1 18/19 ✓

Developing expertise, proof of concepts, play-pen/sandbox, start small, test out the art of the possible.

- Train our staff to build internal Cloud expertise
- Identify candidate applications for proof of concepts

Q2 18/19 (ON-GOING) ✓

Start development testing and user acceptance in Cloud

- Jul-18: SSC to provide secure, dedicated network to Cloud ✗

Proof of concept projects

- OpenData (OpenGov)
- Small Vessel Compliance Program (SVCP)
- publish static web pages
- MyTC Talent Network Search service

- Cloud development framework (Enterprise Architecture)
- Core foundational services (Digital Services)
- Cloud-Native developer Centre of Expertise (Solution Centre)

• Target State Architecture (Enterprise Architecture)



RISKS

- Limited Cloud expertise; lack of mature modern, processes will slow adoption
- Network bandwidth and latency limitations may affect the user experience
- Slow pace of culture change may slow down Cloud adoption

Legend: Blocker Enabler