One of the World's Leading Naval Forces Implements Centralized Access Management with Newgen

Solution Implemented for 100,000+ Personnel

Background

The client is an elite defense organization responsible for securing international borders at sea. Their workforce operates from the headquarters and several border locations. The organization focuses on training, administrating the line of defense, and intelligence gathering.

With more than 100 locations, including land bases and ships, the movement of personnel required constant monitoring and a robust mechanism to ensure authorized access.

Challenges Faced by the Client

- Lack of a scalable, centralized access management solution

- Absence of a secure end-to-end centralized tracking system for the card issuance process

- Risk of misplacement and misuse of cards

- Absence of a hybrid access management system with the ability to operate offline on offshore naval assets with limited connectivity

- Lack of synergies with respect to access management across different naval commands

Goals of the Project

- High security access card management

- Automation of identity card-related processes across all locations

- Scope of the project includes the current navy personnel, dependents, and retired personnel

- Develop robust access control mechanisms across onshore and offshore locations

- Provide best-in-class security measures using encryption and security protocols

Secured Identity Access Card Management with Newgen

The defense organization implemented the card access management solution built on the NewgenONE digital transformation platform. It enabled the end-to-end automation of the complete card management lifecycle, from card issuance, access management to renewal and invalidation.
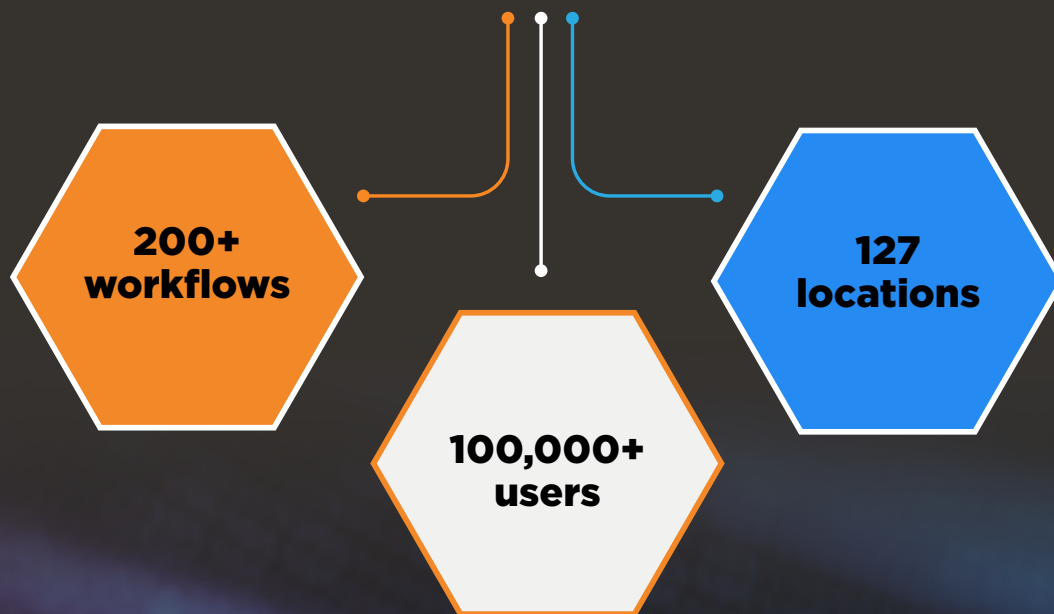
Deployment Highlights

- Newgen iBPS Low Code Process Automation Platform (BPM)

- Newgen OmniDocs Contextual Content Services Platform (ECM)

- Business Rule Management System

- Master Data Management

- Business Activity Monitoring

Key Highlights

- Automation of **200+ workflows** of varying complexities

- Integration with PKI, OS, MISCOS (Military Specific Card Operating System), and the core naval system

- Automation of token and pass management processes

- Offline access at classified high security naval assets with limited connectivity

- Readily deployable solution by citizen users with low code application development

Implementation Highlights

200+ workflows

100,000+ users

127 locations

Business Benefits

Swift card issuance and tracking of access cards

Centralized, scalable solution across all naval assets

Secured access to prohibited zones to approved users

Seamless integration with the existing systems

Effective collaboration among all stakeholders across the naval bases

Compliant to all security protocols mandated by the naval force

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April, 2022