

## Card Application Management

### Overview

Card Application Management involves securely managing the full lifecycle of applications installed on a smart card. This is integrated directly into Cogito Group's Card Management System (CMS) solution, ensuring a seamless card management experience.

### Key Features of Cogito Group's Card Application Management Solution

#### Seamless Integration:

- **Integrated Applet Management:** Secure installation of new applications, updates, and patches to smart card applications are done automatically as part of routine CMS operations.
- **Centralised Management Console:** Cogito Group provides a centralised platform to manage the entire smart card application lifecycle and monitor card activities across services.
- **Role-based Access Control (RBAC):** Tiered access can be applied to who can manage smartcard applications, ensuring that only relevant personnel have the ability to manage smartcard configurations and applications.
- **Audit and Reporting:** Application access, configuration changes, and modifications are logged and made available for audit purposes through Cogito Group's SIEM system.

#### Extensive Configurability:

- **Application Library:** Application versions can be uploaded and managed through Jellyfish, enabling granular management of application versioning and assignment to specific cards.
- **Application Customisation:** Custom application configurations can be created and maintained through Jellyfish, to be automatically applied to cards during day-to-day operations.

## Benefits of Card Application Management

- **Enhanced Security:** An integrated approach ensures that card applications can be updated on the fly to patch security vulnerabilities and add additional functionality, as opposed to the traditional "one-and-done" model of application management.
- **Better Auditability:** Card applications are managed and maintained through Jellyfish, providing improved visibility and tracking on deployed applications across all smartcards in an organization
- **Compliance:** Card Application Management functionality is provided as part of Jellyfish, integrating with our **Zero Trust architecture** and is in line with **ASD Essential 8** security strategies.
- **Data Sovereignty:** All data, including cryptographic keys and card applications, are managed within Australian Government accredited data centres, ensuring compliance with data sovereignty laws.

## Conclusion

Cogito Group's Card Application Management functionality provides a comprehensive, secure, and compliant solution for organisations that require robust identity verification, strong authentication, and secure data management. By integrating smart card technology with broader security services, Cogito Group ensures a seamless and scalable approach to managing card lifecycles while meeting the highest standards of security and compliance.

## About Cogito Group

Cogito Group is an award-winning, Australian owned and operated ICT company, specialising in authentication, cloud security, identity management and data protection. Cogito Group protect the authentication methods used to access information through the use of Identity and other security technologies. Cogito Group protect data not only from unauthorised access and disclosure, but also from being altered by an unauthorised third party or a trusted insider with malicious intent. This assists in the detection and prevention of fraud or other malicious activities by third parties or trusted insiders.