

ABOUT COGITO GROUP

DIGITAL SECURITY EXPERTS



DIGITAL SECURITY EXPERTS

Cogito Group is an Australian-owned and operated ICT company. We are digital security experts specialising in developing ‘enabling technology’. We create digital solutions to keep your physical, logical, and cloud-based data and infrastructure safe. Our services include: Identity and Access Management Systems, OTP tokens, Smart Cards, Card Management Systems and Public Key Infrastructure.

Cogito Group will protect your information: Wherever it sits and however it is received.

Cogito Group are designers, system integrators and sustainment specialists. We specialise in bringing together component subsystems to create holistic organisational security posture. Our focus is on bridging the common operational gaps faced in the integration of digital security technology. Our solutions are designed to integrate multiple products and technologies to achieve your digital security goals.

Cogito Group solutions are designed to future-proof organisations against the ever-changing cyber security threat landscape.

“Established in 2011, Cogito Group provides managed Cyber Security solutions for both federal and private organisations providing organisations providing critical infrastructure across Australia, New Zealand, and the rest of the world.”

“Our managed cyber security solutions include: Digital Identity, Systems Integration, and authentication solutions including the integration of PACS and LACS.”

PROFESSIONAL SERVICES

Cogito Group consultants provide specialist advice to clients regarding digital security solutions. We focus on operational efficiency, risk mitigation, vulnerability analysis, regulatory compliance, audit and reporting for digital security systems.

Cogito Group’s Professional Service offerings include:

- **Design, build and sustainment of Public Key Infrastructure (PKI) & Identity Management (IdM) capabilities**
- **Assistance and advice with Public Key Enablement (PKE) such as securing and managing enterprise devices and capability as well and bring your own device (BYOD)**
- **Solution Accreditation and Compliance for digital security systems**
- **Deployment and use of Digital Certificates**
- **Deployment and use of Hard Token technologies such as Smart Cards; and**
- **Security Policy and Security Quality Management**

SUPPORTABILITY

Cogito Group can provide ongoing support, maintenance, and implementation/upgrade services. Cogito Group has a strong positive reputation for providing practical, innovative, and smart solutions to its customers.

We keep our clients aware of new technology to ensure their systems maintain peak performance and optimal levels of security. We don’t provide a static solution; our products are purpose-built to handle complexity and designed to evolve with your security requirements.



EXPERIENCE

Cogito Group's reputational strength and delivery success comes from investing in its staff, through training and experience.

Cogito Group consultants have specialist knowledge in delivering:

- **Synchronisation of disparate systems**
- **Specification and protocol development for ICT solutions. Cogito have consultants worked on and chaired a Combined Communications Electronics Board (CCEB) working group. Within this multinational forum of Government entities our staff were instrumental in the development of the standards and implementations that allowed granular access control over information that could be determined through the processing of multiple attributes such as nationality**
- **The most advanced boundary protection and inspection services available anywhere in the world today by providing this capability for use in high security environments; and**
- **Securing of on-premises and off-premises cloud-based services such as the securing from theft or alteration of files, databases and virtual machines.**



APPLICATION AND SOFTWARE SERVICES

Identity and Access Management (IdM and IdAM)

Our IdM solutions provide strong authentication to ensure users accessing your network are who they claim to be through Identity and Access Management (IAM) applications such as network authentication, digital signatures and other services based on Public Key Infrastructure (PKI).

Identity Management (IdM) systems provide the basis for the collection, management and synchronisation of identity information and attributes between disparate systems.

These systems reduce the effort and cost of the management data by managing the identity data throughout its lifecycle. Identity management systems provide workflow for the automation of access to systems and services either by an approval process or based on identity attributes.

Cogito Group has staff that are trained and experienced in Oracle Identity Manager and ForgeRock OpenIDM.

PKI

A PKI is the basis for the providing secure and trusted credentials. These credentials are used to establish trust in electronic transactions that the parties or systems involved are who they claim to be.

Cogito Group currently provides support, maintenance and enhancements to the largest PKI installation within Australia.

Cogito can also provide software for existing solutions that allow PKI based credentials (Digital Certificates) to be managed more effectively in existing deployments. This allows easier management and avoids downtime associated with the expiry of these certificates in an operational environment.

CARD/CREDENTIAL MANAGEMENT SYSTEM

Card/Credential Management Systems are used to manage the association between an identity and their issued credentials. They manage the lifecycle of trusted tokens such as smart cards and now provide capabilities for the management of virtual smart cards and credentials delivered to smartphones and other mobile devices.

Cogito Group currently offers three quite different CMS solutions meeting different needs and price points. The three products are MyID from Intercede, vSec CMS from Versatile and Certificate Management System from Certified Security Solutions.

SECURITY AND DATA PROTECTION

Cogito Group partners with and resells Gemalto/SafeNet security products that provide:

- **Key management and protection, and**
- **Data encryption for:**
 - **Databases**
 - **Files and file systems**
 - **Storage units**
 - **Directories; and**
 - **Applications**