

Modern CMS To Issue PIV Smartcards

The Client Need

Australia's Department of Defence (DoD) is constituted under the Defence Act 1903. Its mission is to defend Australia and its national interests. In fulfilling this mission, Defence serves the Government of the day and is accountable to the Commonwealth Parliament which represents the Australian people to efficiently and effectively carry out the Government's defence policies.

The DoD required a card management system that would be easier to maintain than the old system, and one for which acquiring smartcards would be quick. In short, it required a more integrated and modern solution for issuing PIV smartcards.

The Solution

The answer to DoD's needs was a combination of Versasec and Cogito Group solutions. Cogito Group's Jellyfish is a modular platform that is agile and adaptive to change through daily product improvements and through its integrated machine-learning capabilities. For the DoD's needs, Versasec's vSEC:CMS was the solution to the PIV smart cards element and the improved end-user self-service experience. Capturing user details such as "evidence of identity" and requesting cards and certificates all came through Cogito Group's Jellyfish.

The Jellyfish and vSEC:CMS combined solution provides an integrated and intuitive web-based interface which allows users to request hardware and software credentials. The flexibility and customisability of Cogito Group's Jellyfish system allows system administrators to capture data that is not usually captured by CMS. It also allows users to define customised workflows that meet their business requirements.

Jellyfish's data sync engine is capable of reading data from multiple sources and allows customers to centralise and rationalise the data to retire legacy systems. In the case of the Australian DoD, Jellyfish reads user data from a PACS and a legacy CMS then transforms and imports it into a centralised directory which is then used by vSEC:CMS to issue cards to users.

Implementation and Early Results

Cogito Group is currently deploying the solution to the DoD, and the results to date have been very promising and include the following:

- Better documentation – it is simpler to keep information up to date, and the documentation covers all functions and configurations of the system.
- Significantly improved graphical user interface and usability improvements over the old system.
- Improved upgrade installer, troubleshooting procedures and more.
- Stable backend services, security elements and more that will help keep data safe, and help the DoD maintain its mission to defend Australia's national interests.

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.