

# AltoCryptPhone

Secure Applications for iPhone®

AltoCrypt Phone delivers secure mobility to government users. Our unique design enables organisations to use a secure mobile device to collaborate with peers using voice, video, chat, email and browse across different sensitive networks when and where they need to.

## Challenge

One of the challenges for users of classified information in an increasingly mobile world, is access to data when and where you need it. While commercial technology has enabled a more agile workforce and workplace, many government systems are still only accessible on fixed desk infrastructure. This means that you are frequently dislocated from your data during meetings and when moving around the office, losing situational awareness.

The solution is either to return to your desk or carry around bundles of printed material. Those systems that support mobility are either based on cumbersome, legacy or bespoke hardware and have expensive and long development and refresh lead times. These barriers can restrict their general use or widespread adoption across the organisation.

## Solution

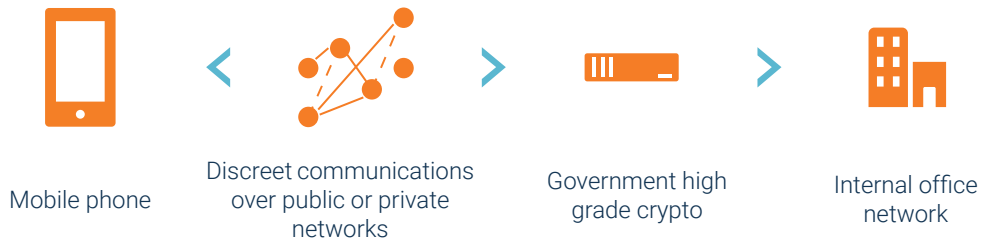
The AltoCrypt Phone solves this problem by delivering a hardened iPhone with advanced features and functionality to provide classified information to mobile users. Convenient, familiar and flexible to rapidly deliver new applications, the AltoCrypt Phone provides government users with a trusted device that enables secure peer-to-peer collaboration across voice, video chat and email services.

Additionally, it integrates controlled access to data from less trusted security contexts from across the enterprise to users, anywhere and anytime.

- Secure applications on an iPhone®
- Compatible with AltoCrypt® PRIME dual-layer encryption
- Separated and discrete security enforcement functions
- Layered assurance supported by multi-factor authentication



**Access to secure information when you need it**



**Secure by design**

The AltoCrypt Phone is built on commercial off the shelf consumer hardware, using an assured secure supply chain and supported by a sovereign secure repair capability.

The solution gives users a communication device, with which they are familiar, providing simple access to sensitive networks and information from less trusted environments to make informed decisions when and where they need to. The AltoCrypt Phone enables enterprise situational awareness without attracting attention or data compromise.

Built around the classified user, security is included in everything we do. The AltoCrypt Phone uses a secure software module that protects data in transit using high assurance encryption protocols. This software has been designed to directly connect to existing access gateways and crypto infrastructure standards, which are in service throughout the Australian government.

**Technical Specifications**

Device	iPhone® 11 and above
Operating System	iOS 14+
Assurance	Layered secure gateway design, UK & Australian cryptographic standards
Management	AltoCrypt OverWatch device and key management system
Services	Voice & Video conference – phone call and video between peers, including to the corporate enterprise Chat – peer-to-peer collaboration, including secure image Email – access to the corporate enterprise email service, including calendar Browse – access to corporate enterprise data from less trusted environments (in development)
Authorised Apple® Service Provider	Penten is an authorised Apple® Service Provider.

