SERBUS SECURE™

SERBUS
securing the remote worker

Secure communication, device management and remote access to your most sensitive information

WHAT IS SERBUS SECURE™?

Serbus Secure is an integration of COTS equipment with NCSC CPA products that leverage your existing organisational infrastructure and services. The result is mission critical tools delivered to your mobile devices, whilst meeting your information security requirements.

Bespoke software development, virtualisation technology and unique public/private key crypto mechanisms underpin a modular yet integrated mobile security stack that performs securely and reliably in the most arduous and hostile environments.

WHY SERBUS SECURE™?

Business continues even when working remotely; however, insecurely accessing this information could be catastrophic if the communication is intercepted by cyber criminals, industrial competitors, hackers, hacktivists or even ex employees.

WHO USES SERBUS SECURE™?

Serbus Secure™ is built to meet the accreditation targets of Military and Government agencies working with sensitive material, or organisations requiring mobile access to their most sensitive commercial information.

HOW WE DO IT?

Incorporating best of breed products with the latest next-generation crypto, Serbus deliver true multi-layer mobile security solutions capable of meeting the most stringent accreditation* requirements.

The Serbus Secure™ design is modular, flexible and robust, which delivers a bespoke solution designed to meet your specific requirements.

Service support is also flexible so you can choose the level of cover required, including a fully managed support option.

Rugged device options are available for hostile environments.

Contact us to discuss integrating the latest secure mobile technology into your existing infrastructure.

SERBUS CORE

The **Serbus Secure Core** is a fully managed server stack that integrates with mission critical tools to create a **secure mobile eco-system**

Protective Monitoring & Intrusion Prevention

Data gathering and reporting in line with CESG GPG 13 alongside CPA technology and robust service management procedures take the pain away for the customer's IT security.

Remote Access Gateway

Secured with next generation firewalls and integrated with an internal PKI, our certificate based remote access VPN incorporates CPA approved products whilst delivering a seamless and secure experience to the end user.

2-tier PKI

Serbus offline Root CA, secured in our list-X facility, establish the chain of trust for deployments. Each deployment has numerous intermediate CA's that integrate with various application and network functions.

Serbus Core

Mobile Device Management

Security policy enforcement, custom compliance & application deployment. Automated enrolment mechanisms such as DEP and KNOX enable almost zero touch device provisioning.

Directory Services

Centralised user management ensures the platform is simple to use and minimises login information required by users.

File Transfer

Exchange Services

GEO & Location Services

Application Management

Dashboard & Reports

Corporate LAN Secure Access

Content Management

Contact Management

Integrates with Mission Critical Tools

Secure Email

Device Management

Secure Voice & Messaging

*Accreditation up to SECRET has been achieved by working with the customer and their accreditor

SERBUS SECURE™

Components

Modular components of the core include:

✓ On-premise, or hosted, pre-configured server stack
✓ Hardware and airtime supply
✓ Device management, hardening, reporting and compliance
✓ Application management
✓ VPN tunnels (Utilising Suite B / Prime algorithms)
✓ Data encryption at rest and in transit
✓ Dynamic, compliance based, access control
✓ 2-tier offline root Certificate Authority
✓ Fully managed service

Flexible core

Functionality

The Serbus eco-system provides options for a secure communication environment that includes:

✓ Simplified device enrolment
✓ Per App VPN
✓ Voice, messaging and file transfer
✓ Content management
✓ Access to mission critical business tools
✓ Exchange services, email, contacts, calendar, notes
✓ Secure contact management
✓ Reading and generating of content
✓ Discretion and obfuscation

Secure eco-system

Secure Foundations

Built from the ground up, using best practice:

✓ List-x company with security cleared personnel
✓ NCSC recommended systems architecture
✓ Off line Key Management (CMS & Root CA)
✓ System infrastructure is physically protected
✓ Hardened Linux operating system
✓ CPA products where possible
✓ Latest cryptographic algorithms (Suite B / Prime / MIKEY-SAKKE
✓ Boundary monitoring & intrusion protection

Best practice

Integration Points

Multiple integration points into the customer infrastructure, include:

✓ Custom business applications using any transport protocol to customer service
✓ CMIS and SMB/CIFS/AFP compliant content library access (via per app VPN)
✓ LDAP compliant directory access for user management
✓ Exchange ActiveSync (EAS)

Fully integrated

ABOUT SERBUS

Serbus has a proven track record in the delivery of highly secure mobility solutions for use by the UK MoD, UK Government and oversees organisations.

The Serbus team is security cleared (SC/DV) and formed of highly talented specialists with backgrounds in military Special Forces, cyber security and mobile networking.

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