

## **MOBILE O-S AND SECRET REQUIREMENTS**

1. **Single Statement of User Need (SSUN):** deployed operational users require PED communications (voice and data) delivered through an Enterprise Mobile-Management (EMM) solution, capable of operating at O-S or SECRET, with full audit, monitoring IoC and IR; REDACTED NATIONAL SECURITY FOIA 2000.

### **REDACTED NATIONAL SECURITY FOIA 2000**

#### **Projects AFANC/BAROG**

Pj AFANC, delivered through MilTech, provides a communications architecture which will satisfy the EMM element of the SSUN. It is used as an experimentation platform by MilTech and DMed. One of the experimentation threads is to identify the security measures necessary to raise the accreditation to SECRET REDACTED NATIONAL SECURITY FOIA 2000. At this point the SECRET operational network system will be known as BARFOG and Pj AFANC will endure as an O-S experimentation platform.

2. Pj BARFOG is mutually dependent on REDACTED NATIONAL SECURITY FOIA 2000.

#### **Key User Requirements**

3. The requirements described here refer to the AFANC/BARFOG communications architecture. Annex C contains high level use cases describing BARFOG transportation. Full requirements for AFANC/BARFOG communications architecture are included at Annex D. The Key User Requirements (KURs) are:

a. Near real time Protective Monitoring (PM) of the Mobile Device Management (MDM) service to support IR, with security cleared staff connected to PJHQ for the active management of incidents.

b. A service that is monitored and managed by the service provider and where failover options are available to meet operational demand should network failure be experienced.

c. A pre-configured PED, which is configuration managed by the service provider using role-based profiles. The Mobile Device Management will be actively monitored and defended. Should a breach of the MDM occur, it shall be 'flattened' and 're-built' with availability managed via failover infrastructure.

d. **REDACTED NATIONAL SECURITY FOIA 2000**

e. Access to and exploitation of data within the UNCLAS (internet) to SECRET (BARFOG only) domains from a single PED.

f. Appropriately controlled direct access to wider Defence network at O-S (MODNet) and appropriate access and exchange at SECRET (BARFOG only).

g. Provision of a suite of applications, spanning security domains, accessible via a single device to support both Situational Awareness, analysis and operational productivity.

- h. Access to a flexible and scalable hosting environment for enhanced data fusion between applications and external data stores, to enable decision advantage 'at the edge'.
- i. Access (reach-down) to an obfuscated low-attribution internet connection for fusion of open-source information.
- j. Connectivity through commercial communications bearers of opportunity (3/4/5G and Wifi).
- k. A solution that allows for procurement of PED without the need to compromise their operational or personal information in Theatre. The supply chain model should create the conditions for end-to-end logistical communication.
- l. A solution that allows PJHQ and JFHQ to deploy the capability without the need for approval from higher authority to ensure they can respond dynamically as operational demands emerge.