



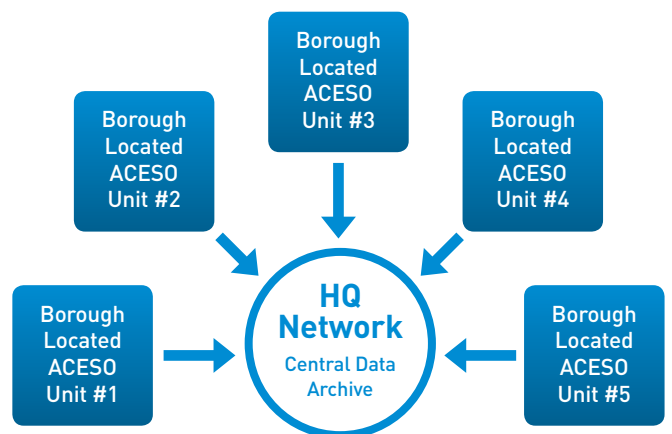
NETWORK SOLUTIONS – SECURELY CONNECTED

THE MOBILE PHONE FORENSICS CHALLENGE

The number of mobile devices in circulation continues to grow and so does the challenge this presents for investigating officers and crime managers. This 'big data' problem is exacerbated by the increasing popularity of Smartphones, with global sales forecast at 650 million units in 2012. Associated with this growth there is a corresponding surge in the amount of data stored and the need to secure large numbers of digital evidential reports. Radio Tactics ACESO Network Solutions can address these challenges and facilitate controlled access to a rich pool of intelligence data.

NETWORK SOLUTIONS CONCEPT

The solutions enable secure connection of geographically deployed ACESO terminals to enable the storage of the data in a central archive.



Evidential integrity is maintained by ensuring that the ACESO units remain locked down and protected against malicious attack or information leakage by an internal firewall. Communication is only possible between secure validated ACESO client terminals and the central hub. A secure encrypted protocol has been developed to absolutely assure the integrity of the solution.

NEXT STEPS IN OPERATIONAL EFFICIENCY

When deployed to frontline users ACESO has been proven to successfully support investigations across all categories of crime delivering rapid actionable information.

A next step to further leverage on the initial investment and improve operational efficiency can be facilitated with an ACESO Network Solution. A central archive for this rich pool of mobile device acquisition data can generate time and cost savings associated with the creation of evidential discs. With all of this acquisition information stored in one central location, officers will be able to collaborate more easily and quickly retrieve records.

The installation of the basic archive capability can then be leveraged to link phone acquisition data into wider intelligence gathering investigations. Radio Tactics' technical consultants are available to help customers define appropriate next steps.



COMPLIANCE AND EVIDENTIAL INTEGRITY

Maximum protection and security

Various security mechanisms and other network processes are incorporated into ACESO Network Solutions. Additionally, Radio Tactics can work with customers to implement other specific security options which may be required by the hosting infrastructure.

- ▶ A secure encrypted protocol for the transfer of ACESO data to prevent interception or leakage of information
- ▶ Integration of the encrypted protocol into the ACESO export process to prevent unauthorised access or malicious attack
- ▶ Server processes to manage the incoming data to acknowledge and verify receipt of the data

BENEFITS
<ul style="list-style-type: none"> ▶ Network connection for distributed ACESO terminals ▶ Encrypted file format for secure data transfer over IP networks ▶ Easy integration into secure Force network infrastructure ▶ Secure repository for evidential reports – saves disc burning time and costs ▶ Simplified data management with secure back up capability

ACESO NETWORK SOLUTIONS IMPLEMENTATION STEPS

An ACESO network solution implementation will have dependencies related to the specifics of the hosting network, the IP infrastructure and envisioned use cases. Radio Tactics offers consultancy support to customers wishing to define and implement a solution bringing together all ACESO mobile device acquisitions and evidence reports into a central repository.

Experience indicates that a phased approach is vital to ensure a successful implementation that meets the requirements of all stakeholders. The diagram below illustrates the stages for a typical project engagement.

