

Systems Integration.
With Systems
Integration we combine
multiple technologies
into a coherent whole
for the public safety
market.



Public safety networks and infrastructure are complex systems that involve integrating different subsystems and technologies. Without knowledge of Systems Integration there is a risk that the end result will not meet your requirements.

Your challenge

Combining multiple technologies into a coherent public safety system is an essential part of information communications technology (ICT). However, lack of experience in Systems Integration poses a serious threat to projects, with real risks of cost and time overruns. This is exacerbated by increasingly larger and more complex systems involving many more new technologies and suppliers based across the globe. There is always pressure to deliver on time and any problems are best identified early to prevent them from having an impact on your deadline.

Our solution

If you do not have Systems Integration skills or want to avoid the risk of undertaking projects yourself, then consider our services. Our experts will help you understand the project timelines, milestones and outstanding risks. And by focusing on requirements-based testing, we ensure that your system meets all the requirements outlined in the contract.

Systems Integration is a challenging task and we can help your system meet all requirements and be delivered on time and on budget. Our experts will manage and supervise subcontractors, test subcomponents, build the system, and test its overall function. We can help in all public safety projects ranging from network build through to control room design.



The need to act

One of the biggest risks in Systems Integration is a significant overrun, both in time and money. Even when delivered, the system could be unreliable or ineffective: perhaps you wanted 20 functions, but the system only did 17 and just three of these reliably. If systems don't work properly, there's also a real danger that end-users become disaffected. Users typically don't like new systems, because it involves working practice change. If the system is unreliable then it can destroy the project in its entirety, because users will refuse to use it.

Why Airwave

We are focused on Systems Integration for public safety services and have experience in projects for both network operators and agencies. Our experience ranges from the very large with our own network deployment, to smaller projects for our customers, such as control room systems. Our experience in the public safety area means that we are fully appraised of their life-critical, security-sensitive nature, and all our work is guided by those principles.

Public safety and communications technology is all that we do. We have invested significantly in systems and processes that closely match our public safety customers' operational needs. Our solutions are designed to help you deliver maximum performance, maximum effectiveness and greatest return on investment. And we understand the operational needs of the emergency services and the impact that service failures have on police officer safety, ambulance reaction times and patient care, fire tender reaction times and personnel safety at the incident.

We own and operate the world's largest TETRA public safety communications network, which covers 100% of the population and 99% of the land area (230,000 square miles) of the UK using 3,800 base stations. We designed and built this secure mission-critical digital radio network for the UK Government and it is dedicated for the exclusive use of the UK's emergency services and public safety organizations. This national communications network was delivered six months early and on budget.

Over 300 public safety organisations and approximately 250,000 users now use us for their critical communication needs. We have unrivalled public safety experience of offering design, development, project management, implementation, maintenance and support of mobile communications solutions across multiple network bearers (TETRA, GPRS, GSM etc). Our comprehensive product portfolio includes radio and telephony services – voice, data, short messaging, devices, gateways, applications and air to ground communications.

Key benefits:

- **Transfer project risks**
- **Integrate new technologies**
- **Access specialist skills**
- **Keep to schedule and on budget**
- **Successfully manage multiple suppliers**

Find out more

To talk more please get in touch:

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Airwave has been awarded a Specialist Solutions framework agreement with Buying Solutions, having been successful during a competitive procurement process, fully compliant with EU directives. The framework agreement allows customers throughout the public sector to place orders for communications equipment and services with Airwave under standard terms and conditions of the agreement.

The telecommunications services described in this publication are subject to availability and may be modified from time to time. Services and equipment are provided subject to contract. Nothing in this publication forms any part of any contract.

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