



RESTRICTED SECURITY ACCREDITATION

LOW COST LOW RISK SOLUTIONS

INDEPENDENT EXPERT ADVICE

Providing RESTRICTED Wireless Solutions

SyFi Solutions provides secure wireless network (WiFi) solutions and advice. Our solutions are designed to meet your business needs and are guaranteed to meet UK Government RESTRICTED accreditation requirements.

Our solutions comprise of arguably the most secure, commercially available wireless hardware, integrated and configured by qualified network engineers to complement your existing network infrastructure.

We will ensure that the system is configured and documented correctly to comply with current MoD JSP440 security policy and the latest CESG standards.

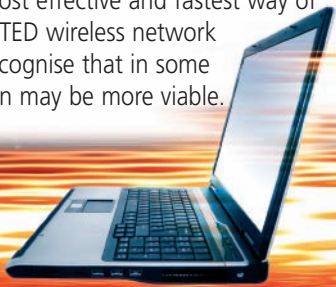
SyFi Solutions manages the end-to-end implementation and accreditation process to provide a supportable, wireless solution.

Achieving RESTRICTED Accreditation

SyFi Solutions will work with you and the Accreditor to agree the preferred method of deployment, whether this is through integration of additional crypto hardware or by applying CESG's 'Manual Y' process. Our consultants will make independent recommendations based on the latest MoD wireless standards and WiFi technology.

Wherever possible we will opt to implement the 'Manual Y', which is essentially a published set of standards created by CESG that permits wireless networks to be operated at RESTRICTED classification.

'Manual Y' is the most cost effective and fastest way of implementing a RESTRICTED wireless network solution. However we recognise that in some cases a hardware solution may be more viable.



Wireless Network Applications

Wireless networks or WiFi, enables workforce mobility and is acknowledged as an irreversible, global trend. The technology behind modern WiFi has developed at a remarkable pace to enable a host of practical applications beyond the traditional 'Hotspot'. Today we can create a wireless network that, for example, can provide real-time asset tracking and Voice over IP (VoIP).

Until now, the security aspects of implementing a wireless network have forced the defence sector to consider alternative and expensive solutions. Today's technology and processes provide the level of assurance required to implement a cost effective solution within a short timescale that is acceptable to you and the security Accreditor.



RESTRICTED WIRELESS LOGISTICS AND ASSET TRACKING

Gaps in the Logistics Chain

Most commercial logistics companies implement advanced technology to track their clients' goods. Clients demand and expect this service. However, applying these rules to the military is not as simple, when the information being tracking is sensitive. Thousands of tons of equipment are being moved around the MOD every day. The value of this equipment to MOD operations is huge and may ultimately affect the wellbeing of troops on the ground. Some

equipment is obviously more valuable than others, for example a Warrier APC in transit to the front line may, in future, save the lives of its passengers. It is therefore critical to ensure that this equipment is processed in the most efficient way.

The process of logistics tracking is complex and with large scale operations, assets invariably slip the net. Complex logistics systems are in place to manage this process and reduce the cost of these events occurring, but invariably there remains the potential for human error at every stage of the process.

Like with all complex processes, reducing the amount of human, manual intervention will result in fewer errors, assuming an appropriate alternative is used.

SyFi Solutions provides cost effective logistics and asset tracking solutions within secure wireless network perimeters to allow real-time, sensitive asset information to be managed at RESTRICTED.

Our Solution

Tagging valuable equipment with RFID tags is simple and inexpensive and could mean the difference between life and death. It is therefore important to implement RFID technology effectively, using the available, secure technology.

RFID tags can be located to within a few meters when within the boundary of the wireless network, which could cover several square miles.

The applications of this technology are vast. For example, assets leaving the range of a wireless network could raise alarms or initiate other events. Likewise, new and important kit entering a perimeter could be identified and tracked to ensure it is deployed quickly. It is even possible to track individuals within a wireless network boundary.

Our solution can be provided fixed price or on a time and materials basis and can include:

- A SyIT Survey to determine the most effective solution options and the effort and hardware required to complete the project.
- Facilitation of the system security accreditation process, including regular interface with stakeholders and project reporting.
- Creation of missing or incomplete security documentation and security advice.
- Gaining site approval for the installation, integration and configuration of a non-disruptive overlay wireless network.
- Implementation of RFID technology, including training.
- Testing and acceptance of the wireless network implementation.
- Provision of support and maintenance.

SyFi Solutions manages a multi-disciplined specialist team to deploy the wireless network with minimal business intrusion.



mobilising the workforce securely



SyFi Solutions provides best of breed secure wireless network solutions.

SyFi Solutions manages each client implementation, drawing together an experienced and skilled team at the right time to complete the formal accreditation process.



Our security partner was the first security consultancy to complete a 'Manual Y' RESTRICTED validation exercise with CESG. We will walk you through the security aspects and policy requirements and deliver the necessary accreditation documentation.

SyFi SOLUTIONS FEATURES

Project Management

- SyIT Survey (initial security, network and IT survey).
- Defence and security domain expertise.
- Management of accreditation process.
- Stakeholder engagement.
- Options analysis.
- Planning and reporting.

Hardware

- Non-disruptive overlay network.
- Secure 'identity aware' mobility system.
- Scaleable with low latency.
- RFID tag enabled.
- Voice solutions.
- One-stop solution for security, mobility, convergence.

Security

- CLAS consultants.
- JSP440 and 'Manual Y' expertise.
- Security documentation creation.
- Security aspects support and advice.

Systems & Network Engineering

- Network Design.
- Integration with existing network.
- Hardware and software configuration.
- Value add services (VoIP, performance tools).
- System test and acceptance.

Maintenance & Support

- Training.
- Helpdesk.
- Support.

Tailored solutions to meet your information needs.



Aruba Networks is SyFi Solutions preferred hardware provider due to their products advanced security functionality and scaleable features. The wireless network equipment is fully supported and proves excellent value. Aruba wireless network kit is used extensively throughout the US DoD and major blue chip companies.

Our system and network engineering partner has successfully implemented wireless solutions across many business sectors. The engineers are experts in their field and will deploy, integrate and support our state of the art equipment.

WHY CHOOSE SyFi SOLUTIONS?

SyFi Solutions specialises in providing RESTRICTED wireless network solutions for the defence industry.

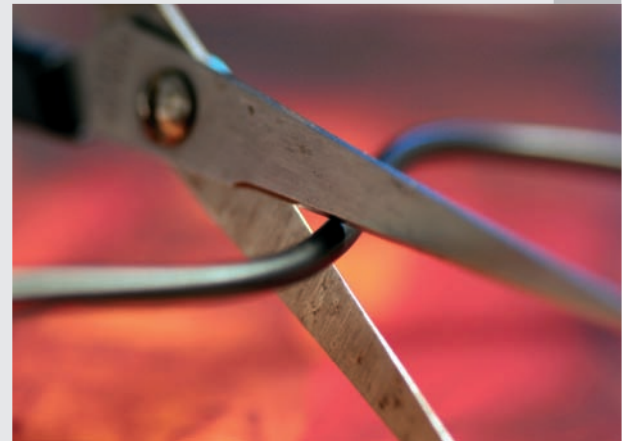
The SyFi Solutions team understands the security domain implicitly and specialises in implementations of the Governments 'Manual Y' process. We guarantee to deliver a cost effective solution that meets UK Government RESTRICTED accreditation requirements.

Our baseline wireless network solutions require the minimum in new hardware and offer a balance between user mobility and security.

SyFi Solutions draws together experts in security and wireless networking to deliver a fully accredited solution. The team includes Government certified CLAS security consultants, hardware specialists and system engineers.

Our chosen wireless network hardware partner, Aruba Networks, provides award winning hardware that is used extensively by the military in the US and several leading, global blue chip companies.

Our wireless solutions offer more than just wireless networking, for example: RFID, Voice over IP (VoIP), geo-fencing, and more.



To discuss your business needs or to learn more about how SyFi Solutions can enable your business, contact:



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