



## SECURE SOLUTIONS: DESIGN

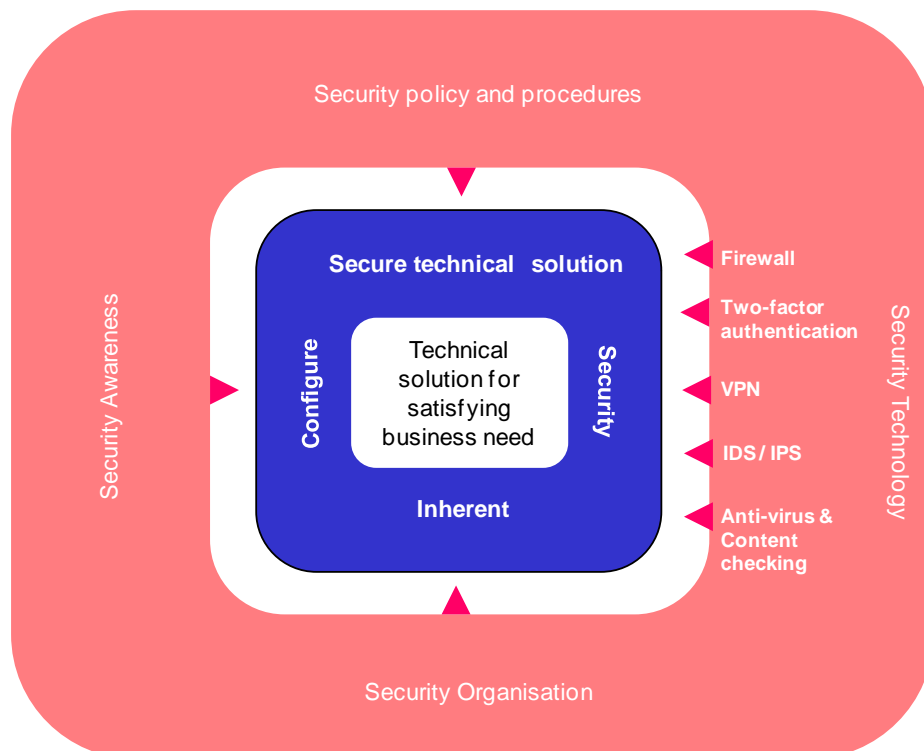
### Aims

In today's society organisations rely heavily on Information and Communications Technology (ICT) to support service delivery, and as such its protection is of critical importance. In addition advances in technology are offering organisations further opportunities to fundamentally change the way in which services are delivered, for example:

- Remote working from home (*via ADSL / Internet*)
- Outsourcing of 'back-office' services to India
- Roaming: Access to corporate applications/network (*via GPRS / 3G or WiFi / Internet*)
- Convergence (*telephony and data*)
- Mobile Commerce (*banking, gaming and shopping*)

### Client Engagement

In designing a solution to secure the use of a particular technology our consultants consider the physical environment within which it is operating, and the threats and risks to the Client organisation.



In addition to the requirement for technical security controls, our consultants recognise that policy and procedures, organisation (i.e. roles and responsibilities), and security awareness are also required for the Client to remain secure.

Our consultants also endeavour to ensure that the security solution:

- Re-uses /integrates with existing security capability (where appropriate)
- Is compliant with Industry /Government standards and 'good practice'

It should be noted that Advisec is independent of all security product manufacturers, which helps to ensure that 'full' benefits are received.

### **Consideration of Technology Issues**

The Infosec practice has practical experience of designing solutions to secure the following technologies:

- Workstation and server infrastructure (Windows and Linux/Solaris)
- Common application infrastructure, e.g. SQL, IIS
- Citrix
- Mobile and laptop platforms
- Wireless technologies including GPRS, WiFi and Microwave
- Network infrastructure (IP, DNS, DHCP)
- Active Directory
- RAS

In addition to deploying security controls as illustrated in the diagram, our consultants possess the knowledge and experience to configure security settings within the above infrastructure components.

### **Process and Execution**

A project initiation meeting is arranged immediately following contract award to agree amongst other things the: (i) Scope of the project, and (ii) Points of contact for interview, with regard to the business requirement and existing ICT infrastructure.

Our consultants subsequently identify options for implementing the business requirement, together with an associated security solution. Consultants liaise with the Client's representatives throughout the task, and in order to agree those option(s) for which a business case is required. These options are documented.

Finally consultants produce the business case.

### **Outputs**

Business case in both hard and soft copy formats (i.e. M/S Word), and including a description of the options for implementing business requirements.

Presentation of the key findings and recommendations (if required).

## Benefits to Client

Advisec delivers a professional service based on vendor independence and highly skilled consultants (CLAS, CISSP and ISO2700 auditors). Furthermore Clients may be assured of receiving the following benefits when engaging the secure design service:

- A secure solution
- A solution that satisfies the needs of the business (*including consideration of growth forecasts*)
- The most appropriate solution based on the technical solutions available (*advice is supplemented by the IT Infrastructure and Wireless Practices within Advisec*)
- Value for money

## Charging Basis

On application.

### Contact us:

Further details, including case studies, presentations and references are available from Nigel Strutt. Please call 01869 388011 or 07780 526195. Head office; 41, Barry Avenue, Bicester, Oxfordshire. OX26 2DZ. Email: [nigel.strutt@advisec.co.uk](mailto:nigel.strutt@advisec.co.uk)