

# SAINT - Security and Infrastructure Technology

**SAINT Methodology:** The four phases of the SAINT methodology can be deployed interdependently, or combined, depending on requirements and project life cycle. The tasks and technologies that are to be carried out under each of the four main SAINT phases include:

The **Assessment** phase provides a systematic and thorough **review** of each server, system and process, **looking for security holes**.

In the **Strategy and Design** phase, the **solutions** to secure the holes found during the audit are **designed**.

In the **Deployment** phase, the execution of **security solutions** from the Design phase are put into place.

The **Maintenance** phase provides continual review and modification of the environment to **ensure secure practices and systems**.

## Assessment

## Strategy and Design

## Deployment

## Maintenance

### Assessment

- Business and Technical Architecture
  - Policy
  - Authentication
  - Authorisation
  - Confidentiality
  - Integrity
  - Non-repudiation
- Configuration
  - Network
  - Servers
  - Software
- Penetration Assessments
  - Footprinting
  - Enumeration
  - Penetration
  - Exploitation

### Strategy and Design

- Standards and Policy
  - Develop
  - Publish
  - Maintain
- Secure Networks
  - Firewalls
  - VPNs
  - Secured Network Topologies
- Authentication Systems
  - Single Sign-on
  - Heterogeneous System Authentication Methods

### Deployment

- Implementation of Audit
- Implementation of Strategy and Design Findings
- Security Package Deployment
- Firewalls
- VPNs
- PKIs
- Routers
- Switches
- Single Sign-on Packages
- Authentication Systems

### Maintenance

- Ongoing Support Management and Maintenance
- Security Advisory Board
- Infrastructure Advisory Board
- Outsourced Security and Infrastructure Management

### What Is SAINT?

SAINT - Security and Infrastructure Technology - is the eFORCE Security Practice which offers customers world-class, comprehensive services that ensure a secure and reliable environment for their business. eFORCE has deep technical expertise in implementing security infrastructures and has diverse industry experience within Banking and Financial Services, Retail, Telecommunications, Hi-Tech, Manufacturing, Transportation, and Military/Government sectors.

### The SAINT Practice Includes:

- Symmetric and Asymmetric Cryptography Architectures
- Authentication and Authorisation System Architectures
- Public Key Infrastructures (PKI) and Certificate Authority Architecture (CA)
- LAN/WAN Architecture and Implementation
- High Availability and Disaster Recovery Architecture
- Unix Infrastructures (Solaris, HPUX, AIX, IRIX, Linux, BSD)
- Windows Infrastructures (NT, 2000)
- Security Assessments (Device Configuration, Business Process, Penetration)

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