## Security SME Survey Results

### Winners
- User identification and authentication
- Withstand targeted penetration attacks by skilled attack teams
- Incident detection and response
- System interfaces accept only valid input
- Articulate, maintain, and monitor system mission
- Security awareness
- Evaluate the extent to which systems are protected from known threats
- Physical and environmental protection
- Personnel screening and supervision

### More Important
- Segregate users into groups or roles for access control
- Software integrity preservation
- Due diligence in system and services acquisition
- Infrastructure risk assessment
- Security features that correspond to system functions
- Control over removable media
- Logs that verify that process designed to secure system is followed
- Certification, accreditation, and security assessments
- Quantify the value of assets at risk in system operation

### Very Important
- System recovery planning
- Security features required to maintain integrity over system interfaces
- System and software change control
- System output conforms to well-defined specifications
- Pass internal security review
- Maintain audit trails on use of system functions
- System-level risk assessment

### Still Important
- Progress in a management plan to secure system
- Use security standards as system requirements
- Successful execution of business continuity procedures
- Fail in denial of service mode
- Maintain integrity of interfaces through system development lifecycle
- Pass security audit
- System follows a commonly used architecture pattern
- Percentage of systems or components that have passed security configuration tests
- Pass regulatory audit
- Oversight of vendor maintenance
- Maintain values of standard security variables in system technical configuration
- Number of resources consumed in system security tasks
Security SME Survey Summary Results

Winners – System-level security functionality

Very Important – System maintenance processes

More Important – Component level controls

Still Important – Checklists and audit

All data available at: http://www.bayuk.com/thesis/