SECURITY LANDSCAPE AND SOLUTIONS

Find out how
JOS Consultants can help you.
# Cyber Security Framework

Today, the cyber security threats are increasingly sophisticated – whether it’s from devices, apps, data, networks or users, cyber-attacks can take many forms. JOS cyber security consultants can help you identify, protect, detect, respond and recover these threats.

<table>
<thead>
<tr>
<th>Asset Classes</th>
<th>Operational Functions</th>
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<tbody>
<tr>
<td><strong>Devices</strong></td>
<td>Identify</td>
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<tr>
<td>Workstations, servers, VoIP phones, tablets, IoT, storage, network devices, infrastructure, etc</td>
<td>Inventorring assets and vulns, measuring attack surface, baselining normal, risk profiling</td>
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<tr>
<td><strong>Apps</strong></td>
<td>Protect</td>
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<tr>
<td>The software, interactions, and application flowing on the devices</td>
<td>Preventing or limiting impact, patching, containing, isolating, hardening, managing access, vuln remediation</td>
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<tr>
<td><strong>Networks</strong></td>
<td>Detect</td>
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<tr>
<td>The connections and traffic flowing among devices and applications</td>
<td>Discovering events, triggering on anomalies, hunting for intrusions, security analytics</td>
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<tr>
<td><strong>Data</strong></td>
<td>Respond</td>
</tr>
<tr>
<td>The information residing on, traveling through, or processed by the resources above</td>
<td>Acting on events, eradicating intrusion footholds, assessing damage, coordinating, reconstructing events forensically</td>
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<tr>
<td><strong>Users</strong></td>
<td>Recover</td>
</tr>
<tr>
<td>The people using the resources listed above</td>
<td>Returning to normal operations, restoring services, documenting lessons learned</td>
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</tbody>
</table>

Source: National Institute of Standards and Technology

## Enterprise Security Solution Matrix

<table>
<thead>
<tr>
<th>Devices</th>
<th>Identify</th>
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<th>Detect</th>
<th>Respond</th>
<th>Recover</th>
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<tr>
<td><strong>Applications</strong></td>
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</table>

- **Identify**: Identity Access Management, Ant-virus
- **Protect**: Application Testing, Code Review, Web Application, Firewalls
- **Detect**: Endpoint Visibility and Control, Endpoint Threat Detection & Response
- **Respond**: DDoS Mitigation, Intrusion Detection System
- **Recover**: Document Right Management, Backup
JOS CYBER SECURITY

SOLUTIONS & SERVICES OFFERING
JOS is well poised to deliver a full-range of cyber security solutions to protect your business – from tailor-made assessment, different security technology implementation to a comprehensive long-term suite of consultancy and services.

- Enterprise/UTM Firewall, Network Access Control
- Web Application Firewall, Mail & Web Security, IPS/IDS

- Endpoint Security, Data Center Security, Application Control, Device Control
- Mobile Security, Data Leak Prevention

- Advanced Malware Analysis, Sandboxing Technology
- ATP for Endpoint, Web and Email

- Security Information Event Management
- Vulnerability Assessment & Pentest
- Security Device Management

- Identity Management, Privilege User Management
- Single Sign On, Multi Factors Authentication

- Endpoint, Data Center, SIEM, DLP, Firewall,
  IPS/IDS, ATP, Cloud Security

- VA/PT, Security Audit & Consultancy
- Security Architecture & Policy Review

- Security Incident Response & Remediation
- Device & System Management Support

- WAF, DDoS, Firewall, IPS/IDS
- SIEM, Endpoint, ATP

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CYBER ESSENTIALS

Cyber Essentials is a cyber security service pack specially assembled to help companies bridge the top 8 cyber security threats.

Prepare your workforce for phishing emails which contain ransomware
Find out your network abnormalities now

Be updated on the latest threats and trends
Know how you can respond to breaches or attacks

Be informed to make smarter cyber security investment
Scan your network before it’s too late

Make cyber security everyone’s responsibility
Be covered for your liabilities from cyber breaches and attacks
About us

With over 60 years’ experience in Asia, JOS is a systems integrator, solutions provider and technology consultancy with deep local and industry knowledge and an exceptional ability to execute. With 2,200 IT professionals working from nine offices across Asia’s major business hubs in China, Hong Kong, Macau, Malaysia and Singapore, JOS aims to improve the performance of business and governments across the region by applying the best technology to address their challenges.

JOS has extensive experience across a range of industries, more than 10,000 private and public sector customers in Asia, and core capabilities in cloud computing, big data, enterprise security, enterprise applications, mobility, next generation infrastructure and Internet of things. JOS is a division of JTH Group, a member of the Fortune Global 500-listed Jardine Matheson Group. For more information, visit JOS.com. Follow us: Facebook (JOS it solutions), LinkedIn (JOS) and WeChat (jos-china).