



## Build a Cyber Resilient Organization with Syntel

- The recent KPMG cyber-crime survey<sup>1</sup> suggests that more than two thirds of the global organizations today, indicate cyber security as their top five business risks. The Digital Age is bringing many rapid changes, including increased mobility, new customer connections, tighter supply chain integration, new sourcing models and new ways of exploiting bulk data.

The mesh of connected service offerings built on data, social, analytics, artificial intelligence and virtual reality is becoming more tightly integrated with businesses. As companies leverage this tightly-knit fabric of digital technologies, they face new cyber threats.

Gartner suggests that by 2020, nearly every business will have to report to their board of directors on cyber security and technology risk every year<sup>2</sup>. To beat the hackers at their game, enterprises must look beyond defense strategies and evolve into cyber-resilient entities. By adopting a cyber-resilient mentality, companies can detect incidents and react to threats swiftly.

### Syntel's Solution

At Syntel, we understand the threats posed by cyber-attacks, as well as the need to establish a resilience mechanism to safeguard customer data. Syntel's integrated approach to enterprise security helps you focus on your business needs while building greater customer trust.

We offer a comprehensive suite of offensive and defensive cyber security services, including consulting, architecture, implementation and support.

| Strategic Consulting  |  | Offensive Security*  |  |
|---|--|--|--|
| <ul style="list-style-type: none"> <li>• Security Strategy</li> <li>• Security Architecture Services</li> <li>• Awareness and Training</li> <li>• Assessment and Certification</li> </ul>    |  | <ul style="list-style-type: none"> <li>• Initial Assessment</li> <li>• Security Intelligence Service</li> <li>• Penetration Testing</li> </ul>    |  |
| Defensive Security  |  |  |  |
| <b>Application Security</b>  <ul style="list-style-type: none"> <li>• DevSecOps</li> <li>• Web Security</li> <li>• Cloud Security</li> <li>• Mobile Security</li> <li>• IOT Security</li> <li>• App Security Architecture</li> <li>• Threat Modelling</li> </ul> | <b>Identity Access Management</b>  <ul style="list-style-type: none"> <li>• IAM Lifecycle Management</li> <li>• Privilege Access Management</li> <li>• Identity and Access Governance</li> <li>• Identity Analytics</li> <li>• SSO and Federated Identity</li> </ul>                 | <b>Infrastructure/ IT Security</b>  <ul style="list-style-type: none"> <li>• VAPT</li> <li>• Malware Analysis</li> <li>• Endpoint Security</li> <li>• SOC/SIEM</li> <li>• IDaaS</li> <li>• Network Auditing (Firewall, IPS etc.)</li> </ul> |  |
| <b>Data Security</b>  <ul style="list-style-type: none"> <li>• Encryption</li> <li>• DLP</li> </ul>  | <b>Governance, Risk and Compliance</b>  <ul style="list-style-type: none"> <li>• GRC Design and Implementation</li> <li>• Framework Assessment and Implementation</li> <li>• Regulatory Compliance (NYDFS, GDPR etc.)</li> <li>• Standard Compliance (ISO, PCI-DSS etc.)</li> </ul> |  |  |

\*Syntel partners with **Code White**, a cyber-security firm which assess system vulnerabilities for cyber-threats, to provide a holistic vulnerability assessment, made from an attacker's perspective.

## Business Benefits and Value Ads

- Reduced risk cyber threats and vulnerabilities
- Real-time visibility into vulnerable systems and processes
- Increased efficiency due to process standardization
- Improved productivity through automation
- Adherence to regulations and privacy laws
- Reduced operating costs

## Why Syntel?

- Cyber security COE with the skills, processes, and latest technology expertise
- Integrity and ethics of its hand-picked employees
- SyntBots automation platform
- Focus on LEAN initiatives and value-added services

## Syntel's Experience

- **Automated secure code review** for a leading health insurance provider, with dynamic security assessment for 2,600+ web applications/services, and vulnerability testing for 900+ systems.
- **Encrypted 80 million database records** in 150 minutes and a 1 GB data file in less than 24 hours for a Fortune 100 financial services company.
- Improved user access and entitlement management operations with SyntBots automation for a **leading credit research company**. Handling 6,000+ tickets per month across 100+ applications, with a **50% reduction in MTTR and 30% ticket reduction**.
- **Implemented PCI data security standards** for a leading department store by masking sensitive data in reports and replacing card data with token numbers.
- **Assessed 16 cloud applications for vulnerabilities** for a leading financial services company. Detected 71 vulnerabilities, of which 35% were highly critical.
- **Improved security operations using SyntBots automation** for a leading credit research company's SOC operations. Achieved a 30% improvement in service ops, 25% MTTR reduction and 40% reduction in operating costs.
- Helped **scan hybrid iOS and Android mobile applications** for a leading financial services provider with automated testing and false positive validations.
- **Implemented data security controls to protect PII data** for a Fortune 500 payments company by implementing secure encryption of data in rest and in motion.

## About Syntel

Syntel (Nasdaq:SYNT) is a leading global provider of integrated information technology and knowledge process services. Syntel helps global enterprises evolve the core by leveraging automation, scaled agile and cloud platforms to build efficient application development and management, testing and infrastructure solutions. Syntel's digital services enable companies to engage customers, discover new insights through analytics, and create a more connected enterprise through the internet of things. Syntel's "Customer for Life" philosophy builds collaborative partnerships and creates long-term client value by investing in IP, solutions and industry-focused delivery teams with deep domain knowledge.

To learn more, visit us at [www.syntelinc.com](http://www.syntelinc.com)

1. KPMG Cyber Crime survey
2. <https://www.gartner.com/en/insights/cybersecurity>



For more information, visit Syntel online at [www.syntelinc.com](http://www.syntelinc.com) or call us at **US/+1 (248) 619-3503, UK/ +44 (0) 207-636-3587**