

A large, abstract graphic on the left side of the slide. It features a city skyline at night with glowing windows and lights, overlaid with a large, stylized orange 'Z' or '7' shape. The background is dark blue with a pattern of small white dots forming a curved shape.

K7 CYBER DEFENCE ASSESSMENT

Augmenting Enterprise Cybersecurity
by Improving Governance, Vulnerability
Identification, and Threat Response

|| www.k7cybersecurity.com ||

CYBER DEFENCE IS MORE THAN JUST TECHNOLOGY IMPLEMENTATION

Digital enablement is accompanied by digital risk, and effective enterprise cyber defence cannot be achieved merely by bolting on a technology product to existing operational practices. Digital transformation has to synergise with cybersecurity transformation to ensure that the organisation is secure by design and the People, Process, Technology framework is aligned with cybersecurity best practices.



K7 CYBER DEFENCE ASSESSMENT

K7 Cyber Defence Assessment delivers a start-from-scratch reimagination of enterprise cybersecurity, with a clear, actionable roadmap to progress from the current state to the desired end state by revamping three elements of cybersecurity.



FRAMEWORK

Assess

- ▶ Determine current state through interviews, surveys, and technical assessments
- ▶ Review documents pertaining to policies, procedures, and incident response plans
- ▶ Analyse logs to verify configuration, visibility, and threat detection

Develop

- ▶ Establish governance policies and procedures
- ▶ Implement effective internal and external communication mechanisms
- ▶ Enhance threat detection and response capabilities through analysis of intelligence operations
- ▶ Design cyber defence documents that include operational procedures, playbooks, incident response plans, intelligence, and threat hunting mechanisms





Improve

- ▶ Review cyber defence methods, identify weaknesses, and develop mitigation strategies
- ▶ Evaluate operational maturity and create plans for improvement and growth
- ▶ Enhance detection and response capabilities
- ▶ Verify effectiveness of revamped capabilities

Standardise

- ▶ Provide guidance on developing standards for threat intelligence operations
- ▶ Improve threat hunting and intelligence enrichment by evaluating the efficiency of intelligence sources and intelligence handling procedures
- ▶ Enhance incident response mechanisms by synergising intelligence sources and threat hunting processes

Train

- ▶ Conduct workshops to foster collaboration and knowledge sharing between departments
- ▶ Provide training to enhance the skills and awareness of relevant personnel

Evaluate

- ▶ Analyse effectiveness of incident response plans and procedures
- ▶ Conduct tabletop exercises to assess incident response strategies, decisions, and procedures

Test

- ▶ Conduct controlled attack simulations to evaluate the effectiveness of detection controls





Report

- ▶ Gap analysis
- ▶ Data and metrics
- ▶ Weaknesses and risks
- ▶ Remediation strategies
- ▶ Recommendations for improvement

Execute

- ▶ Support implementation of recommendations
- ▶ Continuously monitor progress and fine tune cyber defence strategies

Brief

- ▶ Provide technical briefings to technology teams
- ▶ Provide executive briefings to management

BENEFITS



Continuous Security Posture Improvement

Elevate cybersecurity to a dynamic activity that constantly outpaces the evolution of the threat landscape.

01

Derisk Operations

Focus on enhancing stakeholder value without worrying about the destructive impact of cyberattacks.

02

Improve Compliance

Avoid regulatory scrutiny and penalties with assured compliance across operating jurisdictions.

03

Improve Cybersecurity ROI

Direct investment towards high-impact areas to optimise the cybersecurity budget and improve returns on outlay.

04

THE K7 ADVANTAGE



30+ Years' Experience in
Cybersecurity



Industry Partnerships &
Leadership



912,500 Manhours of
Expertise



K7 Labs



Superior Methodology &
Processes

30+ Years' Experience in Cybersecurity

K7 was founded in 1991 as a pure play cybersecurity provider. K7 now protects more than 25 million users across 27 countries and has the extensive breadth and depth of cybersecurity expertise required to evaluate cyber defences across a wide spectrum of industries.

912,500 Man-hours of Expertise

K7's expert team is comprised of cybersecurity specialists who represent 912,500 man-hours of expertise in threat discovery, malware investigation, and attack remediation. K7's experts have the tools, skills, and perspective required to analyse enterprise IT as a cyberattacker would and quickly identify vulnerabilities. K7's team includes professionals with CCNA, CISSP, CISA, ISACA, CEH, CASP+, and OSCP certifications.

Superior Methodology & Processes

The methodology and processes followed by K7's team have been honed across numerous assessments of organisations operating in a wide variety of industries and jurisdictions, and are designed to be insightful, incisive, and actionable, enabling businesses to rapidly improve their cybersecurity posture and satisfy their compliance requirements.

K7 Labs

K7 Labs is one of the world's leading antimalware research and threat intelligence centres. The lab analyses hundreds of thousands of malware samples every day, has been the first discoverer of several malware, and is the first winner of the Real Time Threat List (RTTL) Contributor of the Year award from the Anti-Malware Testing Standards Organization (AMTSO). K7 Labs' state-of-the-art research facility enables in-depth investigation of, and the development of countermeasures against, any cyberthreat the modern enterprise might face.



Industry Partnerships & Leadership

K7's cybersecurity expertise is internationally recognised and has enabled K7 to form partnerships and collaborate with organisations that share our vision of cybersecuring the world.



Kesavardhanan J, the Founder of K7, also serves as the CEO of the Association of anti Virus Asia Researchers (AVAR) which fosters collaboration amongst international cybersecurity stakeholders.



The Global Cybersecurity Pioneer

India | Singapore | UAE | USA

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