KCYBER EXPERTS

“Simply Secure”

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ABOUT US

- The KCyber Experts Pvt. Ltd. (KCE) (formerly known as Prevoyance Cyber Forensic Pvt. Ltd.) was established in 2016 to provide Cyber Security, Cyber Forensic, Human Resources Outsourcing Services and Education to public/ private entities and Law Enforcement Agencies for the prevention and investigation of high–tech crimes.
- KCE started with a goal of addressing the gap between the tech and its user as well as shrink disparity in realtime.
- We are original pioneer in this field in central India at the time, assisting clients across the India.
- Since the inception we have worked closely with Law Enforcement Agency (LEA) updating their workforce with accordance to advancement in technology of Cyber Security and Cyber Forensic.
- KCE has played a pivotal role to assist dozens of Banks & Private Organization updating, managing and Complying with the Reserve bank of India Guidelines & International Standards such as ISO27001, NIST, SLA Compliances etc.
- KCE has helped private entities, individuals & Corporate in advent of Cyber attack and navigating them to work around to fend of the bad outcome and even recover as it is before attack/ Incident.
- KCE is partners with EC-Council from New Mexico, USA to achieve goal of providing highest quality of Training, Certification & educating Students, Government workforce & IT professionals.
- KCE has state of the art Security Operation Center (SOC) which is 24*7 actively Monitor, Prevent detect, Investigate & respond to Cyber Threats.
- KCE strive to provide cutting-edge solutions tailored to meet the unique needs of clients.

VISION, MISSION & CORPORATE VALUE

VISION:
The primary vision of KCE is to initiate a coordinated effort to build the cyber security workforce and provide a cutting–edge cyber security services as well as cyber forensic services. We cover the entire security & Forensic spectrum, making it a one-stop solution protecting all your information security assets/needs

MISSION:
KCE aims to prevent Cyber-Crimes to protect the future of the public/ Private entities and become the most trusted improvement partner. Aiming excellence by providing guaranteed customers satisfaction keeping confidentiality in mind

CORPORATE VALUE:
According to the present–day scenario, the future of various to almost every kind of businesses lies within a digitally connected world. Thus, to protect any such business running at the risk of overexposure and vulnerability, the current mantra is: “If it’s connected, it must be protected”

- **EXCELLENCE**
- **INTEGRITY**
- **ATTITUDE**
- **VISIONARY**

Cyber Security Audit

- **Comprehensive list of identified vulnerabilities, their severity levels, and potential impact on the systems or networks. Use a structured format, such as a vulnerability matrix, to categorize and prioritize the vulnerabilities based on their risk levels.**
- **Exploitation of vulnerabilities, compromised systems, and potential paths of lateral movement. Include details about the techniques used, the extent of access obtained, and the impact of successful attacks.**

Web Application Security	Mobile Application Penetration Testing	Network Penetration Testing	Information Security Audit
Application security service finds flaws in your websites' code and business logic while giving you step-by-step instructions and specific advice	Examination of mobile apps, assessing their security posture and detecting potential security issues.	Designed to evaluate the security of your network, identify weaknesses, and provide actionable recommendations to enhance your overall network security posture	In practice for compliance based information security management systems for many clients starting from multi-nationals and governmental bodies.

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Cyber Security Audit

API Testing

End-to-end API testing and assessment, delivering useful insights to improve API functionality, security, and performance.

Compliance Audit

Compliance audit is a review of an organization’s procedure and operations to assess whether it meets the regulatory requirement for its industries and geographics region. E.g.: Regulatory body such as RBI, SEBI, etc.

System Audit Report (SAR)

Data Localization (SAR) & Storage of Payment System Data is a compliance requirement put out by the RBI

IOT Security

Assess and enhance IoT security by checking device connections, ensuring strong passwords, and keeping software up-to-date to protect against potential cyber threats.

SCADA Audit

SCADA is a technology that allows industries to remotely monitor and control their processes for improved efficiency and safety.

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Network Infrastructure Management

- Assessing the effectiveness of network controls, identifying vulnerabilities, or evaluating compliance with security policies and standards
- Network scanning, vulnerability assessments, penetration testing, policy reviews, and interviews with relevant personnel
- Evaluate the network's compliance with relevant security standards, such as ISO 27001, NIST Cybersecurity Framework, or industry-specific regulations.

IT Restucturing Management	Firewall Implementation	IT Infrastructure Design	Data Center Setup
IT restructuring management is like rearranging and optimizing the digital setup of a company to make it work better and align with its goals.	Comprehensive protection for your network infrastructure, ensuring that only authorized traffic can enter and exit your network.	IT infrastructure design is like creating a strong and efficient foundation for computer systems and networks to help a business run smoothly.	Setting up a data center involves designing and implementing a secure and efficient infrastructure with considerations for power, cooling, networking, security, and monitoring

Security Operation Center as a Service (SOCaaS)

- SOC detailed information on security monitoring activities, including log analysis, intrusion detection system (IDS) alerts, and security event correlation
- Any suspicious or anomalous activities that have been detected and provides insights into potential security threats
- Behavioral analysis performed by the XDR solution, which monitors endpoint activities and identifies suspicious behavior. Uncover potential insider threats, zero-day attacks, or advanced persistent threats (APTs).

Realtime Monitoring	Extended Detection and Response	Incident Response	Data Loss Prevention (DLP)
Real-time monitoring is like having a live digital radar that instantly alerts you to anything happening in your system.	XDR is like a digital security superhero that connects the dots from different sources to quickly catch and respond to cyber threats on your computer systems	Incident response is to effectively and efficiently respond to security incidents, such as unauthorized access, data breaches, malware infections, DOS attacks, or system compromises.	DLP is a complete cybersecurity solution that assists organizations in protecting sensitive data and preventing data loss or leakage

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Security Operation Center as a Service (SOCaaS)

Security Information & Event Management	Vulnerability Management (VM)	Vulnerability Assessment	Risk/Threat Intelligence
SIEM is like a smart security system that keeps an eye on your digital activities to quickly spot and respond to potential security issues.	Vulnerability Management is like regularly checking and fixing potential security weak points in your digital systems to keep them safe.	Evaluation of the system to assess susceptibility to any known vulnerabilities, assigns severity levels to those vulnerabilities, and recommends remediation or mitigation	Risk/ Threat intelligence is like staying informed about possible dangers online to better protect against them.

Security Orchestration, Automation & Response	User Entity Behavior Analytics (UEBA)	Network Behavior Anomaly Detection	Intrusion Detection System / Intrusion Prevention System
SOAR is like a digital assistant that helps quickly and efficiently respond to and manage cybersecurity incidents.	UEBA is like a cybersecurity detective that watches how users and systems behave to catch anything out of the ordinary on the computer network.	A digital watchman that keeps an eye on the network, looking for unusual activities that might signal a cybersecurity threat.	IDS/IPS is like a digital security guard that watches for and either warns about (IDS) or blocks (IPS) unauthorized activities on your computer network.

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Cyber Forensic

- Evidence collection procedures, forensic analysis tools and software, and any specialized techniques employed to extract and analyze digital evidence.
- Document the chain of custody for the collected digital evidence,
- Present the findings of the forensic analysis conducted on the collected digital evidence.

Mobile Forensic	Network Forensic	Data Wiping
Mobile forensics is the process of recovering digital evidence from mobile devices using accepted methods	Network forensics is a deals with the examination of the network and its traffic going across a network that is suspected to be involved in malicious activities, and its investigation	Data wiping is like a digital shredder that permanently deletes information from a device, making sure it can't be recovered when you dispose of or sell the device.

Cyber Forensic

Image/Video Forensics

Image and video forensics are like digital detectives that scientifically analyze photos and videos to reveal the truth and identify any potential changes or manipulations.

Financial Fraud Analytics

Financial fraud analytics is like a digital detective that uses data analysis to catch unusual patterns and prevent fraudulent activities in the financial world.

Social Media abuse/Misuse/hacked

Social media account activity which leads misuse and hack can be analysed and relevant data can be gathered to gain access back to accounts & create legal digital evidence for relevant authorities

Cybercrime Consulting

Cybercrime consulting is like hiring a digital detective to help you protect against and respond to online threats or criminal activities.

Disk Forensics

Disk forensics is like a digital detective examining a computer's storage to find evidence, track activities, and understand its history for legal or investigative purposes

Data Recovery

Process of restoring data that was lost/corrupted with the help of advance tools

Other Services

- Gathers information about the target organization using publicly available information, open-source intelligence (OSINT), etc.
- A series of simulated attacks using various techniques, such as social engineering, phishing, network exploitation, application-level attacks, or physical intrusion.
- The team prepares a comprehensive report detailing their findings, attack methods, and recommendations.

Red Team	Blue Team	Identity and Access Management	Risk Assessment	Cloud Security
Proactive and simulated approach to assessing the security of an organization's systems, networks, or facilities	Defensive side of cybersecurity, with the goal of safeguarding & defending an organization's systems, networks, and data against possible attackers	IAM is like a digital gatekeeper that controls who gets access to what in the online world.	Risk assessment is like foreseeing and understanding possible problems so you can make smart choices to prevent or minimize them	Cloud security is like ensuring a safe and locked digital space for your data and online activities.

Training and Certifications

- Training provide structured learning experiences, equipping individuals with practical skills and knowledge in specific fields
- Tailored Approached of Training/ Seminar help in addressing every level of Non-Technical, Technical, Management & C-Suite
- Certification validate expertise, boosting confidence and enhancing career opportunities by demonstrating a commitment to continuous education and professional development.

Certified Security Specialist (CSS)	Certified Ethical Hacker (CEH)	Computer Hacking and Forensic Investigation (CHFI)	Certified Penetration Testing (CPENT)
CSS focuses & enhances skills in Information Security, Network Security & Computer Forensics	Certification for digital superheroes working towards enhancing skill to uncover Vulnerabilities & secure Networks, Applications, databases and much more	Metrological approach driven for Digital Forensic & Evidence Analysis	Step towards advanced skills to find and fix vulnerabilities in computer systems and networks.

Training and Certifications

Certified Network Defender (CND)	Certified SOC Analyst	Certified Incident Handler (CIH)
Designed as a digital shield that defends computer networks by monitoring, analyzing, and responding to cyber threats.	Designed to enhance skill towards joining Security Operation Center	Program Focus on organizational incident handling and response

Certified Threat Intelligence Analyst (CTIA)	Certified Disaster Recovery Professional (CDRP)	Certified Security Specialist (CSS)
Program empowers with techniques and tools to detect, engage and neutralize Cyberattacks in real-time.	Educates and validate ability to plan, strategize, Implement and Maintain a business continuity and disaster Recovery plan	Enhance skills in Information Security, Networks Security, Computer Forensic

CCTV & Surveillance Services

- **CCTV & Surveillance System uses Access Devices, Records, Video Cameras to monitor and record images of people, vehicles, and activities in real time or for later review. CCTV signals are transmitted to a limited set of monitors or recording devices**
- **Broadly categorized in two services**

Intelligent Traffice Management System

A sophisticated integration of technologies, algorithms, and sensors designed to optimize the flow of traffic, enhance safety, and reduce congestion on roadways

Premises Surveillance & Access Control System

Designed to evaluate the security of your network, identify weaknesses, and provide actionable recommendations to enhance your overall network security posture

Intelligent Traffic Management System (ITMS)

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01 Red light Violation Detection
Video based Evidence Capture Mechanism with Number Plate Detection

02 Speed Violation Detection
AI-ML based Speed Violation Detection System

03 Wrong Way Detection
Signs-off for opposite Direction Driving to Predefined Direction

04 Enforecement System
Leveraging Computer Vision, Deep Learning, and Machine Learning to Detect Violations like Over-Speeding, and lane indiscipline

05 No Parking Detection
Instantly identify Illegally Parked Vehicles, Sends Immediate Alert to Enforcement Department

06 Vehicle Speed Display System
Leverages Radar Technology to Detect Speed for Realtime Display & Issuance for Traffic Tickets

07 Vehicle Congestions & Incident Detection
AI-powered System Detects Disturbance & Accidents

08 No helmet Detection
Automated Detection of No Helmet Violations & Seat Belts

09 Automatic Number Plate Recognition in multi-Languages

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Premise Surveillance

Remote Monitoring of Premises

Gather feed from within Premises and Geographically Distant Location to centralized centre

Playback & Investigation of events

Advanced Video Analytics Playback features to Detect Intrusion, Tripwire, Missing Objects & Other Features

Customized Role based Footage & feature access

Distributed Architecture with Centralized Configurations, User based Login roles, Audit Trails

Instant Notification

SMS & Email notification to assigned personnel

Integration with Incident alarms & Access control

Seemless Integration with Third Party Hardware & Software

Cyber-Secured Surveillance

Encryption, Secure Authentication ensuring with Cybersecurity Standards

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Access Control System

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User, Zone & Time-Based Access Control

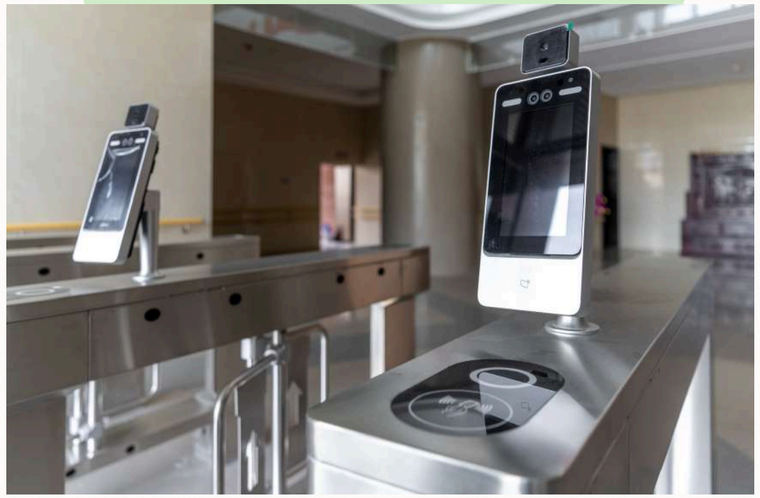
Precise control over user access, determining who can enter specific Access Zones and when they can do so

Higher Scalability & Reliability

Supports more than 100K users and 60K Devices at once

Advance Access Control

Designed to protect critical infrastructure and area



Instant Notification

SMS & Email notification to assigned personnel

Integration with Incident alarms & Access control

Seemless integration with third party hardware component

Centralized Monitoring & Control

Live status of all devices & interaction

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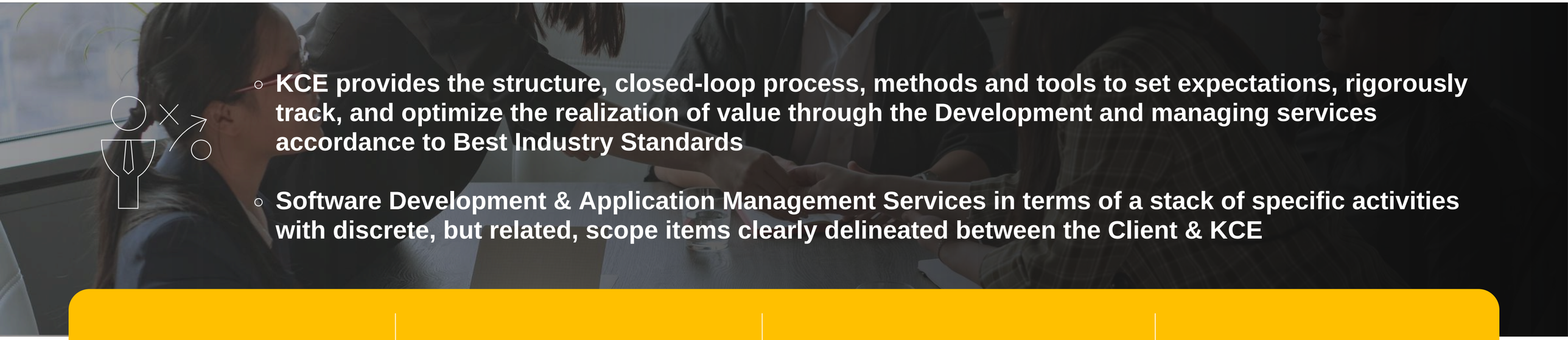
Software Development & Management Services



- **KCE provides the structure, closed-loop process, methods and tools to set expectations, rigorously track, and optimize the realization of value through the Development and managing services accordance to Best Industry Standards**
- **Software Development & Application Management Services in terms of a stack of specific activities with discrete, but related, scope items clearly delineated between the Client & KCE**

Flexibility & Scalability ability to meet varying business demands giving economies of scale

Better Predictability of Spend - Ability to plan/ Budget effectively based on Short Term & Long–Term planning

Meet Unforeseen Demands - Ability to address any unprecedented spurt in demand with minimal increase in costs

Improved Customer Satisfaction – SLA based performance measurement

Esteemed Client

KCE has worked with

Infosys

HCL

Capgemini

accenture

PINNACLE
LET'S REACH OUT

Ciferon

UBS

Ceinsys

TIRUPATI BANK
TIRUPATI URBAN CO-OP. BANK LTD.

BASE4
Architects | Engineers | Designers

& many more

Esteemed Client

KCE has worked with Government Entities

TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED
(A Government of India Enterprise)

MOIL LIMITED
(A Government of India Enterprise)

RailTel Corporation of India Ltd
(A Miniratna Category - I Enterprise)

CYBER POLICE MADHYA PRADESH

Income Tax Department
Ministry of Finance
Government of India

DGGI

& many more

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Thank You

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