eCore Techno Solutions Pvt Ltd

www.eCoreTechnoS.com

HackingTechnologies Powered by eCore

www.HackingTechnologies.com

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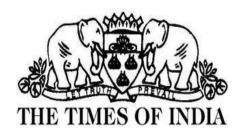
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eCore Featured In

Few of the Clientele

Including
Ministry of HRD, Government of India
CDTS, Ministry of Home Affairs, Government of India

a few more…

Few of Our Corporate Testimonials:

GoSocially - Mr. Avinash Gavali, CEO e-Arth Solutions Pvt Ltd - "The Secure Testing Reports was extremely well presented and very relevant to our needs, overall-excellent."

IntelloMatrix - Mr. Deepak Gupta, Managing Director – "Great CERT Training, excellent instructor and will definitely be recommending it to other staff, will also be putting the tips on 'controlling my day to good use – Excellent"

Zeustek Inc- Mr. Vinay Gupta, Founder – "We would rate the Secure Web app development 10 out of 10 and would highly recommend to others, the expert developers managed to get excellent secure coding right from the beginning till delivery. We are happy to get secure app within decided SLA."

Maximess- Mr. Praful Lichade, Co-Founder & Director – "The recommended Cyber Security Audit services was extremely beneficial, I will be putting in to practices the policies learned, the consultant was very helpful and explained everything clearly including questions from the staff."

Testimonials from a few of our Client's from the Government Department
(Copies Enclosed)

1. Central Detective Training School, Ministry of Home Affairs, Government of India.
2. NITTTR Chandigarh, Ministry of HRD, Government of India.
3. J & K Police Department

Our Passion (what we do?)

Globally, Cyber Threats & Cyber-attacks are on the rise, we all realize it and yet are not doing enough. Cyber Security is now turning into a major concern for every business be it a startup, SME or a giant. Our Cyber Security Experts guide the organizations in safeguarding all its information assets with the right approach to Cyber Security.

In short, eCore secures you both from EXTERNAL & INTERNAL THREATS. Be it a Cyber Attack on your Web application, Network, Cloud etc or any Internal attack like data security breach, source code theft & cyber sabotage etc. To ward off the external threats, we ensure security solutions are properly implemented for Web application, Network, Cloud via Pen testing, Security Audit, and Cyber Security Lab. At the same time, our eCoreSuite which is a "COMPLETE INSIDER THREAT MANAGEMENT SOLUTION" takes care of all your Web Filtering, Employee Monitoring, and Data Loss Prevention & Lost/Stolen laptop data recovery needs.

Today business operates in a dynamic digital environment where timely information is the key to chalk its destiny. To implement organization's vision, business leaders look at technology as an enabler that needs to be synergized with business strategy. As technology plays a pivotal role in achieving business objectives it also makes us realize that information assets needs to be protected to stay competitive.

We at eCore partner with our clients to protect their information assets while they achieve their business goals.

eCore is a Brand that is focused on Client's Requirement…
- Our strategic approach to Cyber Security and implementing solutions is recommended by Market Leaders from across the board in various industries.
- Our Global clientele showcases our outreach and skills to implement the tailor made solutions.
- Every new technology implementation for increasing Business Growth comes with myriad of useful features but if not implemented correctly, increases the CYBER SECURITY THREAT for the organization.
- We enable security solutions as per the requirement &ensure that the security policies are adhered in proper manner to protect our clients from both External & Internal Threats.
- Our expert panel team with loads of experience working with global leaders is armed with gamut of global certifications.

Our Services

eCore is a boutique consulting outfit that specializes in the following areas:

eCore Techno Solutions

- Cyber Security Labs Consultancy
- Corporate Cyber Crime Investigation & Cyber Law Consultancy
- CERT (Computer Emergency Response Team) Consultancy
- Secure Coding & Development
- Web App Penetration Testing
- Privacy Consulting Practice
- Medical Compliances

HackingTechnologies
"Assure Network Security Solutions"

- Wireless Security Testing & Hardening
- Network Audits & Risk Analysis
- Website VulnerabilityTesting
- Cloud Security Consultancy
- Network Architecture Assessment

eCore Services

Cyber Security Labs Consultancy

Cyber Security - measures taken to protect Cyberspace.

Cyber Labs can be used for the following objectives:
1. Cyber Security Research & Development Centre
2. College Curriculum
3. Professional Job Oriented Certifications
4. eGovernance "Earn while Learn"
5. Organization's own Cyber Security
6. Cyber Entrepreneurship

Cyber Crime Investigations & Cyber Law Consultancy

Cyber Crime Investigation entails

Collecting | Analyzing | Investigation | Report Submission of Digital Evidence & Cyber Trails

The evidences for Cyber crime investigations can be collected from computer hard disks, Pen drives ,CDs, DVDs etc any External Hard Drives, Computer Networks, Cell Phones and the Internet, Microwave Oven to name a few.
eCore cyber investigative services are focused at solving critical Cyber issues that affect companies and individuals that need to be handled effectively & efficiently.

eCore has expertise at solving crimes related to:

Cyber Defamation || Pornography || Phishing Attacks || Email Hacking & Hijacking || Denial of Service || Online Banking || Share Trading || Credit Card Fraud || Tax Evasion || Money Laundering || Virus Attacks || Cyber Sabotage || Source Code Theft || Domain Name Violation || Trademark/Copyright Violation || Legal assistance in Corporate Litigations || Online Gambling || Cyber Stalking || Cyber Space Predators || Digital Reputation || Cyber Spamming and lot more…

CERT (Computer Emergency Response Team) Consultancy

eCore provides comprehensive services aimed at identifying security incidents, preventing the spread of damage and post-incident recovery. It includes the following:

- CERT Team Building across Organization
- Information Technology Forensics
- Global Emergency Incident Response
- Digital Forensics Investigations
- Proxy Server Log Analysis
- System Log Analysis
- Consolidated Log Environment Development
- Monitoring Systems
- Response Posture Guidance
- Executive Mentoring
- Training

Secure Coding & Development

We understand the importance of integrating security early into the application development life cycle so that it produces more secure, robust applications at a lower cost.

A common misconception is that applications should be secured after they are developed but before deployment to the production environment. Performing a security audit after they are completed typically results in massive amounts of security flaws. Some of these flaws can involve serious architectural issues. Performing application security in this manner is incredibly expensive and time consuming. Integrating security into the early phases of the software development life cycle neutralizes this cost and produces more secure applications in far less time.

eCore measures the maturity of your application security efforts and provides comprehensive services aimed at developing secure applications.

Web applications
- Development and Reverse Engineering
- Quality Assurance
- Maintenance & Support Services
- Migration Services

Mobile Applications
- Android

Web App Penetration Testing

eCore penetration testing and vulnerability assessment services are boutique solutions to the customer. As the Internet is penetrating more & more in every walk of life the risk of security breach is also increasing day by day.

eCore Web App Penetration Testing process comprises of the following:

- Signing NDA (Non Disclosure Agreement) with our client
- Analysis of requirements by our Business Analyst Team
- Requirements freeze after mutual discussions
- Pre-assessment activities and final report of scope plus requirements/assumptions will be provided
- Starts final web vulnerabilities Testing on the application
- At the conclusion of Testing, a report is generated with all detailed flaws along with the recommended solutions for the reported issues

eCore Web Pentesting Covers the following:

- Verification of Injection Flaws
- Verification of Cross-Site Scripting (XSS)
- Verification of Revealing sensitive information
- Verification of Insufficient Transport Layer Protection
- Verification of Security Misconfiguration to determine web application integrity

Privacy Consulting Practice

In a glocalized environment trans-border data flows throw myriad of challenges at corporations who outsource processing of personal data. There is a growing awareness among organizations to protect personal information of its employees and customers. We work with our clients to educate them on regulatory requirements that impact collection, processing and disclosure of personal information.

eCore offers the following Privacy services

- Conduct Privacy impact assessments
- Conduct Privacy audits
- Develop Privacy policy and architecture
- Implement privacy architecture
- IT Audit & IT Advisory
- Privacy incident management
- Enterprise Risk Management

Medical Compliance

Medical Compliance is to ensure that information security becomes a core pillar rather than an obstacle to, the broad adoption of health information systems & exchanges. All organizations within the healthcare industry currently face multiple challenges regarding the information security.

These challenges include:

- Section 43A of the Information Technology Act, 2000 has defined reasonable security practices and procedures to be followed by those possessing, dealing or handling sensitive personal data or information
- Public & regulatory concern over the increasing number of breaches in the industry
- Redundant & inconsistent requirements & standards for healthcare organizations
- Inconsistent adoption of minimum controls
- Inability to implement security in medical devices & healthcare applications
- Rapidly Changing business, technology & regulatory environment
- Ineffective & inefficient internal compliance management processes
- Growing risk & liability associated with information security as per amendments in Indian IT Act 2000 (Cyber Law)

eCore understands these concerns of security & offers Medical compliance consultancy services which will help healthcare organizations to implement information security.

Our Upcoming Services (NEW) to be launched soon

Security Audits like ISO 27001, 27002, COBIT
Enterprise Security – End to End Security Solutions

HackingTechnologies Services

Wireless Security Testing & Hardening

Wireless networks are becoming easy targets for criminal hackers, corporate spy agencies and cyber spammers. A wireless network, are more vulnerable to provide an entry door to organization's IT infrastructure. A complete wireless security assessment requiring identification of the wireless vulnerabilities present in the current system.

HackingTechnologies Wireless Testing will do:

- Verification- Wireless Network Vulnerability
- Verification- Unauthorized Wireless Access Points
- Verification- Authorization and Authentication System,
- Verification- Security Devices/Software
- Verification- Wireless Deployment

Network Audits & Risk Analysis

The critical aspect & the most undervalued – component of an organization's IT infrastructure is its updated documentation. And that's our expertise to provide detailed documentation as per the audit.

HackingTechnologies Network Audit capabilities include:

- Verification - Internal & External Network Security Audits
- Regulatory & Compliance Documentation (HIPAA,ISO)
- Inventory Management Documentation
- Network Architecture Design Documentation
- Disaster Management & Recovery Planning Documentation
- Risk Analysis & Assessment
- Technical Documentation

Cloud Security Consultancy

Cloud computing advantages are increasing its users on daily basis & which in turn requiring more improved security posture of Cloud-based systems.

HackingTechnologies conducts the following:

- Security Verification of the Cloud system from an external, Internet-facing
- Security Verification of a neighboring and/or malicious node
- Audit of the security protection of Cloud

As with all of HackingTechnologies technical security verification services a report is generated with all detailed flaws along with the recommended solutions for the reported issues.

Disclaimer: Clients should note that HackingTechnologies level of ability to perform the Cloud Security Consultancy Assessment is dependent on the terms of the contract between your organization and the Cloud Service provider.

Network Architecture Assessment

Network Architecture Assessment comprises of assessing the network perimeter both inside & outside of the corporate office and are an often overlooked in an organizations network. Network Architecture Assessment includes the followings:

- Verification- Design & Architecture
- Verification- Wireless Infrastructure/Access Point
- Verification- Centralized Control
- Verification- Wireless Client Configuration
- Verification- Authentication Lifecycle
- Verification- Unauthorized access points on wired Networks
- Verification- Wireless IDS/IPS and Incident Response Testing
- Verification- Interface between the Networks
- Verification- Hardware Deployment

Our Products

eCore prides itself in its State-of-the-Art product offerings catering to a gamut of clients from several industries. The products range from small StandAlone Desktop based applications to a more cloud based complete "*Insider Threat Management Solution*". All our product offerings follow a unique SSDLC* model to develop a Secure Product and/or a Software Application.

eCoreSuite

eCoreSuite is a complete insider threat prevention platform that protects companies from the full spectrum of internal threats (threats that originate from inside the organization) such as leakage of confidential data from the organization, loss of employee productivity, inappropriate employee behavior, and the damage caused by a lost or stolen laptop. Deployed at the endpoint and delivered in a **SaaS format**, it requires **no hardware**.

eCoreSuite Features
"Insider Threat Management Solution"

With eCoreSuite, you'll see everything from everywhere.
No Exceptions.
The agent includes 4 modules

1) Web Filtering
2) Laptop Data Recovery
3) Employee Monitoring
4) Data Loss Prevention

All four modules are available either separately or together through one agent download and viewable through one control console.

*The entire software development lifecycle when embedded with security features is known as **"Secure Software Development Lifecycle" - SSDLC.**

eLearning Portal (www.LearnHackingSecurity.com)

It is an Industry research based portal where the Training Modules covered are **THE** practical needs of the Industry. **"Learn & Implement Concept"** where you **LEARN** by viewing the Video containing step-by-step guidelines to implementation. Go out there in the field and **IMPLEMENT** the same concept. **LearnHackingSecurity.com** covers the fields of **Cyber Security, Advanced Networking, Network Security, Cyber Forensics, Cloud Computing & its Security.**

Handling Sensitive Personal Data (What the Law says?)

We would also like to draw your kind attention to some provisions of the **Information Technology Act** that impose stringent liabilities upon organizations **handling sensitive personal data or information**.

Sensitive personal data or information has been defined by the Central Government in exercise of the powers conferred by clause (ob) of subsection (2) of section 87 read with section 43A of the Information Technology Act, 2000 (21 of 2000), to include information relating to:

- password
- financial information such as Bank account or credit card or debit card or other payment instrument details
- physical, physiological and mental health condition
- sexual orientation
- medical records and history
- Biometric information
- any detail relating to the above clauses as provided to body corporate for providing service and
- any of the information received under above clauses by body corporate for processing, stored or processed under lawful contract or otherwise

*Legal implications – Please read below

Section 43 A	Section 72 A
Compensation for failure to protect data	**Punishment for disclosure of information in breach of lawful contract**
Where a body corporate, possessing, dealing or handling any sensitive personal data or information in a computer resource which it owns, controls or operates, is negligent in implementing and maintaining reasonable security practices and procedures and thereby causes wrongful loss or wrongful gain to any person, such body corporate shall be liable to pay damages by way of compensation to the person so affected.	Save as otherwise provided in this Act or any other law for the time being in force, any person including an intermediary who, while providing services under the terms of lawful contract, has secured access to any material containing personal information about another person, with the intent to cause or knowing that he is likely to cause wrongful loss or wrongful gain discloses, without the consent of the person concerned, or in breach of a lawful contract, such material to any other person, shall be punished with imprisonment for a term which may extend to three years, or with fine which may extend to five lac rupees, or with both.

Tips

1. Don't leave important, sensitive, or confidential material lying around the office
2. Always Verify your Credentials
3. Keep your password secret
4. If you print it, go get it right away!
5. Use Google's cached mode to avoid spyware
6. Read error messages and checkboxes
7. Look before you click
8. Just don't Format data, Wipe it!
9. Update your software
10.Protect your PC, Phone, Emails data with backups
11.Use a firewall always
12.Install and update anti-virus software
13.Install and run anti-spyware software
14.Strengthen your web browser security
15. Install the latest OS service pack

Thank you for your business!
Our Portals
www.eCoreTechnoS.com
www.HackingTechnologies.com
www.LearnHackingSecurity.com

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