

Information Its Lifeline of the Business

As technology advances and access to markets expand, the need to protect information to ensure its confidentiality, integrity and availability has become paramount importance for any organization. Moreover, the strategic and privacy value of the information flowing through the computer networks of any organization makes it very important to see that this information is not stolen, tampered or opened to unauthorized access. The security of the information and the information resources cannot just be entrusted to the technology alone. We need to reach a hybrid solution integrated with human and technology factor into it.

Information Security is one of the most critical concerns facing organisations today. Failing to recognise and manage these risks could seriously jeopardise even the most successful business, leaving it vulnerable to costly interruption of operations – or even more serious security hazards. Safeguarding your organisation is only possible when you fully understand the types and levels of risk your business faces. Our corporate risk assessment will identify all your security issues for you.

C-DAC Information Security Services Consultancy Team comprising of globally recognized certified professionals with rich R & D experience can offer the following:

- ✘ To provide Information Security Consultancy in Secure Data and processing
- ✘ To make Organization understands Information related risks towards them
- ✘ Know the means to reduce risks
- ✘ Mitigate the impact whenever a risk occurs
- ✘ Evaluation of Security Practices of an Organization
- ✘ Identify the risk threats to your organization
- ✘ Develop Policies, Standards, and guidelines suitable to your organization
- ✘ Identify and recommend for suitable Security Practices of an Organization
- ✘ Defining the implementation plan to achieve security goals of an Organization

The need of Information Security Services

Information Security is essential in order to prevent potentially expensive and embarrassing security lapses. There is need of detailed assessments of the Organizations entire security infrastructures to identify and eliminate any vulnerability.

- ✘ Protecting organization's assets like information, devices, services
- ✘ Preventing financial loss through frauds, attacks (Physical or Technical)
- ✘ Preventing losses due to unreliable business systems and processes.
- ✘ Proving due diligence and compliance to your industry regulators, customers and shareholders.
- ✘ Protecting your values by avoiding loss of consumer confidence and business reputation

Standards, Methodologies and Guidelines followed by C-DAC

- ✓ Cert Guidelines
- ✓ Open Web application Security Project (OWASP)
- ✓ ISO/IEC 27002
- ✓ ISO/IEC 27005
- ✓ ISO/IEC 27033
- ✓ PCI -DSS
- ✓ NIST – National Institute of Standards & Technology
- ✓ CIS Benchmarks – Centre for Internet Security
- ✓ OSSTMM – Open source security testing methodology manual
- ✓ Best practices from SANS, ISACA, COBIT etc.,

**More than 80 Certified Professionals
in CEH, ECSA, CISA, CISM, CISSP, SANS GIAC, ISMS**

C-DAC is Cert-In Empaneled Organization

C-DAC

Security Services Portfolio

IT Audit and Compliance Services

We help you meet the requirements of all the current and future State, Central Government and International standards and Information security regulations, any newly proposed legislation from Central Government which may apply to your business.

Our programs include:

- ISMS 27002 Services and support to ISO 27001 Services
- OWASP compliance Security audit of web applications and web services
- OWASP compliance security audit of mobile applications
- Infrastructure Security Audit
- Abuse based audit

Vulnerability Assessment & Penetration Testing

We help you by providing Assessment for several vulnerabilities in Internet and Intranet devices by validating open ports, services, domain names, IP network ranges operating system and applications, to identify systems on the network and exposed services.

Our program includes:

- Perimeter Security Testing
- System hardening
- Web Apps Security Assessment
- Vulnerability Assessment
- Penetration Testing
- Wireless Network Assessment
- Architecture Review

Security Solutions

We help you in implementing our in-house developed security products and provide end user support

- **Application and Device Control (ADC)** - a centralized application & device control solution
- **AppSamvid** - an application whitelisting solution for the desktops
- **JSGuard**: JSGuard -Browser Add-on) detects & defends from JavaScript & HTML tags-based attacks
- **PHP Application Vulnerability Scanner** - PAVS is a source code scanner for finding the code vulnerabilities in PHP based web applications
- **USB Pratirodh**: It is a USB control software targeted towards securing end systems from unauthorized usage of portable USB storage devices.
- **m-Safe** : Mobile SDK for secure communication and storage

Other Security Services

We help you in analysis and handling the following:

- Incident Handling
- Intrusion Analysis
- Malware Analysis
- Implementation of Security services
- Design & development of policies, procedures and guidelines
- Risk Management and Disaster Recovery Services
- Business Continuity Process Development
- Information Security Awareness Training
- High End Information Security training for organizational needs
- Risk Assessment
- Log Analysis
- Incident Analysis
- Database analysis

C-DAC EXPERTISE



International Trained and Certified Professionals

About Us

C-DAC, Hyderabad is a Knowledge centre with the components of Knowledge Creation, Knowledge Dissemination, and Knowledge Application to grow in the areas of Research & Development, Training and Business respectively. The R & D areas of the centre are e-Security, Embedded Systems, Ubiquitous Computing, e-Learning and ICT for Development. The centre has developed over a period of time a number of products and solutions, such as USB Pratirodh, AppSamvid, Browser JSGuard, WebSAFE, PAVS, Megh-Sikshak, e-Sikshak, e-Savya, CET Automation Tool, Quality Assurance Analytics Tool for e-Learning etc., The centre has also actively involved in ICT for development through its Multilingual "India Development Gateway (vikaspedia.in)" Web Portal and taken initiative for creating Mass Awareness in Information Security.

for more Information contact: Coordinator, Information Security Services,

Centre for Development of Advanced Computing, (C-DAC),

(A Scientific Society of Ministry of Communications and Information Technology, Government of India)

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Your security, our priority