



VIRTUAL PRIVATE NETWORKS (VPN), FIREWALLS AND INTRUSION DETECTION SYSTEMS (IDS)

Regardless of whether your business needs client-based VPN solutions or VPN tunnels between your networks, VisionOnline can assist with the selection and implementation of cost-effective and high performance VPNs. We can also help you plan and install firewalls and IDS systems from Cisco, Symantec (formerly Raptor) and CheckPoint. We also provide managed firewall and IDS services through our partners.

ACCESS CONTROL (SINGLE SIGN ON – BIOMETRICS)

New biometrics technologies are emerging as a key component of access control. VisionOnline can help your organization select the most adequate and cost-effective biometric identification and authentication method including fingerprint, retina, iris, facial or palm scans, hand geometry, voice and handwritten signature dynamics. In addition, we have many access control solutions using a variety of smart card-based implementations including SmartJava. Whether your operating environment supports Windows, NetWare, Unix or is hybrid, VisionOnline can assist your organization select and implement the best Single Sign-On (SSO) solution.

EMAIL SECURITY

E-mail has grown to become a popular means for information exchange and has become a critical communications tool between organizations and individuals. Because the rapid spread and use of e-mail outpaced the development of effective security, it is often a “weak link” in most existing email implementations. There are important e-mail security issues which you should address such as privacy, integrity and non-repudiation. We have solutions based on PKI implemented at the client and/or server level, as well as “appliance-based” solutions such as the Tovarish Mithril™ box, which works as a SMTP proxy and can be deployed quickly.

INFORMATION SECURITY IMPLEMENTATION SERVICES AND SOLUTIONS

PUBLIC KEY INFRASTRUCTURE (PKI) SOLUTIONS

VisionOnline offers security solutions for business-critical distributed applications over intranets, extranets and the Internet. Broad range of high availability and scalability PKI solutions for enterprises using Entrust, VeriSign, Baltimore Technologies, RSA Security and Microsoft products, among others.

SECURE APPLICATIONS DEVELOPMENT INCLUDING WEB SECURITY

VisionOnline’s extensive experience with software engineering lends itself to the capability of offering full development of secure applications including web development. We have expertise in C, C++, Visual Basic, Java and Power Builder and we incorporate security throughout the application development process from the system requirements analysis to the operations and maintenance phase. Our information security experts can assist with secure programming practices that utilize integration of the latest security technologies, including access control, and data encryption.

DATABASE SECURITY

VisionOnline engineers have diverse experience with Oracle, Sybase and Microsoft SQL and can provide security solutions using the latest features of these relational database products including views, encrypted storage and advance access control. We mitigate vulnerabilities issues related to aggregation and inference of information that are especially common in data warehouse and data mining applications. In addition, we give special attention to security issues related to database management systems (DBMS).

WIRELESS SECURITY

We provide security expertise in many wireless standards including IEEE Ethernet 802.11x, from basic security methods, which are Service Set Identifier (SSID), Media Access Control (MAC) address filtering and Wired Equivalent Privacy (WAP) to enhanced security based on VPN configurations, PKI and port-based network access with 802.1x. In addition, we provide security solutions and analysis for other wireless standards and services including Cellular Digital Packet Data (CDPD), PDAs, cell phones and Bluetooth-enabled devices.



SECURITY AWARENESS AND PROFESSIONAL TRAINING *

A key component of any well-structured security policy must include security awareness training. Because security policy varies based upon the unique characteristics of an enterprise, so too should the security awareness training program. Our partners can help develop an effective training program, as well as train employees, system administrators, developers, executives and the security staff itself.

COMPUTER INCIDENT RESPONSE CAPABILITY (CIRC) *

VisionOnline offers state-of-the-art methodology for Computer Incident Response Capability (CIRC). This methodology is a combination of our extensive qualifications within the information security process and our partnership with nationwide leading providers of 24/7 incident response infrastructure. VisionOnline and our partners represent a unique and comprehensive team that provides a complete CIRC solution. This solution includes an intelligence-based process for continuous data collection and analysis.

An effective incident response is a critical function to the success of every business — whether commercial or government. It can mean the difference between minimal network downtime, a damaged reputation or extensive financial loss. When an intrusion occurs, you want to stand ready to prevent further damage to your network and company operations. Everyday, our technical team will identify and respond to incidents occurring on your network. Our team includes experienced technical investigators who are qualified to analyze incident data, and identify the nature and source of network security catastrophes. This proven group also can provide short-notice response to resolve your network security incidents.

SECURITY MONITORING, TESTING AND AUDITING *

Monitoring, testing and auditing are other key components of a well-developed security policy. VisionOnline conducts extensive auditing for conformance with your security policy and testing of your security controls. In addition, we provide remote monitoring (managed services) and sophisticated penetration testing through our partners.

(*) Provided through partners