

SECURITY SOLUTIONS

Automated tools are not enough to stay out of the headlines. There is a human element to security breaches, which is why we use a combination of automated and manual techniques to future-proof your security posture.

PTP's Security Consulting Division is comprised of experienced Security Specialists who have provided security services for the public and private sector, including the Intelligence Community and 8 of the 10 largest financial institutions in the world. We build client-specific strategies using PTP's processes and methodologies that have been refined and updated for more than a decade.

GOVERNMENT 2.0

PTP's Security Solutions Division provides our government clients with a full range of security and privacy services to help them meet the challenges they face as they expand their online presence. With the move toward Government 2.0, security requirements increase exponentially. PTP can help with all aspects including policy writing, network and application security assessments, becoming compliant with industry standards, developing security requirements, performing gap analysis, providing developer training, and more.

WEB/MOBILE APPLICATION SECURITY ASSESSMENTS

Did you know that a flaw in a social networking site could lead to a compromise of your internal systems and data? PTP can perform a thorough assessment of the transactional elements of your web or mobile application so that you can mitigate risks posed by vulnerabilities in your application or in other applications that you interact with. An insecure transactional web or mobile application can lead to negative press, liability, privacy issues, compliance

violations, financial loss due to unavailability or outright theft and fraud.

PTP's proven processes and methodologies allow us to detect a wide variety of application vulnerabilities.

Automated tools are only a small part of what we do and make up less than 5% of our methodology. PTP Security Specialists carefully study how the application works and identify risks and vulnerabilities that cannot be detected by automated scanners.

A thorough examination of how the developer built the application along with in-depth experience in application development and hacking techniques allows us to apply a real-world scenario experience that would be common in real attacks by cyber criminals and/or state sponsored malicious actors.

Some of the Benefits to our Clients:

- Identify Application Vulnerabilities
- Measure and Quantify Risk to the Business
- Reduce Identity and Data Theft
- Provide Actionable Reports
- Reduce Privacy and ePHI Exposures
- Show Due Diligence
- Validate Security Objectives
- Build Security Metrics



NETWORK SECURITY ASSESSMENTS

A Network Security Assessment is a real-time, real-world assessment of your organizations internal exposure to malicious employees and contractors. These are manual assessments performed by an experienced Security Consultant.

ENTERPRISE SECURITY ASSESSMENTS

There are more attack vectors and intangible risks than any budget can address. Enterprise assessments allow you to know your environment and where to focus your efforts, learn who or what can most affect your data and uptime, and give you a clear understanding on how to budget your IT and security dollars.

PTP Security Consultants have years of experience working with the highest levels of our Client's management teams. We guide our clients through a complex security environment to find the best possible outcomes for the organization.

SECURITY REQUIREMENTS DEVELOPMENT

PTP Security Consultants work through security benchmarks during system development to assure Software Development Life Cycle (SDLC) phase specific requirements are understood. Understanding the security components that need to be checked at each phase of a software development lifecycle is critical to making SDLC work for the organization.

PTP Security Consultants come from a variety of backgrounds including systems integration and software development. We have extensive knowledge of the SDLC and can advise our clients using hands-on experience to help them apply the most appropriate controls at the most optimal times.

SECURITY ARCHITECTURE CONSULTING

Validate that the system architecture meets regulatory requirements and best practices. Ensuring a planned architecture contains all of the needed elements before implementation saves multiple times the costs it would take to attempt to bolt them on later. Finding ways to improve an existing architecture or build an upgrade path will leverage scarce resources.

PTP Security Consultants have experience in all aspects of security architecture for networks, applications, perimeter protections, virtualization, and Security Information and Event Management (SIEM).

We are also knowledgeable of the appropriate regulatory requirements such as NIST, ISO/IEC 27000 series, HIPAA, and PCI.

GAP ANALYSIS

PTP Security Specialists will measure your organization against an agreed upon, recognized criteria. This may include FIPS/NIST 800-53, PCI, HIPAA, State or Local Regulations, the SANS Top 20 Security Controls, or other agreed upon criteria. PTP will rate your organization, programs, and systems for each control, and provide recommendations on how your organization can move towards compliance for each control found to be partially compliant or out of compliance. PTP will rank these recommendations using NIST risk modeling criteria.

SECURITY ROADMAP

A Security Roadmap usually begins with a gap assessment as described above. PTP then takes the results of the gap assessment and rolls up all findings into a root cause analysis that feeds a multi-year plan, or Roadmap. This Roadmap is a prioritized plan based on level of effort, cost, level of risk reduction, readiness of your staff/skill sets, and other ranking criteria.

STAFF AUGMENTATION

PTP can provide highly skilled personnel in areas such as project management, information security, application development and maintenance, testing, and business process analysis. Staffing needs can fluctuate quickly requiring the acquisition of outside assistance. PTP can provide the appropriate resource to meet your needs so that your business continues without disruption.

IMPLEMENTATION SERVICES

PTP stays abreast of the security solutions in the marketplace in order to best represent the needs of our clients. As an additional security service to our clients, PTP's consultants can assist in the implementation of these security solutions. Having performed penetration testing of most of the leading products available in the marketplace, PTP can leverage this experience to ensure optimal and secure configurations of these tools.