

INFORMATION TECHNOLOGY SOLUTIONS

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ASCELLON
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SOFTWARE DESIGN, DEVELOPMENT AND IMPLEMENTATION

Ascellon delivers comprehensive professional services for computer systems development, maintenance, and operation, including: requirements definition, system analysis, and system design, development and implementation. Our implementation services include conversion, computer programming, testing and validation, and documentation. Our highly skilled technology and systems professionals go beyond providing IT resources – we help our customers manage business outcomes.

Quality results delivered on time and on budget

From past performance, we know our clients value the fact that Ascellon has the adaptability and institutionalized management practices required to address their technological challenges. These mature, stable management practices further reduce risk and assure quality because they are based on Ascellon's proprietary Capability Maturity Model Integrated (CMMI) processes and are ISO 9001:2008 registered as well.

We employ formal techniques involving enterprise data and process models, and well-constructed implementation plans. These are built into a comprehensive knowledge base to create and maintain data processing systems. Our clients get an advanced starting point for the definition of enterprise data models, database performance tuning, database administration, and project data analysis and project managers have more power to control the software development process and use resources most efficiently to build high-quality software.

INDEPENDENT VERIFICATION & VALIDATION (IV&V)

Ascellon's IV&V practice is based on a rigorous independent process that evaluates the correctness and quality of a project's business product to ensure that it is being developed in accordance with customer requirements and meets acceptable engineering standards. Ascellon recognizes that IV&V provides added value during any phase of a project. Our IV&V specialists perform reviews, analyses, evaluations, inspections, and tests of operational environments, computer hardware components, software, interfaces, documentation, operators and users in order to validate adherence to customer requirements and acceptable engineering standards.

CYBER SECURITY

Ascellon provides a full range of cyber security services designed for a wide range of government and commercial organizations. We utilize Risk-Based Security Management (RBSM) techniques to provide results that enable the enterprise to make investments for their security programs. Our expertise in security and cost management facilitates strategic investment guidance for security programs in addition to enhancing a customer's security posture and reducing risk. Ascellon's cyber security team provides standards and technology support to protect against threats to confidentiality, information and process integrity, and to the availability of information and services, building trust and confidence in IT systems.

We support security resource analytics, which include access controls, network security, design and execution of security evaluations and testing, and resolve issues related to legal compliance to help maximize security within the digital environment.

Ascellon helps your organization interpret regulations and ensures processes comply with local, state, and federal requirements.

INTERNAL NETWORK SECURITY ASSESSMENTS & REMOTE PENETRATION TESTING

Ascellon's rigorous approach uses real-world technical and operational techniques to identify and exploit your mission critical networks. Our Internal Security Assessment evaluates your network and operations risk. This assessment is a passive examination of your computing infrastructure and is designed to illustrate what risks exist and ensure compliance. The test examines network environments including wireless, mobile, and Cloud infrastructures. While most organizations conduct network security assessments to meet compliance objectives, penetration testing (PENTEST) provides our customers with the tools to validate their exploitable weaknesses. Our assessment includes an on-site debrief of activities, results, and prudent next steps. Using quantified risk measurement techniques to place a dollar value on risk profiles, we provide our customers with the insights to make business-justified decisions for current and future security investments.

ABOUT ASCELLON

Founded in 1996, Ascellon is a widely respected information Technology (IT) and Management Consulting company specializing in innovative enterprise-wide solutions that address the unique challenges of our customers. Our Quality Management System is ISO 9001:2008 Registered. We provide comprehensive professional services for organizations of all sizes focusing on enterprise IT infrastructure. IT portfolio management, technology integration, security and risk management. Ascellon is able to fast-track projects, reduce risk and apply best practices so our customers can see excellent results, faster.

Our customers include public and private companies, government agencies and non-profits. We have developed a reputation for delivering Quality results on time and within budget.

