



Control**Solutions**.

Technology Solutions

*Technology risk and control solutions for business
and IT management*

» **Experience, the Difference™**

Let's face it, the world of technology never stops evolving and neither do the risks. The risks you addressed last month are different than the risks that exist today. So where do you begin and how do you keep up? Whatever your role, we can help you understand, assess and, most importantly, gain confidence in your technology environment.

About Our Technology Practice

For over 15 years, Control Solutions has been a leading provider of technology risk and control solutions for business and technology management. Our clients include chief information officers, chief audit executives, financial management and the boards of over 500 public, private, nonprofit and government organizations around the world.

Our solutions cover the full lifecycle and range of IT needs. Our professionals work globally, combining deep technology expertise with business intuition and industry best practices to provide you with comfort and understanding that your technology environment is operating securely, effectively and efficiently.

Experience the difference of working with a partner that is dedicated to your service and committed to your success. Experience the difference with Control Solutions.

Technical and Application Assessments

Our experts evaluate the crucial elements of your technology environment to provide you with assurance that critical information assets are protected and operating effectively. Our range of expertise covers virtually all technology and application platforms, providing you with all of the knowledge and experience you need in one provider.

- Network Operating Platforms
(*Windows, UNIX, Linux, OS/2, z/OS, OS/390, VMS, HP-UX, AIX and more*)
- Database Management Systems
(*Oracle, Sybase, Informix, Ingres, SQL, DB2 and more*)
- Applications
(*SAP, Oracle, PeopleSoft, JD Edwards, Siebel, Great Plains, Lawson, QAD, Epicor, Sage Applications, customized/home-grown, web applications and more*)
- Firewalls, Wireless, Intrusion Detection and Remote Access Technologies

Enterprise System Services

When you are planning on making changes to your enterprise systems, we can assist. Our professionals have worked on some of the world's largest and most complicated enterprise systems projects and bring a wide range of experience and expertise to you.

- Needs Analysis and RFP Development
- Vendor Selection and Evaluation
- Implementation Project Management
- Integration Assessment
- Pre/Post Implementation Reviews
- Portfolio Rationalization and Management
- System Optimization
- Data Conversion, System and Interface Testing
- Controls Design
- Security Configuration
- Query and Report Design

Corporate Identity Theft and Privacy

When you can't risk becoming a media headline, our corporate identity theft and privacy experts work with you to evaluate the threats and design a program to protect your most vital assets.

- Risk Assessment
- Program Design
- Program Implementation and Training

Threat and Vulnerability

Our security experts utilize their experience and leading tools and methodologies to identify and help you manage threats and vulnerabilities within your technology environment.

- External/Internal Network Vulnerability and Penetration
- Ethical Hacking and Social Engineering
- Wireless and Remote Access
- Website and Application Penetration Testing

Policy and Program Services

Our professionals leverage their experience and knowledge of your organization and tap industry best practices to design, develop and implement IT policies and programs to meet your needs. From IT governance, incident management, change control and development to IT asset and performance management – our professionals can design and implement a custom program for you.

- Evaluation and Development
- Best Practices Review
- Training and Awareness

Design, Architecture and Infrastructure

When you are evaluating, planning, designing and implementing technology, our professionals can provide you with guidance and insight from the start. Whether you are evaluating the newest enterprise storage product or the latest software release, designing a new network perimeter, or deploying SAP – we can put years of audit and implementation experience to work for you in choosing and designing the best solution.

- Application/System Security Definition, Design and Implementation
- Network/Application Pre-Implementation Certification, Configuration and Vulnerability Assessment
- Internal, External, Perimeter and DMZ Network Design Evaluation and Assistance
- Service Release, Upgrade and Patch Evaluation
- Firewall, Wireless, Remote Access and Intrusion Detection Design and Configuration
- Project Management Office

“The breadth of skill and the level of technology expertise that Control Solutions brings to the table gives me and my team confidence that we have chosen the right partner for our project....I don't have to look anywhere else for the support I need, I get it all with Control Solutions.”

Director of IT, \$200 million pharmaceutical research company

Incident Response and Forensics

Sometimes bad things happen, and when they do, we are there to help. We employ some of the leading experts in incident response and computer forensics. From immediate response and root-cause analysis to evidence collection, litigation support, recovery and clean-up, our professionals can meet your complete needs.

- Emergency Incident Response
- Cleanup and Recovery
- Investigation Services
- Legal and Electronic Discovery

Disaster Recovery and Business Continuity

If you were operating a mission-critical data center in New Orleans in 2005, you probably know the value of disaster recovery and business continuity planning. If not, you should. Our professionals can assist you in preparing and designing, evaluating and testing disaster recovery and business continuity plans from both an IT and business perspective. No one knows where the next disaster will strike, but with our assistance you can be confident in your ability to weather the storm.

- Plan Design
- Evaluation and Testing
- Program Implementation
- Technical Architecture Design and Review

Examples of Projects We've Completed

Project Integration Risk Assessment

When a \$45 billion financial services firm needed assistance in evaluating a proposed enterprise system integration as a result of a merger, they turned to Control Solutions. Our team worked with business and IT management to identify and evaluate the risks. Using our knowledge and experience, we assisted in developing the integration plan and implemented a risk management strategy to guide project management and ensure a successful outcome.

IT Risk Assessment

The audit committee of a New England utility was facing uncertainty on how to address IT-related risks, especially in light of recent acquisitions. Control Solutions was engaged to perform a risk assessment throughout the organization to identify potential IT weaknesses. Following our risk identification, we worked with audit and IT management to prioritize the risks, develop immediate solutions to high-risk discoveries and implement a long-term audit plan and strategy to provide management and the board with comfort and confidence in the security and reliability of their information systems.

Employee Self-Service Website Application Review

When a money management firm with over \$180 billion in assets was preparing to deploy a web-based employee self-service HR/benefits portal, they turned to Control Solutions. Our professionals performed in-depth security, server hardening and performance reviews. We executed network vulnerability and application penetration tests and provided management with solutions to ensure security, data confidentiality and system reliability.

Sarbanes-Oxley Controls Reduction

Facing an overwhelming number of internal IT controls identified as part of an initial Sarbanes-Oxley compliance review, a leading research firm turned to Control Solutions. Our team worked with management and the independent accountants to reduce the number of IT controls by over 65 percent. The result was reduced costs, easier implementation and management, and greater confidence in internal controls.

Enterprise System Conversion

When a leading health insurance provider was facing the challenge of what to do with an enterprise system that was more than 35 versions/upgrades behind, with significant customization, they engaged Control Solutions. Our enterprise system professionals provided management with several options to preserve their investment and continue product support. We created a migration road map to ensure availability while bringing the system up to date. We also performed a review to ensure the security of protected health information (PHI) in compliance with HIPAA regulations.

Controls Design

A multibillion-dollar software company faced the significant challenge of implementing a new global ERP system while attempting to comply with financial reporting requirements imposed by the Sarbanes-Oxley Act of 2002. They engaged Control Solutions to assist them in developing a program to leverage the new financial system while meeting compliance requirements. Our team of financial and ERP experts utilized their Sarbanes-Oxley and enterprise systems experience to work with the client to design proper controls into new business processes and the financial system from the beginning. The result was a newly designed financial system complete with compliant business controls and the essential documentation and evidence to demonstrate control operating effectiveness.

For more information, visit us at

www.controlsolutions.com

Control Solutions is the leading global provider of independent internal audit, compliance, risk management and technology solutions. Since 1991, we have strategically partnered with leading public, private, nonprofit and government clients, offering a truly positive experience different from that of our competitors. Our team of 800 longtime and highly trained professionals delivers services in more than 35 countries. Our consultants apply a combination of deep industry knowledge and an average 15 years of professional experience to address your unique challenges. When you are ready to find out what true experience, professionalism, international presence and an integrated and flexible approach can do for you – look no further. With Control Solutions you will find a partner that is committed to you and measures its success based on your success. For more information visit www.controlsolutions.com.