

Experience, the Difference™

Data Analytics and Continuous Monitoring





About Control Solutions International

Control Solutions International is a leading global consulting and risk advisory firm focused on providing our clients with industry experts who specialize in risk management, compliance, internal audit, finance, business performance improvement and leading-edge information technology services.

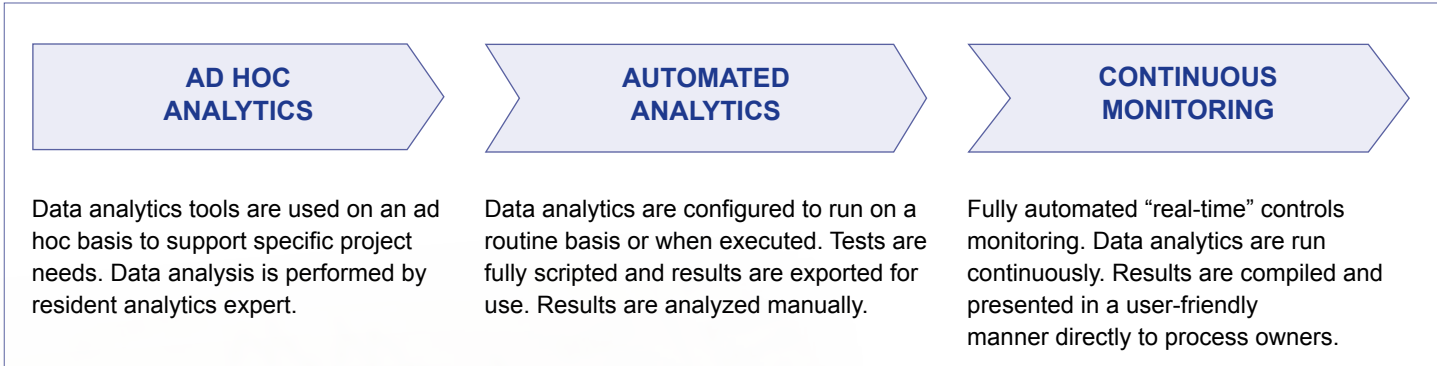
You face numerous challenges that include the need to manage regulatory compliance, increase audit effectiveness, improve revenue assurance and reduce the risk of fraud. Couple this with the increasing costs of external audits and compliance reviews, and the pressure is on to find a cost-effective, reliable and sustainable means of validating controls performance.

The need for technology solutions that can increase the efficiency and effectiveness of your audits is clear. Where do you start?

OUR SOLUTIONS

Data analytics and continuous monitoring technologies can identify errors, fraud and inefficiencies by independently checking and validating entire populations of transactions against specified control parameters and business rules. You can identify trends, pinpoint exceptions and highlight potential areas of concern. As a result, your organization can better maintain compliance, increase the efficiency and effectiveness of projects, contain costs, and expand audit coverage.

Before you enter the brave new world of data analytics and continuous monitoring solutions, however, you need a partner that can show you the way. Through our extensive internal control design and data analytics and automation expertise—and our partnerships with the leading data analytics and continuous monitoring technology providers—we have developed a suite of solutions to help unlock the power and potential of your audits.



Data Analytics and Continuous Monitoring Maturity Model

The data analytics and continuous monitoring maturity model highlights the progression of most organizations as they begin to leverage technology to increase the efficiency and effectiveness of their projects.



Where do you start?

ANALYTICS SUPPORT SERVICES

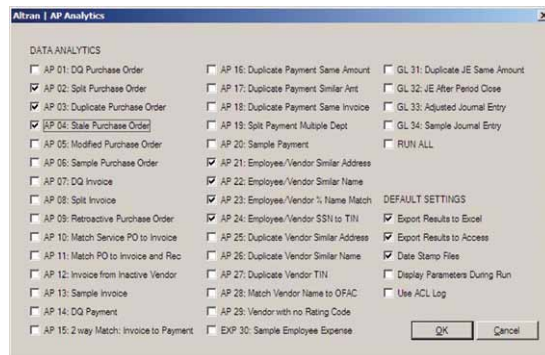
Data Analytics Implementation

If you are considering or have already purchased a data analytics package, let our professionals help you get the most out of your investment with our expert implementation support. From needs analysis to product evaluation to implementation, our experts can guide you throughout the process. We will work to understand your unique needs and will work with you to implement a system that meets your objectives. Our range of data analytics implementation support services include:

- Needs Analysis
- Vendor Selection and Product Evaluation
- Product Implementation
- Data Access Requirements Definition
- Data Warehouse Implementation
- Data Analytics Definition and Development
- Analytics Automation
- User Training and Knowledge Transfer
- Ongoing Support

DATA ANALYTICS AUTOMATION

If you are currently using data analytics on an ad hoc basis to support occasional projects or are looking for a way to automate pieces of your projects, let our data analytics experts create an automated solution for you. We can create an automated solution for you. We can create data analytic scripts that instantly provide the information and in-depth analysis you need with the click of a button.



Screenshot of custom automated scripts manager

DATA ANALYSIS SERVICES

Don't have the resources or the skills in house to perform that data analysis required for your project? Use our team of data analytics experts to perform the analysis you need and provide you with the results. Simply send us your data file(s), or our experts can come to you—regardless, you get the knowledge and quality that only comes from decades of data analytics experience.

USER TRAINING

Control Solutions International offers introductory, intermediate and advanced data analytics training through on-site courses. Our data analytics experts will work with you to customize the course for your particular industry and business systems to maximize the impact of your training investment. Although our training is completely customizable, our typical data analytics training course curriculum is as follows:

Introductory:

A comprehensive introduction to working with data analysis tools that covers data access and preparation of new files, analysis & reporting, and ends with a series of audit focused case studies.

Intermediate:

This course builds on the knowledge and skills taught in the introductory level of data analytic training. Participants learn new ways to work with the features of data analysis tools and are introduced to new tricks and techniques that enhance the ability to produce results.

Advanced:

This advanced course offers a comprehensive introduction to fully automating data analysis tools through the use of scripts and covers the basics of scripting, automating analytics, and building a reusable analytics library.

SOLUTION IMPLEMENTATION

Based on our knowledge of your organization and our experience in internal control design, our team will design, build and deploy a continuous monitoring solution that meets the specific needs of your business.

Design

Once a technology solution has been selected, we work with you to design the configuration of your continuous monitoring system. This process includes determining control test plans and identifying custom tests to be developed, determining how and to whom notifications will be presented, and determining control failure thresholds and other settings.

Build

Our business professionals and technical experts create and configure your continuous monitoring system. This process includes creating control test scenarios, connecting to data sources, testing configurations and scripting custom tests.

Deploy

Our professionals deploy the continuous monitoring solution within your environment. This process includes security provisioning, user acceptance testing, system and unit testing, data validation, and end-user training. The Control Solutions team also works with your technical team to provide technology support training to enable long-term maintenance of the continuous monitoring platform.

BUSINESS CHANGE SUPPORT

Over time, your business will change with new acquisitions, new systems and new processes. As these changes occur, Control Solutions International can be there to ensure that you continue to maximize the value of your investment in continuous monitoring. Our team will work with you to understand the nature of the changes and develop a solution to address your needs, ranging from additional modules to additional systems to end-user training.

“Control Solutions International took the time to understand our needs. They tailored their training and consulting activity to the issues that we face and really helped us get to the next level with our data analytics program. Their consultant was very experienced. He applied that experience to provide practical solutions for us and he was a great help in adding structure and efficiency to our program.”

Jamie Depuydt, Manager I/S Steelcase Inc.

Let our experts guide you:

1.888.902.8348 or info@controlsolutions.com

Control Solutions International is a leading independent internal audit, compliance, risk management and technology firm that provides a wide range of advisory services, comprehensive solutions and innovative products globally. For almost 20 years, Control Solutions International has been the trusted advisor to over 500 public, private, nonprofit and government clients. Our experienced professionals reflect our distinctive culture, placing the interests of our clients first and emphasizing integrity, commitment to quality, innovation and teamwork.

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