



## Quest Secures iParametrics' Intellectual Property, Delivering 100% ROI and Reducing Forensic Time from Hours to Minutes

Founded in 2003, iParametrics provides a broad range of engineering and construction-related professional services to public and private sector clients throughout the world. The company's staff of highly-qualified technical specialists provides innovative solutions to help other companies prosper in a rapidly changing world. Their services include cost management, scheduling and project controls, cost segregation, analytics, client-driven consulting services, and resource solutions.

After an internal security breach cost the company months of time in forensics and discovery efforts, iParametrics turned to Quest for a robust solution for tracking and auditing access to company data.

### The Challenge

As a consultancy, iParametrics has a significant investment in its intellectual property, including architectural drawings, project estimates, and spreadsheets. When an employee took valuable company data from the server in order to start a competing business, IT staff faced the daunting task of documenting the employee's malicious activities for a lawsuit. Although iParametrics had monitoring software in place, determining what the employee had done was extremely difficult and took weeks of effort.

"I spent the better part of a month trying to figure out and recreate what he did," explained Michael Porzio, IT Manager at iParametrics. "When you're sifting through pages upon pages of raw data it's really hard to know exactly what happened. It was a very tedious and extremely painful process."

The process was also expensive; external consultants had to be retained to complete some of the work. "I had to hire forensic specialists to image the drives and pull a bunch of data for me" Porzio said.

In addition, some files had been not just copied, but deleted. In order to restore full company operations, Porzio had to manually go through saved system images, determine what was missing, and restore the deleted data—a process that took an additional month of his time. He is still concerned that not all of the deleted files were found and recovered.

iParametrics wanted to ensure that any future security breaches would be detected immediately and that the recovery of any deleted or altered data would be quick and easy.

### The Quest Solution

iParametrics first considered Microsoft file access auditing, but found that the solution did not provide the detail the company needed. Porzio explained: "I can see that a file was deleted, but I don't know who did it or what file it is. I would have had to sift through thousands upon thousands of events in order to find the ones I was looking for. Then it doesn't give me a path to the file, so I wouldn't even know what to restore."

Moreover, the Microsoft solution put far too much overhead on iParametrics' servers, according to Porzio.

iParametrics next evaluated several third-party solutions, and found that the Quest InTrust Plug-in for File Access satisfied all of the company's requirements at the most competitive price. InTrust Plug-in for File Access provides detailed, real-time auditing of file and object access activity and permission changes being performed on Windows file servers. It instantly alerts administrators to suspicious activity, such as failed access attempts to an HR file. The audit record includes who made each change, where the change was made and the before and after values, enabling an administrator to quickly reverse any change.

InTrust Plug-in for File Access can even be configured to take immediate, automatic action in response to certain events, such as disabling the offending user.

*"[InTrust Plug-in for File Access] frees me up to be able to do the things that I really need to do. Now, instead of searching for data, I can pull up a report and see it instantly. I can't even put a dollar amount to it. It's definitely saved me way more than I spent. InTrust Plug-in for File Access was well worth the investment."*

– Michael Porzio,  
IT Manager  
iParametrics

### Overview

#### Headquarters

Alpharetta, Georgia

#### Services:

Engineering and construction-related professional services

#### Critical Needs:

Engineering and construction-related professional services

#### Solution

InTrust Plug-in for File Access

#### Results

- Increased security
- Reduced the risk of losing invaluable intellectual property
- Quickly delivered 100% ROI by saving IT staff time and improving their productivity
- Reduced time to identify and recover items that are accidentally deleted or modified from hours to minutes

InTrust Plug-in for File Access data collection actually eliminates the need for native auditing, which saves critical system resources and cuts down on the number of events generated every time a file or folder is accessed. You can easily granularly select which files and folders you want to audit.

## The Bottom Line

iParametrics now uses InTrust Plug-in for File Access to audit access attempts to every file on the network. With the solution in place, the company has confidence that it has effectively reduced the risk of sensitive information getting in the wrong hands. Any data that is changed or deleted can be quickly restored, and all user and administrator activity is efficiently documented for any future legal proceedings.

Although iParametrics installed InTrust Plug-in for File Access to reduce the risks of malicious activity on its servers, the IT staff has found the product equally helpful in investigating and repairing accidental changes made by users. Porzio offered an example: "One person accidentally dragged-and-dropped a folder on one of the shared drives and lost it. Before installing InTrust Plug-in for File Access, I had to spend two or three hours resolving such a problem. With InTrust Plug-in for File Access, resolution takes two or three minutes. I just open up the software; find the file the user accidentally moved, and drag it back."

iParametrics estimates its ROI on InTrust Plug-in for File Access at more than 100%. "Because of the amount of time I'm saving, it's invaluable," reported Porzio. "It frees me up to be able to do the things that I really need to do. Now, instead of searching for data, I can pull up a report and see it instantly. I can't even put a dollar amount to it. It's definitely saved me way more than I spent. InTrust Plug-in for File Access was well worth the investment."

iParametrics is convinced that InTrust Plug-in for File Access is an absolute necessity. "No matter how big or small your company is, whether you have two employees or 10,000, you need to have some type of file audit access software," Porzio said. "It's a necessity. Otherwise you're operating on trust or Microsoft's built-in auditing. With InTrust Plug-in for File Access, you'll have the information you need when you need it."

## About iParametrics

iParametrics provides a broad range of engineering and construction-based consulting services throughout the world to commercial and federal, state, and local government clients. Headquartered near Atlanta, GA, iParametrics empowers its clients to more effectively manage all aspects of their projects, delivering them on time and within budget. For more information, visit <http://www.iparametrics.com/>.

## About Quest Software, Inc.

Quest Software, Inc., a leading enterprise systems management vendor, delivers innovative products that help organizations get more performance and productivity from their applications, databases, Windows infrastructure and virtual environments. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 100,000 customers worldwide meet higher expectations for enterprise IT. Quest also provides customers with client management through its ScriptLogic subsidiary and server virtualization management through its Vizioncore subsidiary. Quest Software can be found in offices around the globe and at [www.quest.com](http://www.quest.com).

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