

# OSI SYSTEMS, INC.

## Switching to Arbutus for faster, more agile analytics support and deployment

**Company**  
OSI Systems, Inc.

**Headquarters**  
Hawthorne, CA

**Industry**  
Manufacturing

**Solution**  
Arbutus Analytics Enterprise Edition

### Key Benefits

- **Performance improvement using Arbutus to run scheduled analytics**
- **Better quality results giving a more complete picture**
- **Significant reduction in time and frustration when setting up, deploying and running analytics**
- **More flexibility when working away from head office**

“Once we started using Arbutus, it just seemed so much easier that it has become our preferred data analysis tool.”

*Leigh Riddle, Internal Audit Manager, OSI Systems, Inc.*

**When OSI Systems, Inc. needed a simpler and more flexible analysis tool that better matched their usage needs and IT environment, they made Arbutus Analytics Enterprise Edition their preferred solution.**

OSI Systems, Inc. is a publicly traded global company that develops and markets security and inspection systems such as airport security X-ray machines and metal detectors, medical monitoring and anesthesia systems, and optoelectronic devices. The company employs a large workforce worldwide and includes subsidiary companies Spacelabs Healthcare, Rapiscan Systems and OSI Optoelectronics, among others.

### Challenge

With many different regulated and non-regulated entities spread throughout the world under the OSI Systems parent company, the audit team at OSI faced some unique challenges in meeting the demanding, diverse and time-sensitive analysis needs of the organization. Performing data analysis often requires using data sources that were large and distributed over many types of systems and regions. This causes significant challenges for the audit group because they needed a data analysis solution that is highly flexible and efficient to work with their diverse IT environment and workflow.

One issue they were experiencing with a competitor’s product was that once scripts were developed on the desktop, they needed to have additional, time-consuming modifications made for them to be adapted so they would work on the competitor’s server edition. Scripts that were running, particularly on larger data files, often experienced stability issues and sometimes became corrupted when they did fail. Whenever a script became corrupted, additional time was needed for recovery and re-running the script. As Leigh Riddle, Internal Audit Manager at OSI Systems explains, “It was taking a long time to pour over the tables I was using, and to get the scripts to pull all of the disparate data without needing to re-run the script multiple times.”

### Solution

When OSI learned about Arbutus and its compatibility and history with a very similar analytical tool, OSI’s curiosity was piqued. They decided to evaluate Arbutus’ Audit Analytics Enterprise Edition to see if it would address the challenges they were experiencing. “Once we started using Arbutus, it just seemed so much simpler to use and more flexible than the other tool we were using, that we never went back.” Adds Riddle, “Even the initial installation and deployment of Arbutus seemed much simpler.”

One of the capabilities with Arbutus that made a real difference to OSI Systems was that it supports ‘live’ reads of the data. Riddle explains, “Previously I had to go through the time-consuming process of extracting different data sources and then testing my analytics. Now I can quickly access the data, test my analytics and make adjustments on the fly. It proved to be a much more agile way to develop, test and run analytics and reports.”

“Once a script is tested and working on the desktop, I can just drag and drop it on a server shared folder, right-click, schedule it, and I’m done. All the data is stored and/or access via the Arbutus server, there is no need to move the data to the desktop.”

OSI Systems also made some significant gains on performance, especially on larger files work efficiency, and time savings. Arbutus appeared to be faster, while script stability was no longer an issue.

Arbutus also resolved many of the challenges of working remotely. The Arbutus Server based at the head office in California could now be accessed from any region of the world in order to set up, test and schedule analytics. “I can connect to the server, makes some tweaks to the script if needed, schedule it to run and then log off. I’ll come back later and my results will be ready for me,” says Riddle.

**“It was taking me significant time working with our original data analysis tool, and I never got to be where I wanted to be.”**

*Leigh Riddle, Internal Audit Manager,  
OSI Systems, Inc.*

## Results

OSI can identify a number of important, tangible results since they began using Arbutus. The overall quality of their analysis results is better, giving a more complete picture and confidence in our results.

In addition, significant time savings have occurred when deploying, testing and running analytics, both from head office and when in the field, saving countless work hours. More time is now spent doing audit work and generating meaningful results, and much less time and frustration on the administration side, to make utilize analytics for better, more timely results.

The simplicity of deployment and scheduling in Arbutus has created much more confidence in the group as it progresses towards its plans for controls monitoring.

**Contact Arbutus to request your free 30-day evaluation of Arbutus Analyzer.**

**“To me, Arbutus is much more flexible.”**

*Leigh Riddle, Internal Audit Manager,  
OSI Systems, Inc.*

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*Based on 25 years of innovation excellence, Arbutus delivers the very best in purpose-built audit analytics technology to meet the exacting demands of today’s business environment. Auditors, business analysts, and fraud investigators rely on Arbutus to enhance their testing, analysis and compliance capabilities.*

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