



Success story

Techint Group

Industry

- Engineering, Construction and Operations

Solution

- OpenText™ InfoArchive



Techint Group managed to protect 1TB of critical engineering documents

Global general contractor deploys fully centralized OpenText™ InfoArchive in just days.

Results



Protects 1 TB of vital engineering information



Deploys in only 25 days, meeting urgent scheduling requirements



Enables staff to easily locate and retrieve desired documents in seconds

"It took us only 25 days to fully deploy OpenText InfoArchive. It is not easy to find a solution that is so easy to implement while also being so appropriate to our needs."

Valerio Mascheroni,
Senior IT Applications Specialist,
Techint Construction & Engineering





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Techint Engineering & Construction, a wholly-owned subsidiary of The Techint Group, delivers engineering, procurement, construction, operations and management services for large-scale projects located across the globe. With more than 70 years' experience, the company has successfully completed more than 3,500 projects within a wide range of segments including Oil and Gas, Energy, Industrial Plants, Oil Refineries, Petrochemical Plants and Mining. Its 19,500 employees rely on hundreds of thousands of engineering information instances and documents to expedite accurate project completion on time and to budget.

Business challenges

Techint E&C operations located in Europe, the Middle East, Africa and the Americas had for years used Autodesk to archive and protect a full terabyte of vital engineering information. However, this critical digital data was now under threat due to a variety of reasons.

First, Autodesk announced that it would no longer support its ProductStream® CAD application. Second, Microsoft® Windows® 2003 which ran on 50 separate local servers and acted as the operating system for ProductStream was no longer being supported by Microsoft. Valerio Mascheroni, Techint E&C Senior IT Application Specialist, realized that he was facing a serious challenge. While these applications would no longer be useful, the data they contained were essential and needed to be stored in a secure and compliant way.

"Within our EMEA region, we recognized that soon, critical historical engineering information would no longer be adequately supported," Mascheroni explains. "To ensure ongoing security, we needed to find a new, highly available archive solution that was easy to use and that would fully secure these assets within a safe environment."

To resolve his challenge, Mascheroni turned to OpenText. ***"We talked with OpenText advisors and also consulted other OpenText references,"*** he explains. ***"We learned that InfoArchive was designed to enable us to decommission applications that were no longer supported and to secure the data and content for the users. As importantly, OpenText InfoArchive could be implemented quickly to meet the urgent nature of our requirement."***

Solution

To ensure the safe deployment of its new InfoArchive solution, Techint E&C started with a Proof of Concept. During this test phase, the company realized that InfoArchive's ease of use and high level of security were exactly what it required. Working with OpenText, the solution was rolled out in less than a month to secure all engineering information stored in the ProductStream application, which is no longer supported.

A full terabyte of digitized engineering information was quickly migrated from ProductStream to InfoArchive, which required only a single centralized server to meet high levels of performance.

"It took us only 25 days to fully deploy InfoArchive, which included the test phase and all data migration," Valerio says. "This was a very quick implementation. It is not easy to find a solution that is so easy to implement while also being so appropriate to our needs."

Following data migration, the AutoDesk application, as well as 49 servers were decommissioned.

"With InfoArchive, we have significantly lowered total cost of ownership (TCO). Today, we only have to maintain one single server."

Bruno Corbo,
IT Regional Manager,
Techint Construction & Engineering



Fully securing vital engineering information

Today, InfoArchive protects critical historical engineering information within a fully secured, centralized archiving solution. Because InfoArchive uses role-centric protection as well as other masking features, Mascheroni has the knowledge that only approved Techint E&C staff can access vital information. He also knows that OpenText technologies provide a safe and stable environment for required information security.

“We were driven to redefine our information archiving requirements because we were worried about its safety and security,” says Mascheroni. “With InfoArchive, we now know that a full terabyte of vital engineering information is stored safely within a highly secure and future-proofed environment.”

Speeding easy information access

Even though security was the primary concern, quick and easy information access was also a factor in choosing InfoArchive. Techint E&C staff are fully satisfied with InfoArchive’s focused search functionalities. ***“When we deployed InfoArchive, our staff immediately told us how user-friendly and easy it is to use,”*** says Mascheroni. ***“They don’t have to remember multiple routines. Instead, they simply input familiar criteria to search and retrieve desired information among thousands of records in seconds.”***

Lowering costs

While achieving lower operating costs was not a primary objective, Valerio has discovered that InfoArchive has helped minimize the company’s total cost of ownership (TCO). This is due not only to increased user efficiency, but also because InfoArchive requires only a single centralized server to achieve required security and performance.

“Our legacy AutoDesk engineering application operated on 50 separate servers, all using Microsoft Windows 2003,” says Mascheroni. ***“Each server required periodic maintenance and a separate operating system license.”***

“With InfoArchive, we have significantly lowered TCO. Today, we only have to maintain one single server. The deployment of InfoArchive has resulted in an unanticipated yet welcome benefit: we have significantly decreased the cost of archiving and managing our engineering information.”

Redefining the future

“We are so pleased with the performance of InfoArchive that the company is considering using this solution to manage all historic engineering information across our global operations,” says Mascheroni. ***“Today, InfoArchive protects all of our engineering knowledge within the EMEA region. Soon, it could be used by thousands of global staff to access and protect historic engineering information for the entire company.”***



About OpenText

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