Success Story

balesio
Advanced Software & Systems

69% average reduction on unstructured MS Office and image data volume for Celestica, Inc.

Celestica Inc, a global player for electronics manufacturing services, achieved an average 69% reduction of unstructured data volume after the deployment of balesio's native format optimization technology via its software solution FILEminimizer Server. Celestica saw as well a significant improvement in backup times. The positive results of this "Lean IT" project were leading to a Asian-wide project with a deployment to other Asian sites of the company in the future.

"After the deployment of FILEminimizer Server, we need 69% less storage space for our MS Office and image files. As part of our Lean IT project, we piloted FILEminimizer Server and the software did a great job."

Dome Tepupatump
IT Manager,
Celestica Thailand

Key Highlights

ORGANISATION:

Celestica, Inc., 30,000 employees

INDUSTRY:

Electronics Manufacturing

CHALLENGES:

- Continuously growing unstructured data volume (MS Office and image files)
- Rising administration cost for increasing storage volume
- Desired storage reduction during Lean IT project

SOLUTION:

FILEminimizer Server v.6.0

ACHIEVED RESULTS:

- 12% total storage reduction of 1.5 TB server
- 63% av. reduction on MS Office files
- 75% av. reduction on images
- 10% faster backup times

CUSTOMER PROFILE

Celestica is dedicated in delivering end-to-end product lifecycle solutions for its customers. Headquartered in Toronto, Canada, Celestica's 2009 revenue was US $6.1 billion. The company employs over 30,000 people worldwide at approximately 20 manufacturing and design facilities. Celestica's Thailand facility in Laem Chabang is Celestica's largest facility in Asia. The site has both a Regional Technology Center and a Failure Analysis Laboratory to support and augment its operations.

CUSTOMER CHALLENGE: "LEAN IT"

Celestica Thailand manages a file server with a total storage capacity of 1.5 TB for primary data. Although it is a manufacturing site, unstructured data such as MS Office and image files still took up over 200 GB of storage. Apart from filling up the existing storage, this unstructured data volume caused backup processes to take more time. During a "Lean IT" project, Celestica was looking for an immediate solution to reduce this unstructured data volume.

THE SOLUTION: FILEMINIMIZER SERVER

Celestica chose the market-leading native format optimization (NFO) solution FILEminimizer Server by balesio AG, the only technology being able to significantly reduce unstructured, pre-compressed files further.

BUSINESS BENEFITS

Celestica gained back a significant amount of storage. For MS Office files, the FILEminimizer solution achieved an average optimization rate of 63%. For image files, the average optimization rate was 75%. In total, a global optimization ratio of 69% was registered and 153 GB of storage was instantly released. By applying balesio's native format optimization on its unstructured data, Celestica could free up 12% of their total storage of 1.5 TB. As a consequence, 12% less data volume needed to be backed up leading to a 10% improvement in terms of backup times as well. Performance increases were also seen in bandwidth consumption and data transfer traffic. *"After the deployment of FILEminimizer Server, we need 69% less storage space for our MS Office and image files."*, confirms Dome Tepupatump, IT Manager at Celestica Thailand, *"As part of our Lean IT project, we piloted FILEminimizer Server and the software did a great job. We plan to deploy it to the rest of our Asian sites."*

Disclosure: Celestica Malaysia has implemented the solution in the meantime as well.