



# CAD Data Migration

## Science & Engineering Laboratory Case Study

### Summary

A global science and engineering research laboratory used Birlasoft Legend to migrate CAD data into Pro/INTRALINK, optimizing their data management.

### Customer Profile

A multidisciplinary science and engineering research center, where “dream teams” of world-class researchers work alongside experts from industry, academia and other government laboratories to address vital national challenges in clean energy, environment, technology and national security.

### Customer Needs

Aging storage systems and heterogeneous CAD files had prohibited the laboratory from fully realizing the timesaving and collaborative advantages of document management software. “As we looked toward realizing the complete benefits of technical document management and knowledge sharing that could be accomplished through centralized document management software, we needed a way to integrate our AutoCAD drawings into Pro/INTRALINK,” said the Database administrator.

### Project Details

- **The Goal**  
Load 45,144 AutoCAD files in to Pro/INTRALINK.
- **The Challenge**  
Large number of drawings maintained in multiple, aging, heterogeneous databases.
- **The Solution**  
Use Legend to automate and safeguard the rapid accurate integration of AutoCAD drawings— completed in 38 hours.

# Solution Profile

The solution was the legacy CAD data migration process jointly developed by Birlasoft and PTC Global Services. Birlasoft is a leading developer of CAD migration technologies and creator of the Legend software family. Combining the Birlasoft patented Legend heterogeneous data migration technology with the experience and on-site project management of PTC's Global Services ensures that AutoCAD users benefit as quickly as possible from Pro/INTRALINK.

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During the labs migration process, Global Services assessed data migration requirements, developing a migration "plan of attack" for managing the implementation and configuration of Legend software applications on the labs' system. Based on the detailed migration and implementation plan, Legend was configured to automatically and rapidly read AutoCAD title block data and load it into Pro/INTRALINK, while maintaining data integrity.

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**The lab supports over 200 research projects ranging from studies of the atomic nucleus to global climate change research.**

In addition to its scientific research, the laboratory designs, builds and operates sophisticated research facilities that would be too expensive for any single company or university to build and operate.

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RESOURCES

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