

Fluent Books

Migration of Aumentum
Technologies PWA, Projects,
SharePoint, and historical data
to a new Project Online tenant

Aumentum Technologies migrates between Project Online tenants

Project background

Aumentum Technologies' solutions help governments with land administration, property valuation, document recordings and tax revenue management.

Aumentum Technologies turned to FluentPro for migration services. As it became an independent unit within a giant corporation, Aumentum Technologies needed to migrate all its data to a new Project Online tenant.

The acquiring corporation provides software products for healthcare, private sector, utilities, and public sector across North America, Asia, Europe, and Australia.

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Project description

Data migration between Project Online tenants is a complex task, with several ways available to accomplish this.

- **Manual migration**

This method requires a team to recreate the PWA configuration in the new tenant manually. Each of the projects must be saved manually as *.mpp files, before being published to the new PWA. Some data, including custom task fields values, is not stored within these files, so a successful migration requires these to be manually populated in the new Project Online PWA.

- **Third-party migration solution**

Third-party solutions, such as FluentBooks from FluentPro, provide the option of automating the migration process. FluentBooks, for example, allows for more than migration of SharePoint data: it also supports the migration of PWA configuration settings, projects data and historical timesheets data. By automating the migration and validation of custom fields, lookups, security, resource pool and other configuration settings, as well as projects data, FluentBooks minimizes the necessity of manual work and its associated risks.

- **Migration as a service**

Experts, such as FluentPro Migration Team, have the knowledge and experience to migrate Project Online PWA data in the most efficient way. FluentPro skilled engineers have already helped thousands of organizations to successfully manage their configuration, migration, and data administration needs.

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FluentPro Software Corporation

FluentPro Migration Team's expertise and practical understanding of Project Server/Project Online and data migrations ensures a complete and proven approach to maintaining data quality and integrity at each step, with every operation performed in the most efficient way.

Aumentum Technologies decided to use the FluentPro Managed Migration service after learning of its success in a similar organization and using FluentPro G.A. Suite for backup needs. It inspired complete confidence in FluentPro's experience and expertise.

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Challenges faced:

Working with the client, FluentPro's team identified the special requirements necessary for successful migration.

The company's subscription to the source Project Online tenant was due to expire, so to avoid extending the subscription further, the migration project had a hard deadline. It needed to be completed in 2.5 months.

The subscription expiration constraints created an additional challenge regarding providing FluentPro access to the PWA. With a limited time, available to complete the project, the migration team and client came to a decision to proceed with the migration without providing FluentPro team the access to the source PWA for data download.

Instead, FluentPro worked closely with the customer's team and guided them through the operations that had to be done in the source PWA, including projects bulk publish, configuration download, projects, project sites and timesheets.

Some of the challenges faced by FluentPro during the migration related to the "state" of the source SharePoint data. There were errors related to historical sites. Before moving to Project Online, the client used Project Server. Some of the historical sites migrated from Project Server had issues in the source PWA, related to legacy features not supported in Project Online. While this migration wasn't implemented by the FluentPro team, our experts identified every SharePoint site with errors, remigrated them using a different site template and performed additional configuration to preserve both data integrity and visual similarity.

While performing a post-migration health check, FluentPro team discovered other issues related to broken Notebook links and site navigation, these issues were also successfully resolved.

Another challenge was related to the project workflows in Aumentum Technologies source PWA. Workflow design initially had no support of the 'skip to stage' feature, whereas this feature is critical for preserving projects at their stages during data migration. FluentPro Team provided necessary changes to the workflow design and migrated all projects successfully ensuring their workflow stage state in the target PWA is the same as it was in the source one.

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Provided Solution:

FluentPro Team completed a successful PWA data migration between Project Online tenants. The project was split into three standard phases:

- Preparation: planning, preparation of the migration infrastructure, getting necessary access.
- Test Migration: data download, upload, and verification, as well as mitigation for the issues that occurred during this phase.
- Production Migration: final data download, upload, and verification.

The migration project scope included PWA configuration and settings, around 200 resources, 50 projects and 80 SharePoint sites (some over 15 GB) and historical timesheets.

Our team provided an adjusted migration approach. Due to the restricted access to the source PWA it was not just migration as a service but a collaborative process.

The migration team provided a comprehensive guide to the customer's team instructing on the specific steps to be taken for downloading every part of data within the source PWA. By following the guide, the customer's team successfully completed all the necessary publish and download activities using FluentBooks.

All downloaded data was stored in the virtual machine provided by the customer for migration. Because FluentPro and the customer's team shared access to the VM, FluentPro had full visibility during the download processes, allowing the team to review operation logs and, where necessary, advise on corrections.

Once data was downloaded, the FluentPro team proceeded with the data uploads to the target PWA using FluentBooks, followed by automated and manual verification of the migration results.

After the target PWA with the migrated data passed user acceptance testing, the new environment went live.

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Values delivered:

All goals of Aumentum Technologies were completed, and FluentPro's migration as a service delivered great benefits:

- Successfully migrated source PWA actual and historical data, including all configurations, projects, project sites and timesheets to a target Project Online tenant.
- The client saved about 70% of time spent on migration.
- Using FluentPro's migration services, the company saved over \$80,000.
- There was a specific deadline that was met without overdue.
- Downtime during the final migration was as minimal as possible to ensure smooth end users' work with PWA.

Client feedback:

"Based on consulting costs from a previous migration effort, we estimate that we saved over \$80,000 by using FluentPro's services..."

"The FluentBooks product and consulting services were excellent, and I would recommend them to anyone looking to migrate their environment..."

"Your support team is excellent. They proactively reach out to you to help you resolve issues that you might even know you were having. Excellent!"

Dan Cullerton

Sr. Program Manager,
Aumentum Technologies

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About FluentPro Software Corporation

FluentPro is a US-based corporation helping organizations simplify and automate migration, implementation, configuration management, data protection, and integration of the Microsoft PPM solutions.

Since 2010, more than 500 leading enterprises use software products from FluentPro to effectively manage their Microsoft PPM Platform solutions, including Microsoft Project Online, Project for the Web, Microsoft Project Server, and Power Platform.

The company provides software and services to some of the largest businesses in the world, including Microsoft, NBS Universal, Good Year, Abbott, BOSE, Valeo, CyberPort, and Gulfstream.

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FluentPro Software Corporation

FluentPro offers solutions for migration, disaster recovery/backup, configuration management, administration, business intelligence:

- **FluentBooks**

Helps PWA administrators and consultants with migration and configuration management activities in Microsoft Project Online and Project Server.

- **G.A. Suite**

Provides tools to backup/restore/archive data, manage Microsoft Project Online configuration lifecycle, and implement governance policies.

- **Project Migrator**

Provides an automatic migration between project management systems like Project Online, Monday.com, Trello, Asana, Office 365 Planner.

- **Integration Hub**

Integrates Microsoft Project Online and third-party agile platforms, such as JIRA Software, Azure DevOps, Microsoft Office 365 Planner, and ServiceNow.

- **DataMart**

Provides organizations with the advanced business intelligence, analytics, executive reporting, trend analysis, and data visualization they need to make data-driven decisions.

To learn more about other FluentPro products or request a demo, please contact the FluentPro Sales Team: sales@fluentpro.com.

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