



CASE STUDY
APPLICATION & CLOUD SERVICES

DIGITAL PRODUCT LIBRARY

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Simplify product management process and increase efficiency of CAM programmers

PROJECT OBJECTIVES

Aim is to provide an easy-to-use library for product management purposes in the advanced machining industry, opened for integration with CAM systems.

The objectives were to design, develop, distribute and maintain a solution including:

- Ergonomic and fresh user interface
- Advanced 3D and 2D model visualization
- Dynamic load and updates of master data from online catalogs
- Ability to export data to different CAM systems
- Utilize and spread ISO standard
- Multilingual support of 19 languages
- Easy to distribute, set up and start working with

CUSTOMER BENEFITS

The solution is unique to its kind on the market. It is well known in the industry. Our client can realize tangible value and results in the following areas:

- Differentiation and competitive advantage. With the release of this solution, our client has created a further competitive advantage. By integration with its customers' CAM systems, our client is part of their core engineering processes.
- High productivity gain for end customers. Thanks to the new solution, the productivity of CAM engineers and developers has increased significantly. Instead of 2 hours, users get required data in 2 minutes.
- Strategic partnership with CAM software suppliers. Our client can offer cutting-edge solutions directly to the CAM programmers. Likewise, the CAM software products that are integrated to the solution are more attractive to end-customers.

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IPS EXPERTISE

IPS provided expert consulting, analytical and architectural work, solution design and development, graphic design, operation and maintenance.

TECHNOLOGIES USED

- C#, XAML, XML, HTML
- ADO.NET, Entity Framework 5, LINQ
- Angular 4, TypeScript, Electron
- WPF, Prism
- DocumentDB
- SOA, WebAPI, WCF, SOAP
- SSO, WIF, ADFS, Azure AD B2C
- CAM Systems
- Visual Studio, TFS, Git, SSMS, SSDT, Sandcastle
- PowerShell, WiX
- Windows, Windows Server, Microsoft Azure

