



## Turn Visual Studio into the most productive Software Factory!

### Fast Facts

**Partner:** SoftFluent  
**Web site:** [www.softfluent.com](http://www.softfluent.com)  
**Company Revenue:** \$3M  
**Country or Region:** France  
**Industry:** Software

### Partner Profile

SoftFluent is a Gold Certified .NET software development expert company. It has designed CodeFluent Entities, the 1<sup>st</sup> fully model-driven software factory for .NET.

### Solution Profile

CodeFluent Entities guarantees automatic best practices of Microsoft architecture implementation including: Windows Forms, WPF, ASP.NET, Silverlight, Office, SharePoint, mobile platforms & Azure.

### Software used

- Visual Studio 2010
- .NET Framework 4.0
- SQL Server 2008
- Windows Presentation Foundation
- CodeFluent Entities

For more information about other Microsoft customer successes, please visit: [members.microsoft.com/customerevidence](http://members.microsoft.com/customerevidence)



*"CodeFluent Entities has greatly increased our development productivity and quality."*

François Miton, R&D Manager, Cegid

### Business Needs

Leading French publisher of management software, with a sales turnover of € 248 M in 2008, the Cegid group's know-how is based on both its "business" (specialized retail, industry, hotel and restaurant) and its "functional" (book-keeping, fixed assets, taxation, and pay) expertise.

### Business Challenges

Cegid faced the challenge to implement an added value 'Yourcegid' solution to complement Cegid's Retail ERP for the management of specialized outlets.

It was also critical to focus our R&D on value creation for our business.

### Technical Challenges

The technical aspect of the challenge was to address a triple-pronged approach: reactivity, data volume and interoperability.

Transitioning the teams from old to new technology in the process, was also a significant challenge.

### Partner Solution

CodeFluent Entities is a Visual Studio 2008/2010 integrated environment that helps you master present and future Microsoft .NET development technologies.

It is a model-first tool for continuous generation of all your application layers (user interface, services, business tier and database) that preserves your custom code.

It is very flexible and extensible to adjust to any architectures or custom constraints.





VOUS AVANCEZ NOUS AVANÇONS

*"We minimize technological risks while ensuring the durability of our investments."*

François Miton, R&D Manager, Cegid

## Benefits

### Productivity and quality increase

With CodeFluent Entities, we significantly reduced the time of implementation and the cost of maintenance of our applications. Within two years, we were able to create four business modules (master data, collectioning, replenishment and open-to-buy) to meet advanced needs.

### Performance criteria

Thanks to CodeFluent Entities, the foundation for this new offer proved particularly robust and three of the modules have already been deployed with customers whose activity is strongly conditioned by significant performance and volume constraints.

### Microsoft technology innovation management

Extremely powerful, .NET Technologies are also highly complex to use. With CodeFluent Entities, this complexity can be partially concealed through the automation of low-level technical tasks which, though necessary, have little added value.

### Business-focused efforts

The model-driven approach focuses efforts on the business-model design, since CodeFluent Entities generates the technical code, takes care of architectural correctness, and implements systematic elements such as persistence.

### Risk minimization and durability

The modern approach to development deployed within our R&D focuses on value creation for our business. By using a software factory, we minimize technological risks while at the same time ensuring the durability of our investments, since support for newer architectures is essentially built-in within CodeFluent Entities.

### Leverage of the whole Microsoft stack

The Microsoft technology stack is very complete. Leveraging of its capabilities without a clear methodology can be a challenge though. CodeFluent Entities brings you this methodology.

### Availability inside Microsoft Visual Studio

CodeFluent Entities Modeler gives you the modelling and generation capabilities directly inside Microsoft Visual Studio, a very powerful development tool.

