



Cogility Studio™

Overview

Cogility Studio™ is a unique, advanced, and proven Model Driven Engineering [MDE] tool set. Engineering teams use it to author and manage software systems (software, services, communications, deployments, etc.).

Cogility Studio effectively and elegantly addresses the need to develop and deploy enterprise level composite applications. This enables developers and users to solve problems involving crosscutting, complex data, and process intensive requirements.

One key differentiator of *Cogility Studio's* is semantic extensibility. Work is performed at a higher level, and thus more directly expressed from the business requirements. New constructs can be added to maintain the focus on the business and reduce repetitive, error-prone purely technical overhead.

Another of *Cogility Studio's* key differentiators is a holistic, directly executed Model. The principle benefits include:

- ☞ It expresses the software problem as a system (versus a set of components that must be integrated). This allows for the generation of a single set of executable artifacts, which results in system behavior that accurately reflects the Model (i.e. requirements).
- ☞ The Model and the executable software are always consistent, thereby allowing the Model to be used throughout the lifecycle. This enables unprecedented speed in responding to new requirements or market conditions.
- ☞ Integrated configuration management and model consistency checking ensure that the model semantics are executable, which in turn reduces errors and increases software reliability.
- ☞ Cogility Studio™ is constructed to avoid being disruptive within the enterprise. It adapts to your legacy systems, in their native terms. This effectively leverages existing investments, while cost effectively adding capability, reliability and agility to the enterprise.

Market Applications

- ☞ Composite Applications
- ☞ Business Process Management (BPM) and Process Orchestration
- ☞ Decision Support Analytics

Capabilities

- ☞ Targeted executable, open standards UML 2.0 Modeling
- ☞ Model deployment - Single-click push to runtime environment
- ☞ Reusable Modules – CEP, Risk, Security, Ember JS data integration,
- ☞ Cogility Insight – web browser based application monitoring and administration utility

Market Differentiators

- ☞ Software development speed and agility – Single set of software artifacts
- ☞ Advanced analytics - Hierarchical Complex Event Processing
- ☞ Business focused - Complete and extensible modeling environment
- ☞ Project control and tracking - Integrated Configuration Management