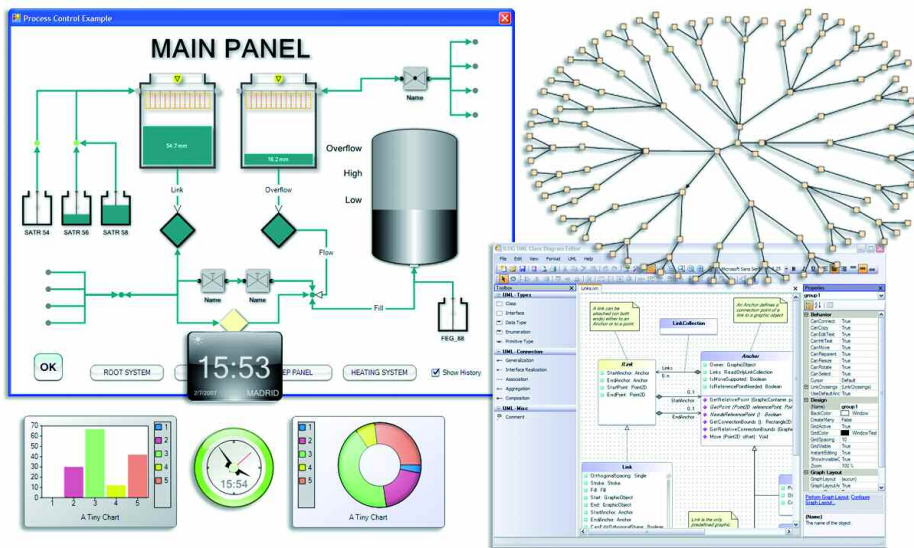


ILOG Diagrammer for .NET

Diagram and dashboard displays
for the .NET platform



Keep an eye on your operations

To effectively monitor and supervise operations, businesses must rely on dynamic graphical user interfaces that quickly and intuitively convey information. ILOG Diagrammer for .NET is specifically designed to help developers create these custom information displays. It is particularly well-suited for network, process and workflow monitoring, as well as executive dashboards, process control, and supervisory control and data acquisition (SCADA) applications.

Enrich your .NET user interfaces

Add intuitive diagram displays to your .NET desktop or Web-based applications. ILOG Diagrammer for .NET comes with a comprehensive set of components and tools, including a software development kit (SDK), for creating Windows Forms, Ajax-enhanced Web Forms and Windows Presentation Foundation (WPF) applications. It also fully integrates with Microsoft Visual Studio (both VS2005 and VS2008). You'll find it easy to build user-friendly diagrams that clearly show the complex relationships between corporate assets, or sophisticated graphical dashboards for monitoring business, IT or industrial activities.

Create custom modeling editors

In addition to creating custom graphical displays for monitoring and supervising operations, ILOG Diagrammer for .NET is also ideal for building graphical modeling tools. It is shipped with three graphical editing tools: Diagram Designer, Unified Modeling Language (UML) Class Diagram Editor and Business Process Modeling Notation (BPMN) Editor. These editors can be rebranded and used "as is," or because they include all their source code, they can be enhanced to create more sophisticated modeling editors.

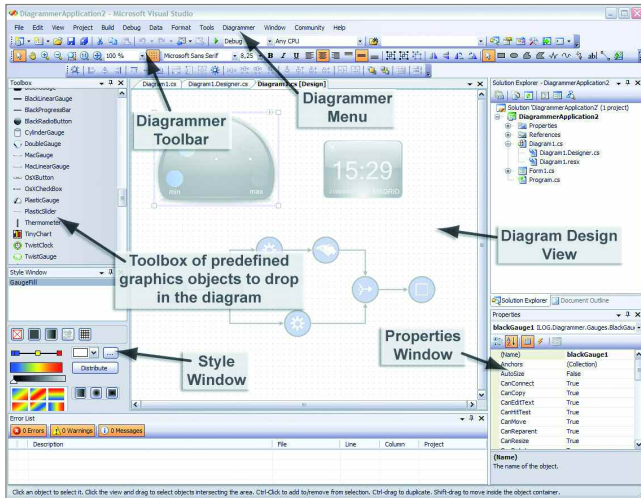
- Intuitive diagram displays
- Built-in graph layout services
- Custom graphics for dashboards and diagrams
- Fully integrated with Microsoft Visual Studio
- Supports WPF diagram displays
- Deploy to desktop or Web



Changing the rules of business™

ILOG Diagrammer for .NET

A complete development environment for editing diagrams



ILOG Diagrammer for .NET menus in Visual Studio

Complete integration with Microsoft Visual Studio

ILOG Diagrammer for .NET fully leverages Microsoft's Visual Studio integrated development environment (IDE). This integration covers all aspects of the development cycle, including:

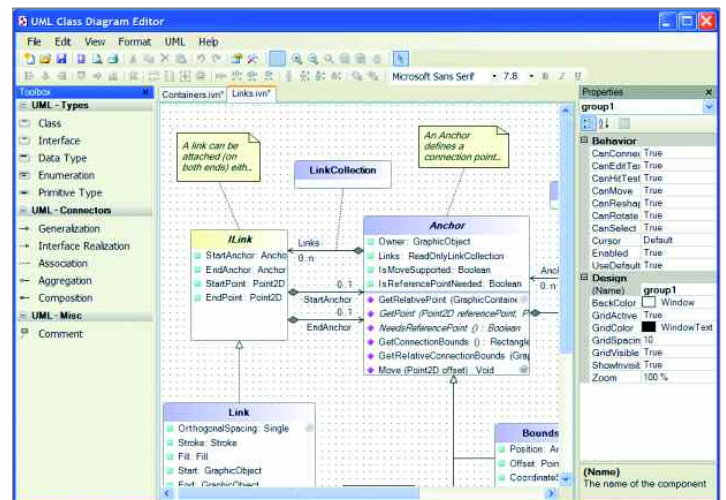
- Editing environment for making custom dynamic symbols and managing diagrams in the application
- On-the-fly code generation to ease the implementation of graphical behaviors
- Advanced toolboxes and property editors to facilitate configuration
- Wizards to generate skeletons of Winforms and ASPNET applications and editors
- WPF services to process XAML (the XML language of WPF) to easily create sophisticated diagram displays
- Direct access to online product documentation

Easy editing for specialized tasks

In addition to full integration with Visual Studio, ILOG Diagrammer for .NET also provides a set of customizable editors built atop the IDE for specialized purposes. These include a Unified Modeling Language (UML) class diagram editor, a business process modeler that implements Business Process Management Notation (BPMN), and a generic diagram editor. These editors come equipped with rich palette sets of graphic objects that include gauges, meters, knobs, scales, BPMN notation and UML symbols.

Rapid application development

ILOG Diagrammer for .NET is delivered as a set of Windows Forms, Web Forms and WPF components, as well as a complete, full-featured SDK that can be accessed whenever an application's requirements need enhancements to the out-of-the-box feature set. The product is also delivered with sets of common, ready-to-use graphical symbols, an editor for creating more symbols, and editors for assembling these symbols for diagrams or dashboards. Written entirely in C#, ILOG Diagrammer for .NET perfectly complements other Windows Forms and Web Forms user interface components, and can be accessed from any .NET platform language, including Visual Basic.



UML editor developed with ILOG Diagrammer for .NET

Make the complex easy

Automatic graph layout algorithms

Large operations with high numbers of interrelated parts and processes are difficult to model in a large diagram because the many objects and lines clutter the display. Graph layout algorithms tackle this problem by automatically rearranging these screen elements, making the complex diagrams much easier to understand. ILOG Diagrammer for .NET provides a full set of graph layout algorithms that covers the most common application needs. The user selects the design, and the algorithms optimize the graphs to ensure their readability and comprehension by users.

ILOG Diagrammer for .NET algorithms include hierarchical, tree, force-directed, grid and link layouts. Each algorithm includes dozens of parameters to fine-tune the desired result. In addition, the product fully supports the common diagram features known as subgraphs, intergraph links, pools and swim lanes.

Windows Forms and Web Forms/ASP.NET 2.0 Ajax controls in a single product

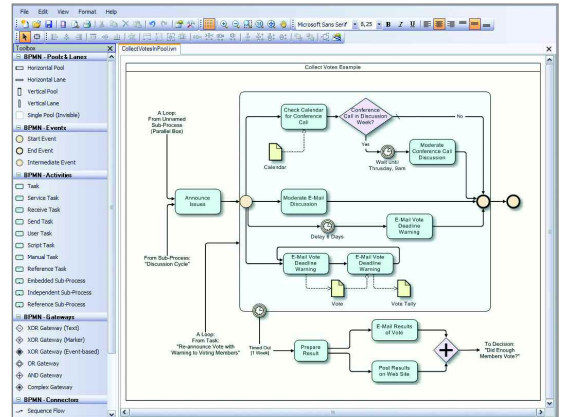
Diagrams built with ILOG Diagrammer for .NET can be deployed to the desktop (Windows Forms) or the Web (Web Forms). Ajax controls enable direct diagram editing from a Web browser, and efficient refreshes during panning or zooming. Ajax gives end users desktop performance from Web-based applications.

WPF Support

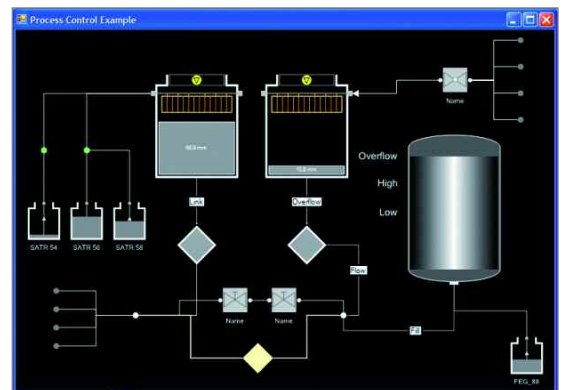
ILOG Diagrammer for .NET also provides a library for building diagram displays in WPF. Developers can use Visual Studio 2008's WPF design services to create diagrams with many advanced styling and layout capabilities. Diagrams can be defined in XAML, automatically arranged by the graph layout algorithms, and easily customized using the styling and templating features of WPF. When used in conjunction with Microsoft Expression Design and Expression Blend, ILOG Diagrammer for .NET and VS2008 offer a powerful new system for creating diagram displays.

Scalability and flexibility

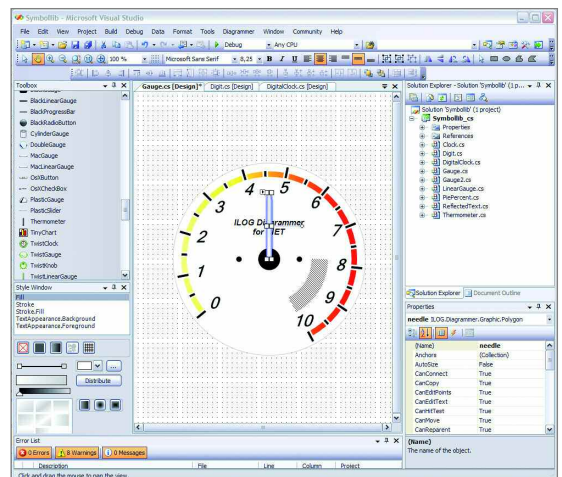
ILOG Diagrammer for .NET can handle hundreds of thousands of graphic objects, and offers the means to extend their out-of-the-box capabilities with a rich, fully documented SDK. These properties have always distinguished ILOG's visualization products, as most other visualization development systems on the market are unable to scale to the same degree, and lack professional documentation and customization support.



BPMN Editor



Process control screen



Custom symbols built in Visual Studio

ILOG Diagrammer for .NET

Typical applications

ILOG Diagrammer for .NET is specifically designed to meet the requirements of the most demanding applications. These include the following:

Application needs	Typical examples	Main benefits
Modeling processes, flows and networks	<ul style="list-style-type: none"> Modeling tools for BPM, workflow, WS choreographies and service-oriented architecture (SOA) 	<ul style="list-style-type: none"> Prebuilt BPMN modeler Subgraphs, swim lanes Automatic graph layout Creation of custom animated symbols from within Visual Studio (VS) AJAX-based modeling
Visualizing and editing relationships	<ul style="list-style-type: none"> Organizational charts UML class diagrams Database schemas Website topologies Network views in project management applications Life science (metabolism chains) 	<ul style="list-style-type: none"> Prebuilt UML editor Automatic graph layout, subgraphs Prebuilt customizable diagram editor Creation of custom symbols from within VS Rich internet applications based on ASP.NET 2.0
Creating and deploying graphical dashboards	<ul style="list-style-type: none"> Business intelligence Business activity monitoring Administration tools 	<ul style="list-style-type: none"> Dashboard editor as a standalone application or from within VS Prebuilt symbols such as gauges and instruments Creation of custom animated symbols from within VS Animations Rich internet applications based on ASP.NET 2.0
Developing custom intuitive user interfaces	<ul style="list-style-type: none"> Process control SCADA in utilities, energy and transportation Engineering displays (ex: electrical diagrams, floor plans) Facility monitoring (ex: airport and metro supervision systems) Reservation systems (ex: plane and theatre systems) 	<ul style="list-style-type: none"> Customizable human-machine interface (HMI) screen editor as a redistributable application Prebuilt symbols such as gauges, instruments Creation of custom animated symbols from within VS High-performance displays (loading and refreshes)

Learn more

For more information on ILOG Diagrammer for .NET and to view demos of the product, visit <http://diagrammerfornet.ilog.com>.

ABOUT ILOG

ILOG delivers software and services that empower customers to make better decisions faster and manage change and complexity. Over 2,500 corporations and more than 465 leading software vendors rely on ILOG's market-leading business rule management system (BRMS), supply chain planning and scheduling applications and optimization and visualization software components, to achieve dramatic returns on investment, create market-defining products and services, and sharpen their competitive edge. ILOG was founded in 1987 and employs more than 800 people worldwide. For more information, please visit www.ilog.com.

ILOG Worldwide Information Center – Tel: 1-800-FOR-ILOG (US only) or +1 775 881 2800 (International) • URL: <http://www.ilog.com>
Australia – ILOG Australia Pty. Ltd. – Sydney – Tel. +61 2 82 48 28 00 – E-mail: info-au@ilog.com
China – ILOG (S) Pte. Ltd. – Beijing Representative Office – Tel. +86 10 8518 1080 – E-mail: info@ilog.com.sg
France – ILOG S.A. – Gentilly – Tel: +33 (0)1 49 08 35 00 – E-mail: info@ilog.fr
Germany – ILOG Deutschland GmbH – Bad Homburg v.d.H. – Tel: +49 6172 40 60 – 0 – E-mail: info@ilog.de
Japan – ILOG Co., Ltd – Tokyo – Tel: +81 3 5211 5770 – E-mail: info@ilog.co.jp
Singapore – ILOG (S) Pte. Ltd. – Singapore – Tel: +65 67 73 06 26 – E-mail: info@ilog.com.sg
Spain – ILOG S.A. – Madrid – Tel: +34 91 710 2480 – E-mail: info@ilog.es
UK – ILOG Ltd. – Bracknell – Tel: +44 (0) 1344 66 16 00 – E-mail: info@ilog.co.uk
USA – ILOG, Inc. – Sunnyvale, CA – Tel: +1 408-991-7000 – E-mail: info@ilog.com
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