

Business Information Modeler

The Business Information Modeler (BIM) is a tool for graphically creating, sharing, and maintaining business information models.

At the heart of the Modeler application is a user interface for drawing, structuring, and defining the attributes of types of business entities. The application packages these information objects into models that can be shared and iteratively developed by data and application architects. The ability to print and export the model information to popular applications also improves communication between architects and business users.

In addition to acting as a modeling and collaboration tool, the Modeler reads, builds, and validates models that conform to the Magnitude architecture. Through the Model Exchange Service™ (MXS), models can be extracted from and deployed into Magnitude MDM and DIW.

The Business Information Modeler is two applications that are installed separately:

- **Modeler application**

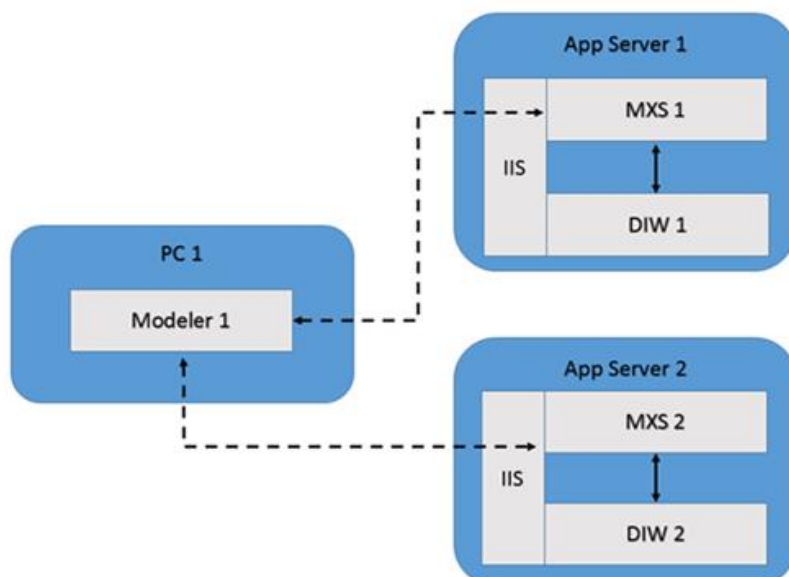
The Modeler consists of the user interface, business logic, serialization components and export adapters. Application users may design, save, and open information models independently of other Magnitude products.

The Modeler user interface employs the Microsoft Windows Presentation Foundation (WPF) and the Microsoft .NET framework. The Business Information Modeler Installation Guide includes instructions for obtaining and installing .NET.

- **Model Exchange Service (MXS)**

MXS is an adapter between the Modeler and Magnitude MDM and/or DIW. This component is required to extract models from DIW or MDM and/or deploy them to the Magnitude applications.

Model exchange can occur throughout the information management life cycle. For example, a model can be deployed to a Dynamic Information Warehouse instance, extracted from the warehouse and refined in the Modeler, then redeployed.



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The Model Exchange is hosted by Microsoft Internet Information Services, as a Web service application. MXS must be installed on a DIW Application Server. Please reference the [DIW platform support matrix](#).

MXS requires additional resources on the application server with IIS. (*not required for free version*)

Supported Systems

Windows

Windows 7 Professional (IIS 7.5)

Windows 8 Pro (IIS 8.0)

Windows 10 Pro (IIS 8.5)

Windows Server 2012 (IIS 8.0)

Windows Server 2012R2 (IIS 8.5)