

Kayxo Insight 2.4 Technical Whitepaper

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Kayxo Insight Technical Whitepaper Abstract

Kayxo Insight is a powerful platform that provides a lightweight information access from within Microsoft Outlook to various data sources.

Kayxo Insight accelerates the development of fully-featured and secure applications inside Microsoft Outlook.

Kayxo Insight is not an out-of-the-box, one-size-fits-all application. It is rather a highly configurable and highly extendable framework for implementing customized solutions called Kayxo Insight Applications.

Each Kayxo Insight Application provides a configuration that tells Kayxo Insight how it should operate.

Additionally, the Kayxo Insight Application may also add various extensions to the Kayxo Insight framework. These extensions can be data source modules (providing folders or data sourcing), custom inspectors (providing item inspection capabilities) or custom user controls to be used in Microsoft Outlook views.

Audience

This whitepaper is intended for application developers, end users and solution owners.

Requeriments

In order to be installed, Kayxo Insight requires:

- Microsoft Outlook 2003 Service Pack 3 or Microsoft Outlook 2007 Service Pack 2.
- Microsoft .NET Framework version 2.0.
- Microsoft Windows XP SP3 or Microsoft Windows Vista SP2 32 or 64 bits.

What Kayxo Insight provides

- Simplified programming environment to manage any business information in only one well known interface as Microsoft Outlook.
- Support to Microsoft SQL Server, Oracle, Access, OleDB, Excel and Web Services.
- Full Integration with Microsoft Outlook Advanced search capabilities.
- Support to Context menu for custom actions, Custom Inspectors and custom .Net Forms.
- Friendly and visual configuration tools to map your data to Microsoft Outlook Objects.
- Dynamic folders management based on your backend data.
- Free/busy availability information.
- No needs for synchronization or managing a local copy of the data.
- Multiple Message Stores available at the same time.
- Tools to make easier to distribute your applications.
- Runtime edition with no configuration available for end-users.

For a good example of an application built using **Kayxo Insight**, you can visit www.getkigoo.com

Kayxo Insight Architectural Overview

Kayxo Insight solutions act as mediators between Microsoft Outlook and multiple corporate systems. Kayxo Insight facilitates the sourcing of data from corporate systems and provides data to Microsoft Outlook, so users can access information using Microsoft Outlook front-end.

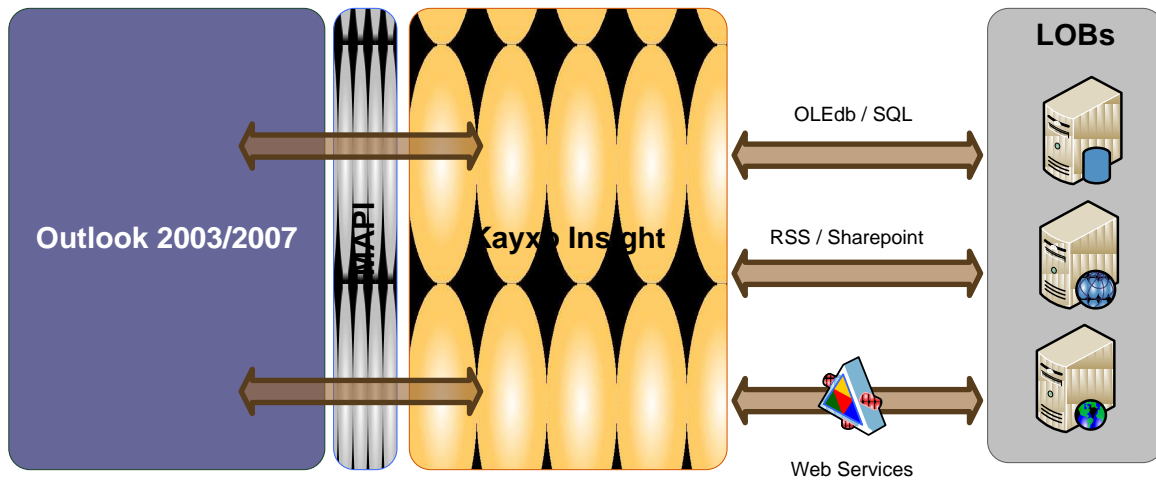


Figure 1

Kayxo Insight interacts with Microsoft Outlook through the Messaging Application Programming Interface (MAPI) sub-system. Microsoft Outlook, being a powerful MAPI client, supports the instantiation of custom-made message store providers.

The **Message Store Provider** modules work as MAPI-.Net translators and their main purposes are:

- Creating abstraction layers between MAPI interface and traditional data adapter interfaces like ADO.Net, allowing .Net developers to create their own data sources without knowing MAPI internals.
- Providing folder structures to Microsoft Outlook.
- Providing custom data to Microsoft Outlook to be displayed in folders.

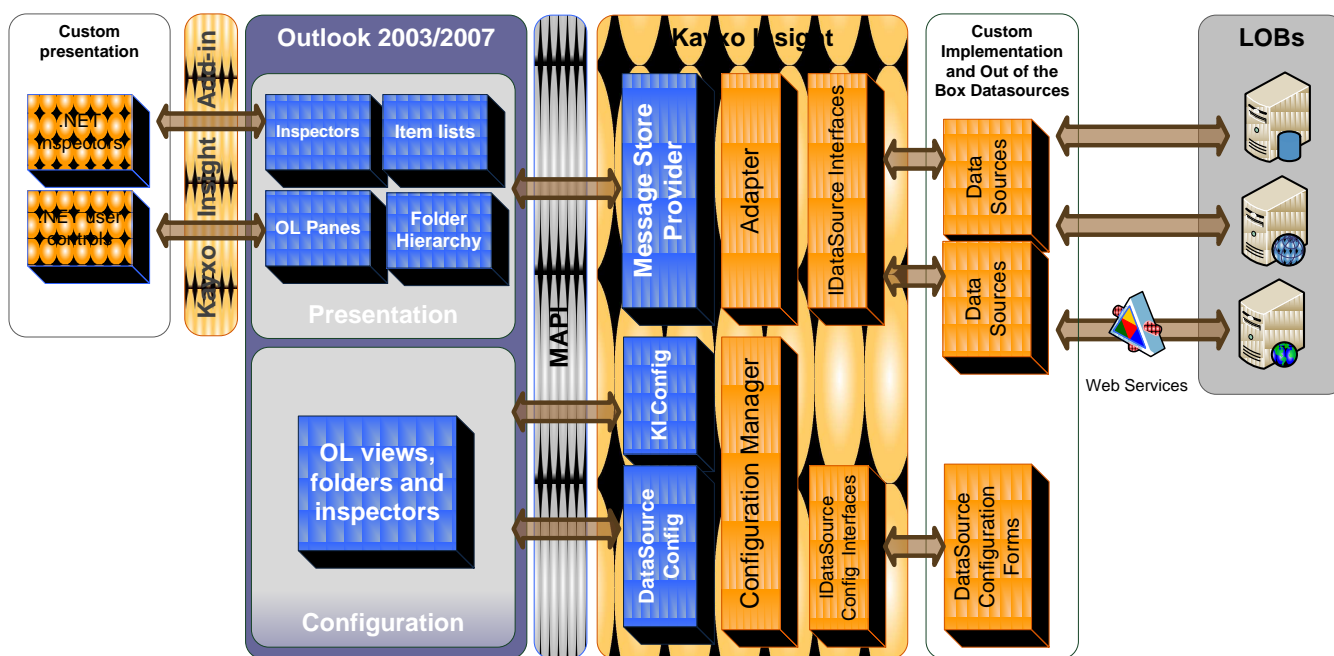


Figure 2

Software developers who want to present the company business data inside Microsoft Outlook using Kayxo Insight must build components that implement the provided interfaces.

Data Source Components

Database choice is the preliminary task to create the Kayxo Insight Application.

For each data source used, the DataSource component is required. Kayxo Insight offers data source components for selected databases.

If the data source is not supported, then a custom data source component must be developed. Custom Data Sources are standard .Net assemblies and should be developed using Microsoft Visual Studio.

About Kayxo

Kayxo is an international software vendor based in Hovedgaden, Denmark, and founded in 2004. The company currently employs more than 40 people across its offices in Denmark, Germany and Argentina.

Kayxo provides recognized tools that connect Line of Business (LOB) systems with the enterprise communication platform.

For more information, please visit www.kayxo.com

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