

MindManager®

Server

Introduction to MindManager® Server

INTRODUCTION TO MINDMANAGER SERVER

MindManager Server gives companies utilizing Microsoft® SharePoint® the ability to view and display Mindjet map (.mmap) files directly within the SharePoint environment, without requiring any proprietary software installed on the user's local computer. In addition, you can configure the SharePoint server to let users edit maps directly from SharePoint lists and embed map Web Parts in your SharePoint sites.

High-level Technical Overview

MindManager Server is a SharePoint Solution Package and works completely within the SharePoint framework. There are no external dependencies, such as the custom databases or external services that other SharePoint solutions sometimes use.

The product is comprised of the following features, each functioning at a different logical level in SharePoint:

- **Administration**—works at the server farm level by provisioning the Mindjet Administration page to SharePoint's Central Administration.
- **MindManager Server**—works at the web application level to add all core mapping functionality to a SharePoint web application, including **Save**, **View in Browser**, **Edit in Browser**, **Open in Desktop**, and **New Map**. Also, any new site collections created in the web application will automatically have MindManager Server functionality.
- **Web Part**—works at the site collection level and deploys the dashboard map Viewer Web Part to be included in any SharePoint Web Part page.
- **IFilter**—works at the farm level to add indexing functionality to .mmap files for use in SharePoint searches.

Installation

MindManager Server integrates with any flavor of SharePoint 2010 or 2013, including the FREE WSS 3.0 and SharePoint Foundation 2010-only installations. The application works across an entire server farm, regardless of how many servers are in the farm.

MindManager Server does not work with Microsoft Office 365™ or SharePoint Online.

MindManager Server can be either automatically or manually installed.

- **Automatic Installation:** SharePoint Administrators can run the auto-installer on a single server within their SharePoint server farm using the same administration account they usually employ. The installer has the ability to upgrade solutions, so any future versions can be installed using the same simple process.

No server reboot is necessary: the solution deployment (similar to most other solution deployments) will automatically reset IIS.

- **Manual Installation:** SharePoint Administrators can use their standard SharePoint solution deployment process (**Stsadm**). Future versions can be installed using the **stsadm -o upgradesolution** command, eliminating the need to manually deactivate and uninstall the older solution first before installing the newer version.
- **IFilter:** The IFilter must be installed separately and the Administrator needs to run it on every Indexing server in the Farm. Please see the *Mindjet IFilter Manual Installation* (available on the download site) for more information.

Security

The availability of map editing functionality is controlled by the SharePoint security model. MindManager Server honors users' SharePoint read/write permissions to documents. There are two modes for saving SharePoint data in a map: secure and unsecure. Users who have edit privileges for a .map will have the ability to save in either mode.

SharePoint Disaster Recovery plans

The only MindManager Server information stored within the SharePoint environment are the unique licenses, which are stored in the content database. In a standard SharePoint Disaster Recovery plan, the content database is backed up—and, therefore, the unique licenses will be backed up along with it.

Migrations from One Version of SharePoint to a Newer Version

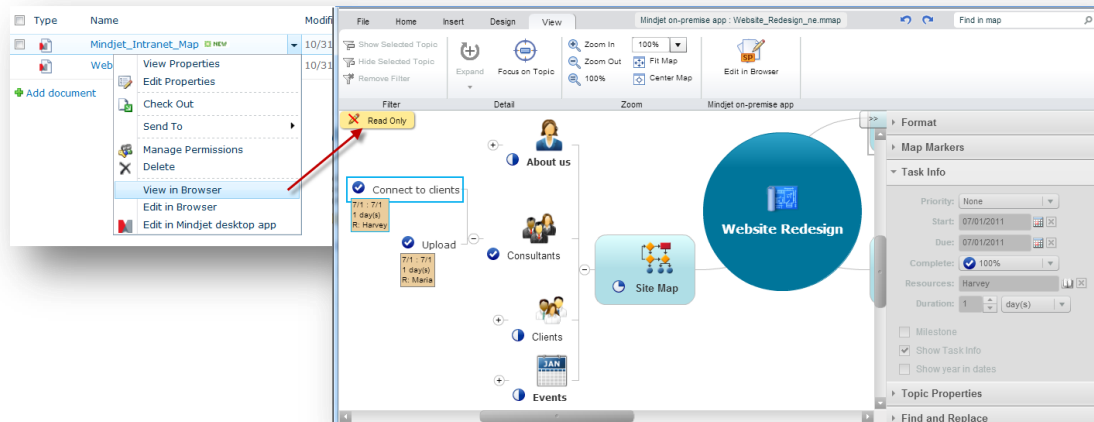
For customers who are using SharePoint 2010 and planning to migrate to SharePoint 2013, the same installer and license key can be used to enable MindManager Server in the customer's new environment. All unique licenses are migrated to the updated version of SharePoint as part of migration process.

Functionality

MindManager Server adds four distinct capabilities to the SharePoint environment:

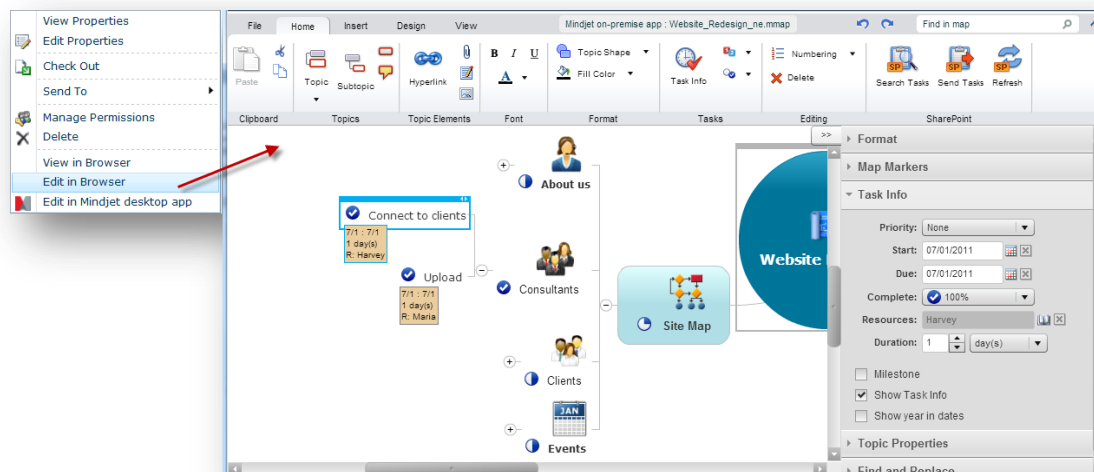
1. **View maps:**

This allows users with SharePoint access to view any map stored in a document library. Users can select **View in Browser** from the document list to open the selected map in Mindjet.



2. Edit maps:

This allows users with SharePoint access to edit any map stored in SharePoint. Users can select **Edit in Browser** to open and begin editing a map.

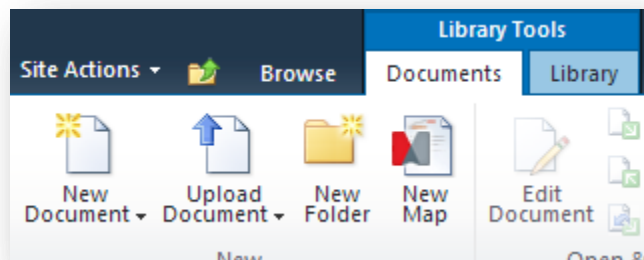


3. **Interact with SharePoint items:**

This allows users to both search and create SharePoint tasks from a map. Once a task has been sent to SharePoint, or brought into a .mmap file via the SharePoint search, data from the task will be synched bi-directionally between the map and SharePoint.

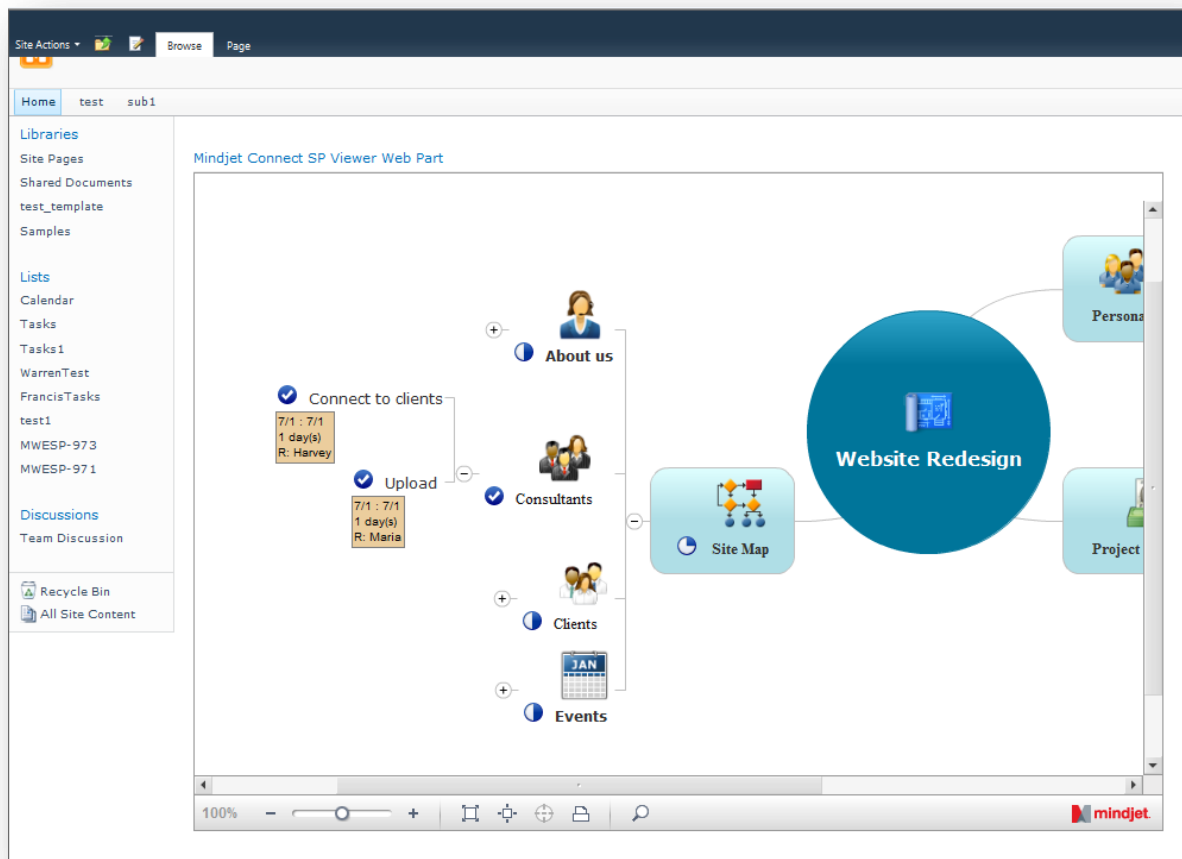
4. **Create new maps from SharePoint:**

This allows SharePoint users to create new maps from the document library. A template library is installed with each site collection and SharePoint Administrators can add templates that they would like users to have access to.



5. MindManager Server Viewer Web Part:

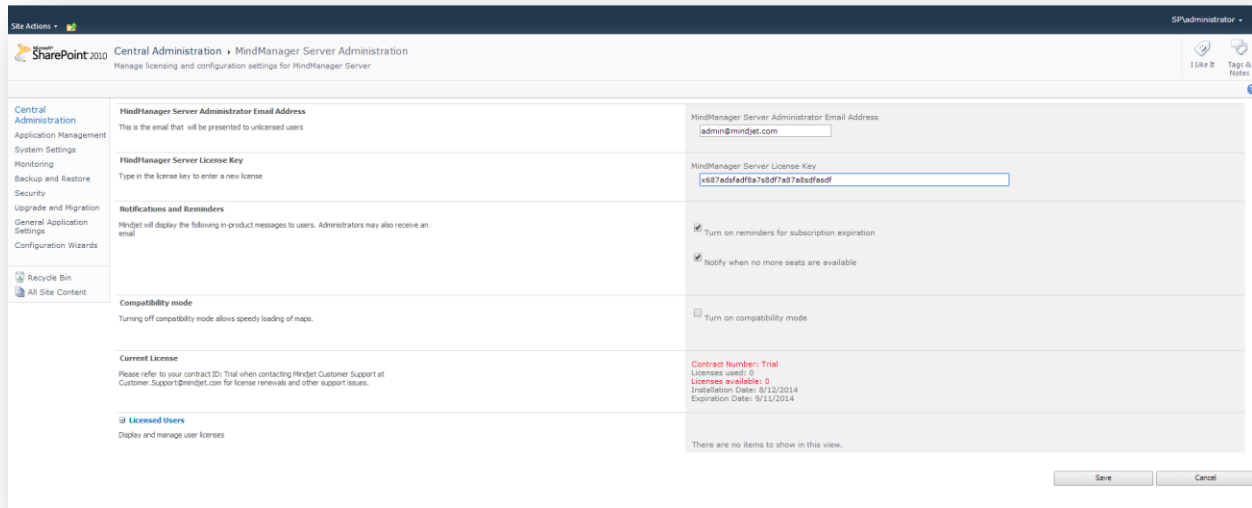
This allows a user with page edit privileges to add a Web Part to a SharePoint page that displays a Mindjet map. The Web Part references a map file stored in a SharePoint document list and displays it in an embedded viewer in the user's SharePoint page.



For more information about using the Mindjet Viewer:

1. Click the **Mindjet** button on the Viewer's bottom toolbar.
2. Then click **Mindjet Viewer Help**.

License and Administration



The MindManager Server Administration page allows a SharePoint administrator to view the following:

- **MindManager Server Administrator email address**—this email address is displayed in error messages sent to users, so that they can contact the Administrator directly. Warning messages relating to license key expiration or license non-compliance also contain this email.
- **License Key**—if the Administrator does not enter a license key into the product during installation, the installed system will be a trial version of MindManager Server. Trial versions expire 30 days after the installation date.
 - If you purchase additional user licenses or extend your subscription term for MindManager Server, you will be given a new license key. After the Administrator enters the new license key, the number of Licenses Purchased (see below) and/or the Contract Expiration Date (see below) will be updated within the product to reflect your purchase, and will include the total number of user licenses allowed during your new subscription term.
- **License Contract Number**—each SharePoint server farm installation will have its own contract associated with it. If you need to purchase additional licenses, you must reference this License Contract Number when you call your sales representative.
- **Licenses Purchased**—this is the total number of user licenses that have been purchased for the server farm installation.
- **Licenses Used**—when a user saves a map into SharePoint from MindManager Server, they are counted as a Licensed User. (Note: users who view maps and/or edit maps *without* saving the changes back into SharePoint are *not* counted as Licensed Users.) You can control the number

of users who will be counted as Licensed Users by setting map file permissions in SharePoint to read-only, so that the user (or user group) cannot save changes back to the SharePoint location.

- Users are considered Licensed for 90 days from the date they last saved a map from Mindjet into SharePoint; if a user does not access the application for 90 days, they are no longer considered a Licensed User.
- When the number of licenses used exceeds the number of licenses purchased, any additional users (those not already counted as Licensed) who attempt to save a map from Mindjet into SharePoint will receive a warning message containing the Administrator email address. Note: these un-licensed users will still be able to save the map they are working on when they receive the notification; they simply need to close the error message first.
- **Installation date**—The MindManager Server license expires after the license period lapses.
 - **Contract Expiration date**—two weeks after the Contract Expiration date, users will receive a warning message when they use MindManager Server advising them that the license has expired. If the administrator has entered an email address in the SharePoint Administrator email address field, this address will be displayed in the warning message so that users will know who to contact.
 - **Licensed Users**—this displays the names of users who have saved maps into SharePoint and the last date they have saved a map.

MindManager Server Editor

Customers wishing to provide edit privileges to additional users using the MindManager browser can purchase MindManager Server Editor licenses.

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