

# **Wizdom Exchange Connector Administrator's Guide and User's Guide**

**Version 1.5**

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## 1. Introduction

The Wizdom Exchange Connector web parts show data from Microsoft Exchange on a SharePoint 2010, SharePoint 2007 or WebtopONE Portal/CMS page. Exchange Servers version 2007 and 2010 are supported. Earlier Exchange Server versions are not supported.

The Exchange Connectors consist of three web parts:

- Mail Connector
- Calendar Connector
- Multi Calendar Connector

The web parts extract information from Microsoft Exchange Server, and display this information on a SharePoint or WebtopONE portal in a very compact way.

The web parts use Microsoft Silverlight, i.e. Silverlight must be installed on the clients.

The illustrations below show the Multi Calendar web part in a SharePoint and a WebtopONE Portal/CMS environment.

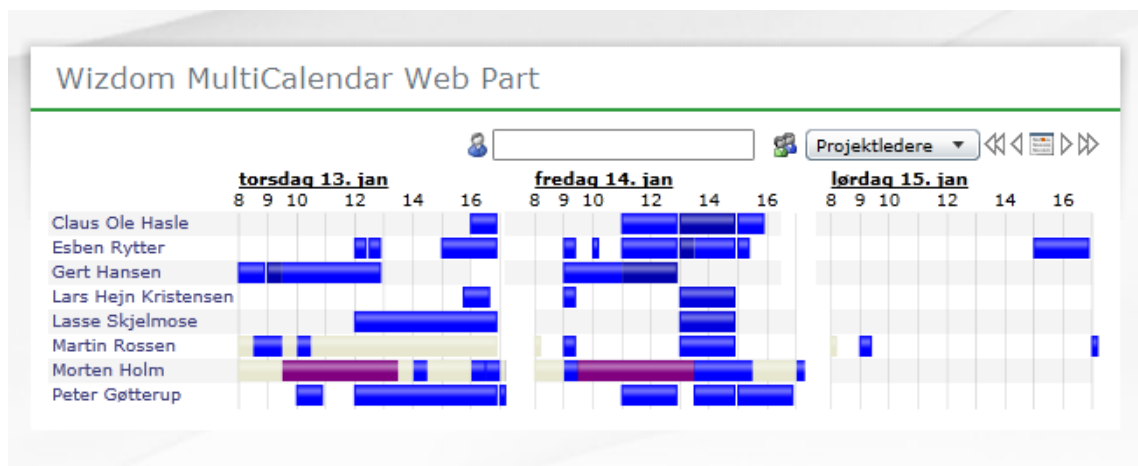


Fig. 1 - Wizdom Multi Calendar Connector in a SharePoint environment

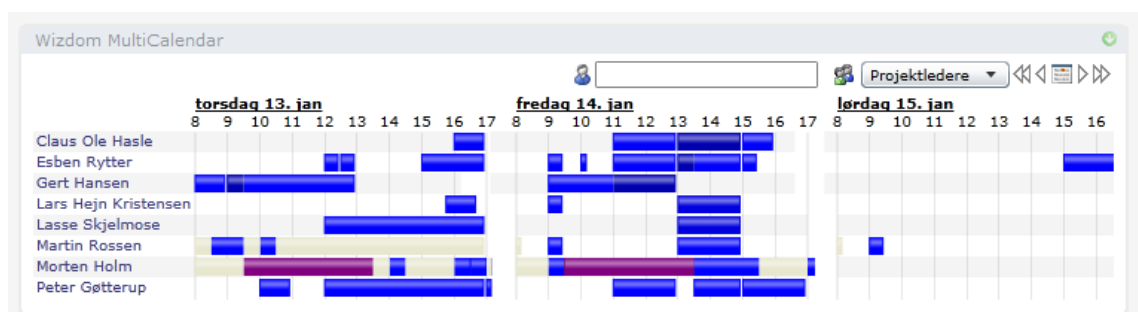


Fig. 2 - Wizdom Multi Calendar Connector in a WebtopONE Portal/CMS environment

## 2. Basic concepts, requirements and limitations

Four parties are communicating when the Exchange Connectors work:

- The Browser (Internet Explorer) on the client computer
- The Web Server (SharePoint or WebtopONE Portal/CMS)
- The Exchange Web Services.
- The Domain Controller(s) holding the Active directory

The Web Server controls the web part, i.e. its position on the portal page and its configuration and personalization.

The web server uses Active Directory to get information about users and groups.

The web part itself is implemented in Microsoft Silverlight and it uses the browser to communicate directly with Exchange Web Service using the user's own credentials. This way the web part always shows information consistent with the user's actual access rights. Only information, that the user has read access to will actually be displayed. Microsoft Silverlight must be installed on the client computer.

When the web part is communicating with Exchange Web Services, this is by nature "cross domain" communication. This is because the Silverlight program in the web browser is loaded from the web server, but is accessing information from a different server (the Exchange server). In order to allow this "cross domain" access, an xml file must be placed on the Exchange Server(s) running the Exchange Web Services.

This file is called `clientaccesspolicy.xml` and must be placed in the root of the Web Server running the Exchange Web Services. If the Exchange Web Services are located at the address <https://EWS.domain.com/EWS/Exchange.asmx>, the file must be available from the browser at the address <https://EWS.domain.com/clientaccesspolicy.xml>.

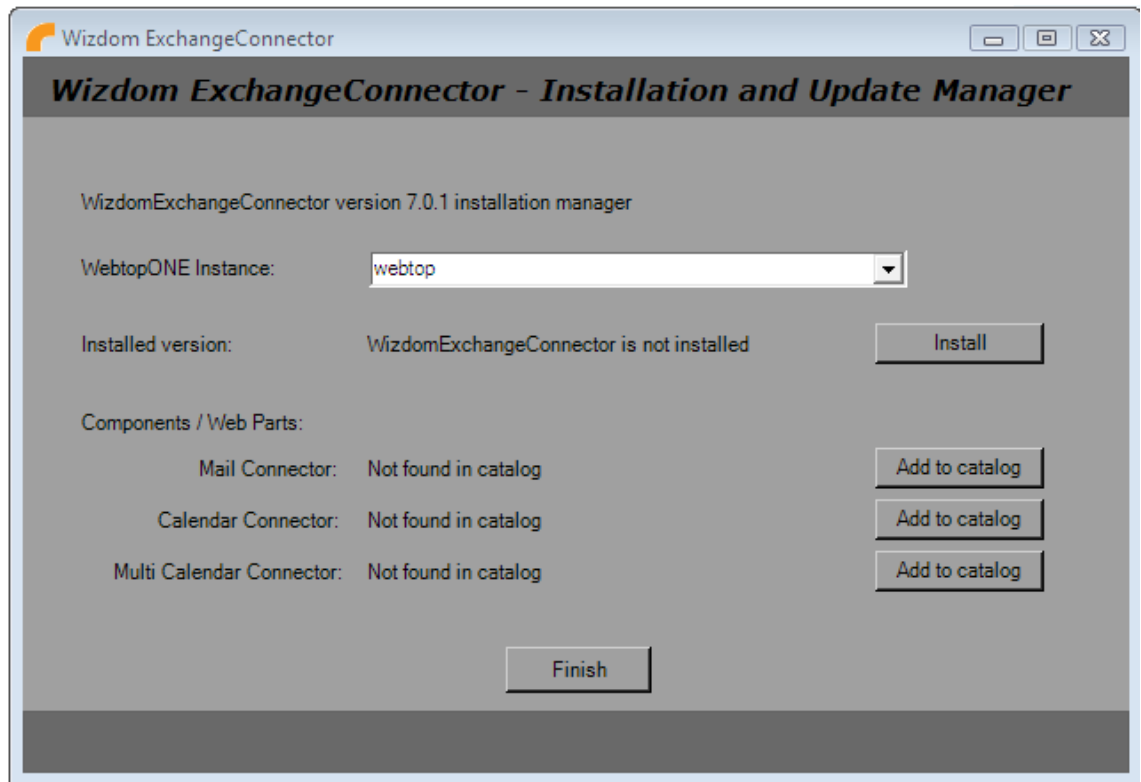
The file specifies the addresses from which cross domain access is accepted. All possible addresses must be specified. If for example the web parts are accessed by the URL <http://WEBSERVER/Pages/SomePage.aspx> as well as the URL <http://intranet.domain.com:8080/Pages/SomePage.aspx>, the `clientaccess.xml` file must contain the following:

```
<?xml version="1.0" encoding="utf-8" ?>
  <access-policy>
    <cross-domain-access>
      <policy>
        <allow-from http-request-headers="SOAPAction">
          <domain uri="http://WEBSERVER" />
          <domain uri="intranet.domain.com:8080" />
        </allow-from>
        <grant-to>
          <resource path="/" include-subpaths="true" />
        </grant-to>
      </policy>
    </cross-domain-access>
  </access-policy>
```

### 3. Installation and Basic Configuration

#### 3.1 INSTALLATION ON A WEBTOPONE PORTAL/CMS SERVER.

- WebtopONE Portal/CMS must be installed on the server before attempting to install the Exchange Connectors.
- Execute the installation program `WizdomExchangeConnector<version no.>.exe`.



In the top line the version of the Exchange Connector being installed is shown. If more than one WebtopONE Portal/CMS instance is present on the server, you can choose between these in the select box "WebtopONE Instance".

The Exchange Connector version for the selected instance (or the text "WizdomExchangeconnector is not installed") is shown below the selected instance and the "Install" button or "Update" button will copy the new version to the instance.

For each of the three web parts it is shown if the web part is already installed in the web part catalog for the selected instance. If the web part is not present in the catalog, an "Add to catalog" button will appear, and a click on this button will add the web part to the catalog.

Click "Finish" to exit the installation program.

### 3.2 INSTALLATION OR UPDATE ON A SHAREPOINT 2007 SERVER

- Copy the two files "WizdomExchangeConnector.wsp" and "WizdomExchangeConnectorInstall.bat" to the server.
- Edit the file "WizdomExchangeConnectorInstall.bat":
  - Change the server URL in the first line
- Run "WizdomExchangeConnectorInstall.bat"

### 3.3 INSTALLATION OR UPDATE ON A SHAREPOINT 2010 SERVER

- See Wizdom installation instructions

### 3.4 BASIC CONFIGURATION

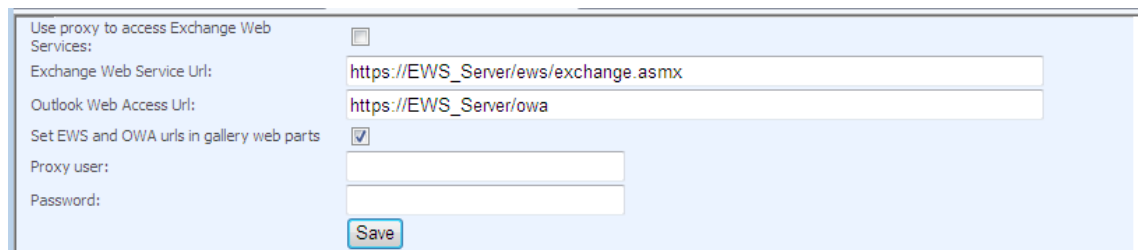
The web parts must know the URL for the Exchange Web Services. If no Web Service URL is configured, the web parts will attempt to use the AutoDiscover mechanisms to detect it, but this might be a slow procedure.

If the same Exchange Web Service URL is to be used for all users, it is recommended to specify it in the web part properties for the web parts in the WebtopONE Web Part Catalog or the SharePoint Web Part Gallery.

In WebtopONE simply edit the properties of the web parts in the catalog and specify the Exchange Web Service URL.

In SharePoint, call the following URL:

[http://WEBSERVER/\\_Layouts/WizdomExchangeConnector/admin.aspx](http://WEBSERVER/_Layouts/WizdomExchangeConnector/admin.aspx)



Use proxy to access Exchange Web Services:

Exchange Web Service Url:

Outlook Web Access Url:

Set EWS and OWA urls in gallery web parts:

Proxy user:

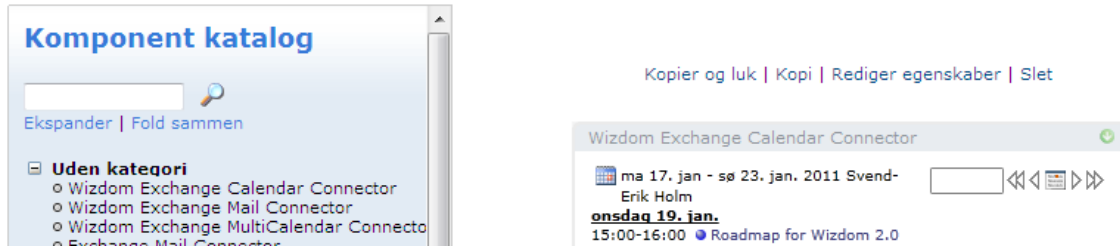
Password:

Specify the Exchange Web Service URL and the Outlook Web Access URL, check "Set EWS and OWA urls in gallery web parts", and click "Save".

Leave the proxy settings empty. These settings are only used in special cases where the clients cannot access the Exchanges Web Services directly.

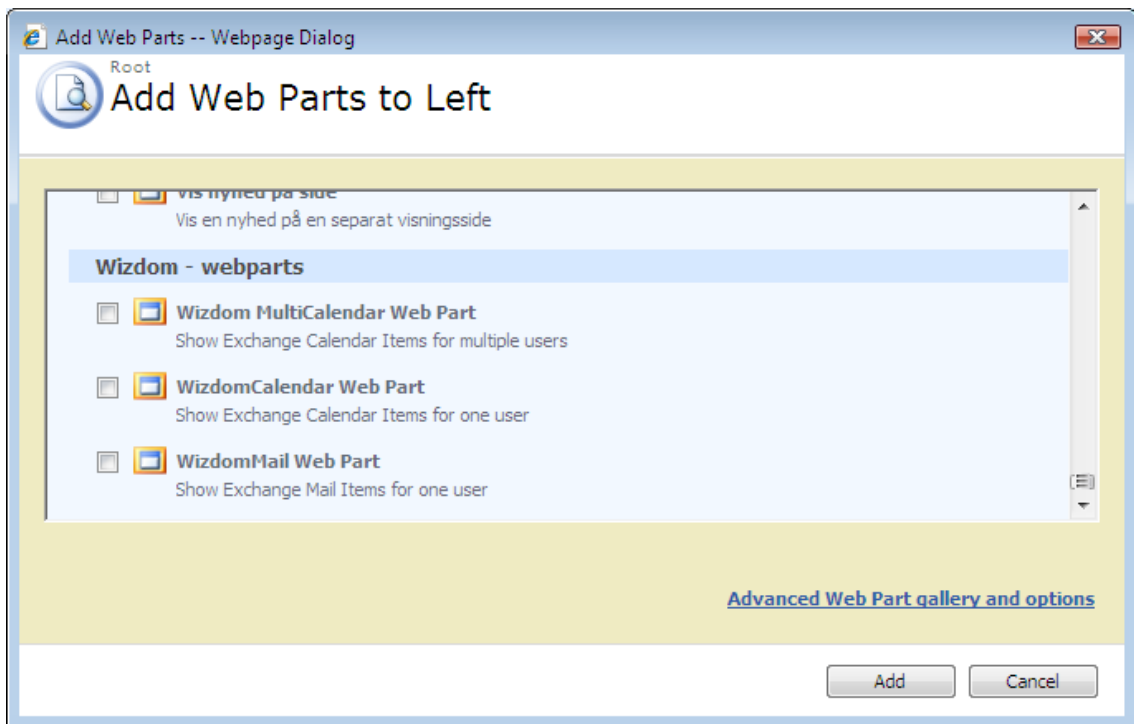
### 3.5 TESTING THE WEB PARTS

Test each of the web parts by inserting them on a portal. In WebtopONE, find the web parts in the component catalog:



Copy the wanted component by clicking "Copy" or "Copy and close", and paste it to the portal.

In SharePoint, find the web parts in the Web Part Gallery:



Add the selected web part(s) to the portal

In order to properly test the web parts you must log in as a user with an Exchange account.

## 4. Wizdom Exchange Mail Connector

Esben Rytter	VS: Tilbud på Noticeboard inkl. installation	01/10 14:35
Peter Gøtterup	Exchange oplysninger hos Kvik	30/09 23:12
Peter Gøtterup	Noticeboard fejl	30/09 15:45
alk@webtop.dk	Servicesag tildelt: 2010-1146 - Driftstøtte - Bornholm.dk : Webform	30/09 12:04
Maria Kammer	VS: Vedr. skade: 655 - 240691 27-06-2010 1 5TLP	30/09 10:18
alk@webtop.dk	Servicesag tildelt: 2010-1039 - Fejlmelding af webformular	30/09 10:00
Peter Gøtterup	RE: aftale	29/09 14:57
Peter Gøtterup	SharePoint og Wizdom installationsdokument endelig.docx	29/09 10:54
Tommy Zemich	Ring til:	28/09 11:25
sales@telerik.com	Your Telerik product subscription is about to expire	28/09 11:15

◀ 101-110 ▶ [Send ny mail](#) | [Check for ny mail](#)

The web part shows a configurable number of mail messages. It can either show unread messages only or read and unread messages.

To view the next or previous page of messages click the "Next page" and "Previous page" icons.

To generate a new mail message, click the "Send new mail" link.

To refresh the list of messages, click the "check for new mail" link.

Click a message to open it in Outlook Web Access.

The following properties may be configured for the web part:

"Max. no. of mails to show": The number of mail message to show at the time.

"Show unread mails only": Show unread mail messages only (as opposed to read and unread messages).

See Common properties also.



## 5. Wizdom Exchange Calendar Connector



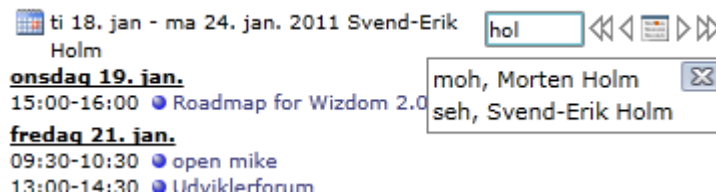
The Calendar Connector shows appointments for a given user for a given period of time. Use the navigation buttons in the top right corner to change the period shown. The arrows move the period one week back, one day back, one day forward and one week forward, respectively.

Select a specific date by clicking the calendar icon which pops up a date picker.

Click an appointment title to open the appointment in Outlook Web Access.

If no user is specified in the web part properties the user's own calendar is shown. To show another user's calendar, type the user's name (or part of it) or the login id in the textbox in the top right corner and hit <enter>.

If the user's login id is entered the Calendar Connector shows the user's calendar. Otherwise, the Calendar Connector will search for the user in Active Directory. If the search matches only one user, this user's calendar is shown, otherwise a list of matching users is displayed:



Click the user whose calendar is wanted, or click the "close" button in the top right corner to cancel the search.

Click the booking button to the left of the user's name to book a new appointment in the user's calendar (provided that you have write access to this calendar).

The following properties may be configured for the web part:

"User": the login id for the users whose calendar is shown initially. You can use the same search mechanism as described above to search for the user. If the property is left blank, the current user's calendar is shown initially.

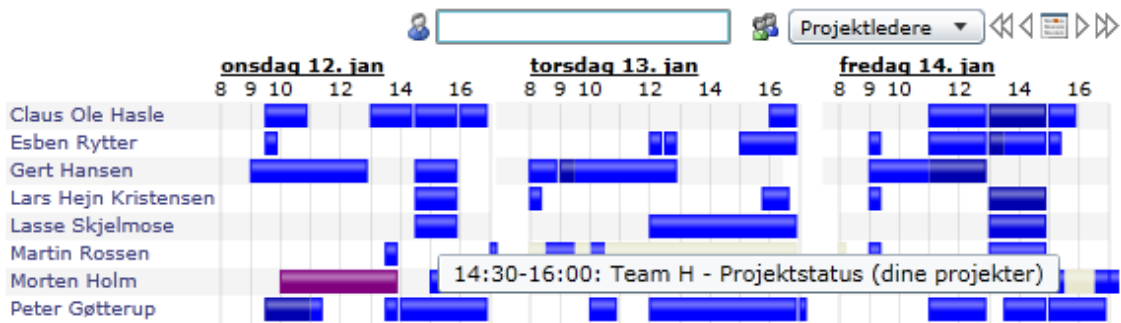
"No. of days": The number of days to show for the calendar.

"Show user input field": Uncheck this property to hide the user input (search) field.

"Show navigation buttons": Uncheck this property to hide the navigation (date selection) buttons.

See Common properties also.

## 6. Wisdom Multi Calendar Connector



The top right corner navigation buttons are used the same way as for the Calendar Connector.

Select a group from the group select box to show the calendars for another group of users.

Enter a ";"-separated lists of login id's and hit <enter> to temporarily add users to the calendar list.

Hold the mouse over an appointment, to see appointment details.

Click the user name to open the user's calendar in Outlook Web Access.

If a booking button is shown to the left of the user name, click this button to create a new appointment in the user's calendar (provides that you have write access to this calendar),

The following properties may be configured for the web part:

"No. of days": The number of days to show (1 to 7).

"Users": The login names for the users to show initially. Use the user search button to search for users in Active Directory.

"Groups": The groups to show in the select box. The top most group is shown initially. Use the group search button to search for groups in Active Directory.

"Day starts at" and "Day ends at": Specify the period of the day for which to show calendar items.

"Show user input field": Uncheck this property to hide the user input field.

"Show group input field": Uncheck this property to hide the group select box.

"Show navigation buttons": Uncheck this property to hide the navigation (date selection) buttons.

"Show booking button": Check this property to show a booking button for each user in the calendar.

See Common properties also.

## 7. Common properties

The three web parts share these common properties (specified for each web part separately):

“Font size”: The font size to use when the web part is shown.

“No. of minutes between each refresh”: The web part will automatically check for news messages or calendar items. Specify the number of minutes between each check.

“Logging level”: For test and debugging purposes. Log none, errors only or debugging information. The windows event log is used.

“Exchange Web Service Url”: Specify the URL for Exchange Web Services

“Outlook Web Access Url”: Specify the Outlook Web Access URL

“Autodiscover Url”: If none of the above URL’s are specified, use this URL for AutoDiscover. If “Autodiscover URL” is also not specified, the web part will attempt to autodetect the Autodiscover URL also.