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SmartBar for MS CRM 2015/2016 and Dynamics 365

v.2.2, November 2016

PowerSearch

(How to work with PowerSearch for MS CRM 2015/2016 and Dynamics 365)

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Preamble

This documentation is intended to guide you through the installation process of our tool. SmartBar for Microsoft Dynamics CRM 2015/2016 and/or Dynamics 365 facilitates – among other things – the navigation between related forms in MS CRM. Before installing SmartBar for Microsoft Dynamics CRM 2015/2016 and/or Dynamics 365, please read this document and follow the steps carefully.

Target Audience

This guide is intended for system administrators who are familiar with the following administrative tasks:

- Maintaining and configuring SQL Server databases
- Maintaining and configuring IIS based Web Sites / Applications
- Maintaining and configuring a Microsoft CRM Server

Supported Web Browsers and versions

Supported Web Browsers:

- Internet Explorer 9 and higher
- Firefox
- Chrome
- Edge

One of the following editions of Microsoft Dynamics CRM must be available:

- Microsoft Dynamics CRM Server 2015/2016
- Microsoft Dynamics CRM Online
- Dynamics 365



If you use SmartBar 2015.200 or a higher version, you can upgrade from Microsoft Dynamics CRM 2015 to 2016 or Dynamics 365 without extra work.

If you use an older version, please find a short step-by-step instruction regarding to the upgrade of our Add-ons to the latest version of Microsoft Dynamics CRM 2016 or Dynamics 365 [here](#).

Any of the following operating systems is required:

- Windows 10
- Windows 8.1 (64-bit and 32-bit versions)
- Windows 8 (64-bit and 32-bit versions)
- Windows 7 (64-bit and 32-bit versions)
- Windows Vista SP2 (6-bit and 32-bit versions)
- Windows Server 2012, Windows Server 2008 R2, or Windows Server 2008 when running as a Remote Desktop Services application.

Purpose of SmartBar?

SmartBar facilitates – among other – navigation in Microsoft Dynamics CRM 2015/2016 and Dynamics 365. SmartBar allows its users to navigate smart and fast between related records in Microsoft Dynamics CRM 2015/2016 and/or Dynamics 365. The tool consists of many valuable features that allow, for example, simple back and forth navigation. A number of “buttons” represent the related records per entity. Besides its easy to handle “buttons”, SmartBar shows up with a few additional settings in order to provide high-quality-usability and individualization.

1 How to install SmartBar for Microsoft Dynamics CRM 2015/2016 and Dynamics 365

The installation of SmartBar for MS Dynamics 2015/2016 or Dynamics 365 is quite easy.

First of all, run the SmartBar for MS CRM 2015/2016 Setup file. The following window appears:

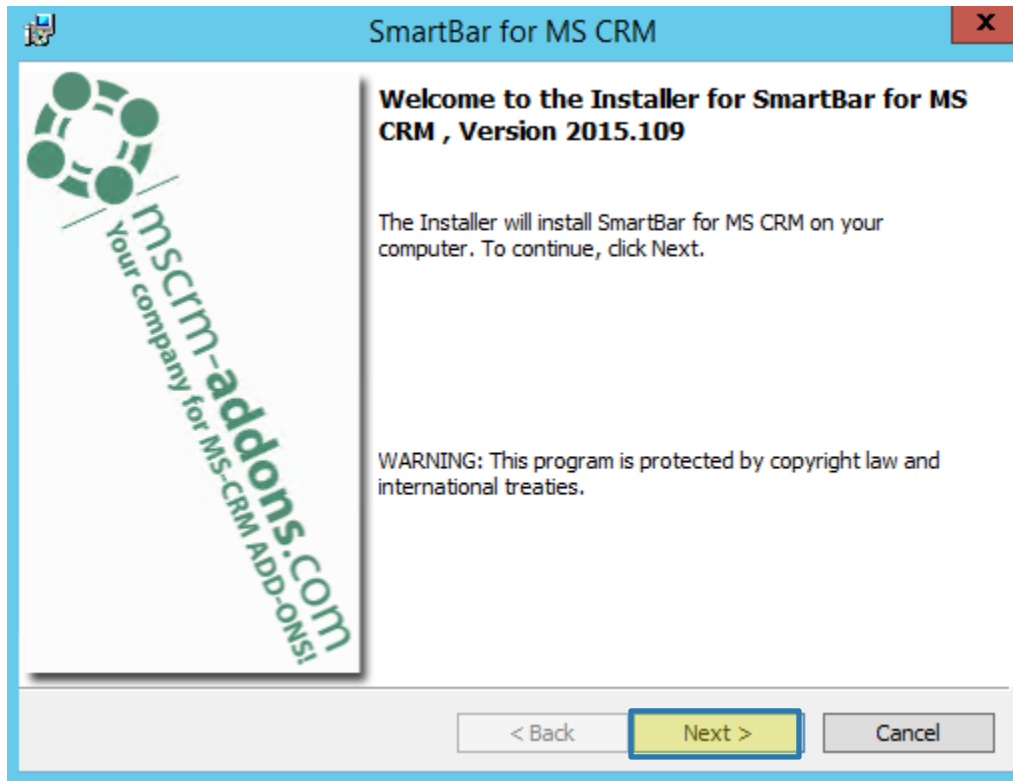


Figure 1: SmartBar Installer

Click on the **[Next]**-button in order to proceed.

1.1 EULA (End User License Agreement)

Next, the End User License Agreement window appears. Please read it carefully and accept its terms. If you do not accept the license agreement, you cannot continue with the installation. You may also print the agreement if you want to. Click on the **[Next]**-button in order to proceed.

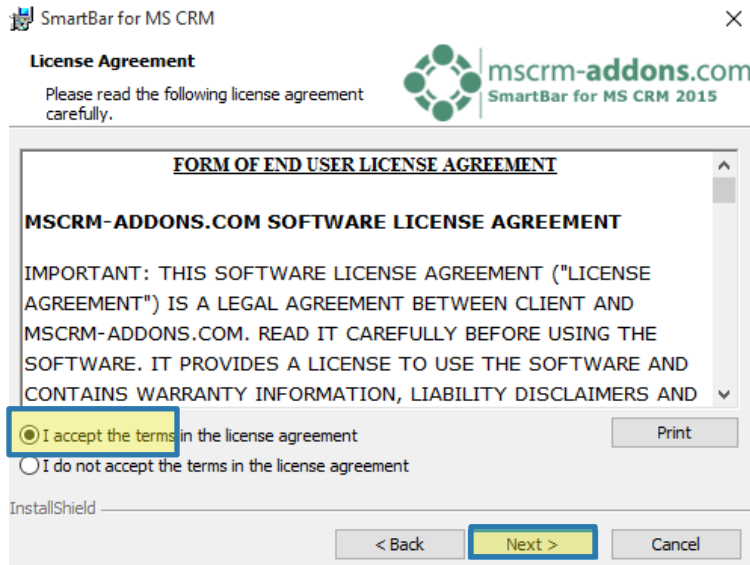


Figure 2: End User License Agreement

1.2 Installation

Next, you will be asked where to install SmartBar to. In case you want to save it somewhere else, simply click on the **[Change...]**-button. Click on the **[Next]**-button in order to proceed.

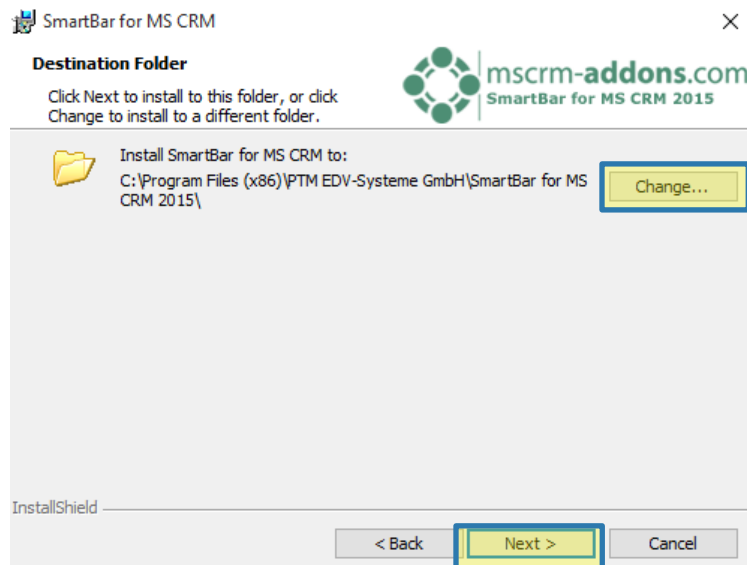


Figure 3: Destination folder

Now click on the **[Install]**-button in order to start the installation:

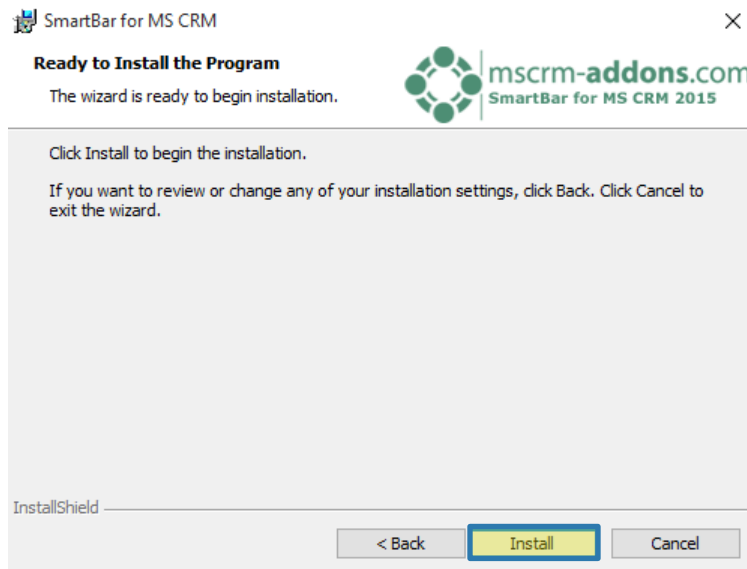


Figure 4: Installation

1.3 Logon Information

SmartBar requires a connection to CRM. To configure your CRM (or Dynamics 365) Server, select an existing profile or create a new profile. Select your preferred server path and add your login credentials by filling in the field's username, password and domain. Press the **[Retrieve all Organizations]**-button and select your organization. For further information on the Connection dialog, have a look at our [Connection dialog documentation](#).

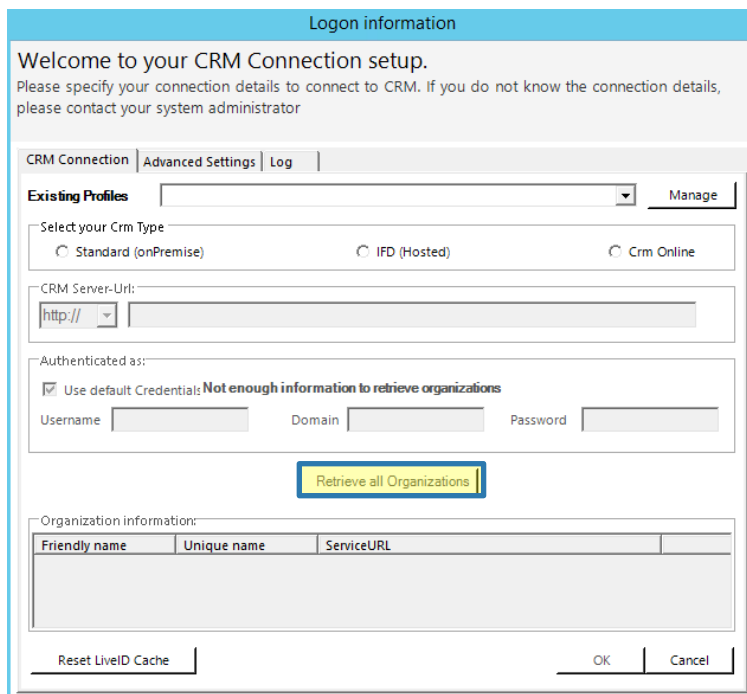


Figure 5: Installation

Once you have finished, click on the **[OK]**-button.

The screenshot shows the 'Logon information' dialog box for CRM Connection setup. It has a blue header bar with the title 'Logon information'. Below the header, it says 'Welcome to your CRM Connection setup.' and 'Please specify your connection details to connect to CRM. If you do not know the connection details, please contact your system administrator'. The dialog has three tabs: 'CRM Connection', 'Advanced Settings', and 'Log'. The 'CRM Connection' tab is active. It contains a section 'Existing Profiles' with a dropdown menu showing '[HKLM] crm.crmtest.local - PTM EDV Systeme GmbH' and a 'Manage' button. Below this is a section 'Select your Crm Type' with three radio buttons: 'Standard (onPremise)' (selected), 'IFD (Hosted)', and 'Crm Online'. There is a section 'CRM Server-Url:' with a dropdown menu showing 'http://' and a text box containing 'crm.crmtest.local', with a green checkmark icon to the right. Below this is a section 'Authenticated as:' with a checkbox 'Use default Credentials: crmtest.local\administrator'. Below the checkbox are three text boxes: 'Username' containing 'administrator', 'Domain' containing 'crmtest.local', and 'Password' containing '*****'. There is a button 'Retrieve all Organizations' below the authentication section. At the bottom, there is a table 'Organization information:' with columns 'Friendly name', 'Unique name', and 'ServiceURL'. The table has four rows: 'empty', 'Standard', 'PTM EDV Systeme...', and 'CRM365'. The 'PTM EDV Systeme...' row is selected. Below the table are buttons 'Reset LiveID Cache', 'OK', and 'Cancel'.

Figure 6: CRM Connection setup

The following window appears on the screen:

The screenshot shows the 'SmartBar for MS CRM' installation window. It has a title bar 'SmartBar for MS CRM' with standard window controls. The window contains a logo for 'mscrm-addons.com' and the text 'SmartBar for MS CRM 2015'. Below this, it says 'Installing SmartBar for MS CRM' and 'The program features you selected are being installed.' There is a section 'Please wait while the InstallShield Wizard installs SmartBar for MS CRM. This may take several minutes.' with a 'Status:' label and a progress bar. The progress bar is partially filled with green. At the bottom, there are buttons '< Back', 'Next >', and 'Cancel'.

Figure 7: SmartBar Installation Shield

1.4 Security Roles

During the installation, you will be asked if you want to install the security roles for all users:

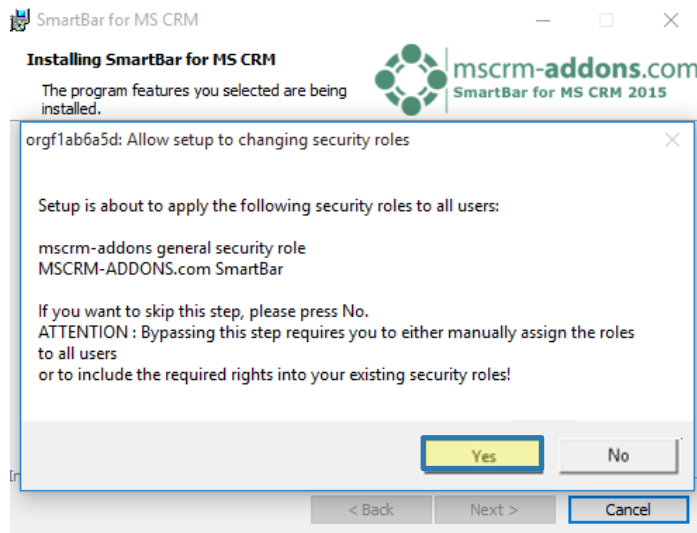


Figure 8: Security Roles for SmartBar

Click on the **[Yes]**-button in order to continue. If you click on the **[No]**-button, you will have to assign the roles manually to all users.

In general, security roles contain the basic requirements for using our products and for being able to perform the license check.

1.5 Complete the installation

If the installation was successful, the below window appears. Click on the [Finish]-button in order to complete the installation and to exit the installer.

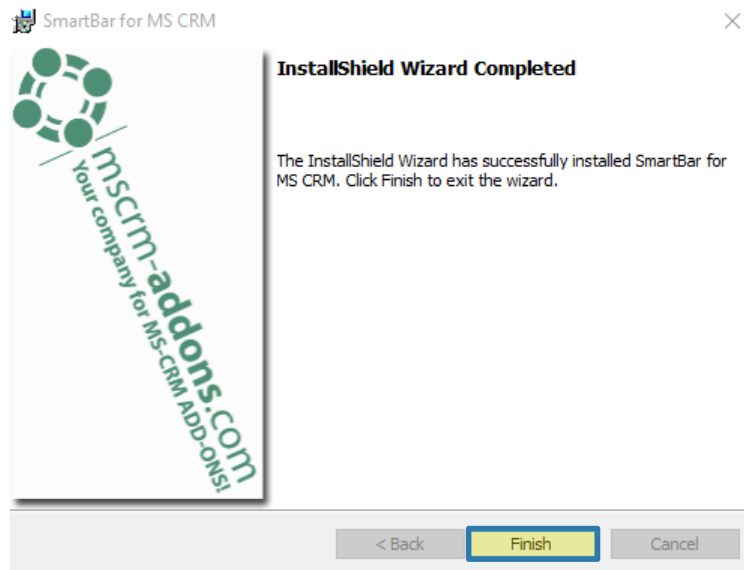


Figure 9: Installation completed

2 SmartBar Server Configuration

As soon as the installation is finished, the *SmartBar Server Config* appears.



The purpose of this configuration is to activate and configure the counting of related records in the CRM (Dynamics 365) menu.

2.1 The SmartBar Server Configuration Surface

This overview provides you with the main functionalities of the SmartBar Server Configuration.

Main Settings

Count records in menu ☒ 1

2 Select All

3 Entities with a red background
All unmanaged entities are highlighted red. Therefore it is not possible to automatically add the onLoad-script. The following article shows how this can be done manually: [Link to Article](#)

Count elements in Activity- and Emailpreview ☒ 4

Additional configuration

OK Cancel

Figure 10: The SmartBar Server Configuration

- 1 **COUNT RECORDS IN MENU:** Check this box to enable the counting of related records in the menu.
- 2 **SELECT ALL:** Click this button in order to select all entities for the counting option.
- 3 **COUNT ELEMENTS IN ACTIVITY- & EMAILPREVIEW:** Check this box to use SmartBar with ActivityTools for MS CRM 2015/2016 and/or Dynamics 365. [ActivityTools](#) facilitates the CRM (Dynamics 365) internal use of activities.

4 ENTITIES WITH A RED BACKGROUND: All unmanaged entities are highlighted in red. This is why it is not possible to automatically add the onLoad-script. Please read the following article and find out how this can be done [manually](#).

2.2 How to configure the SmartBar Server Configuration

To configure the SmartBar Server Configuration, simply check the records you want to be counted in the Main Settings. Then click on the **[OK]**-button. If you save the changes while enabling the unmanaged entities, the following window appears:

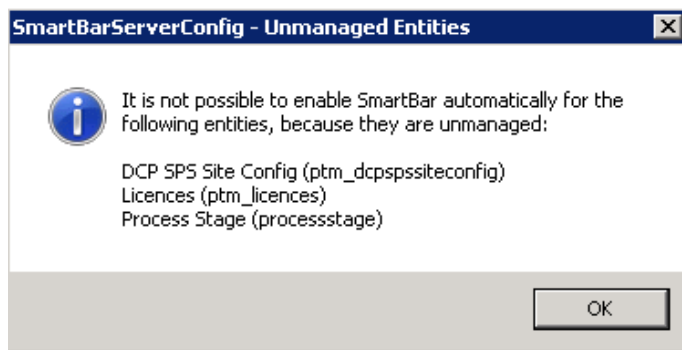


Figure 11: SmartBar Server Config – Unmanaged Entities

Click on the **[OK]**-button in order to finish your configuration. As soon as you have saved the settings, the following below window appears. Click on the **[OK]**-button in order to save your settings.

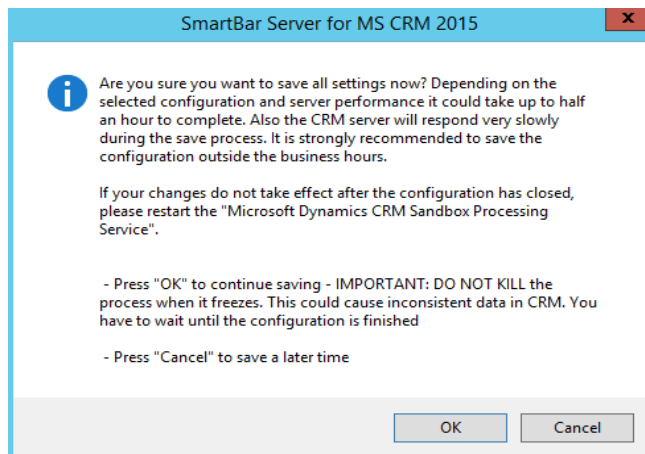


Figure 12: SmartBar Server Config – Save Settings



We recommend you not to save your settings during the business hours, because it could take up to half an hour to complete the savings.

3.1 Additional Configuration

The additional configuration allows you to refine your SmartBar Configuration. To open the additional configuration, simply click on the **[Additional Configuration]**-button in the SmartBar Server Configuration surface. For further information on the Server Configuration surface, please have a look at [CHAPTER 2.1 THE SMARTBAR SERVER CONFIGURATION SURFACE ON PAGE 13](#).

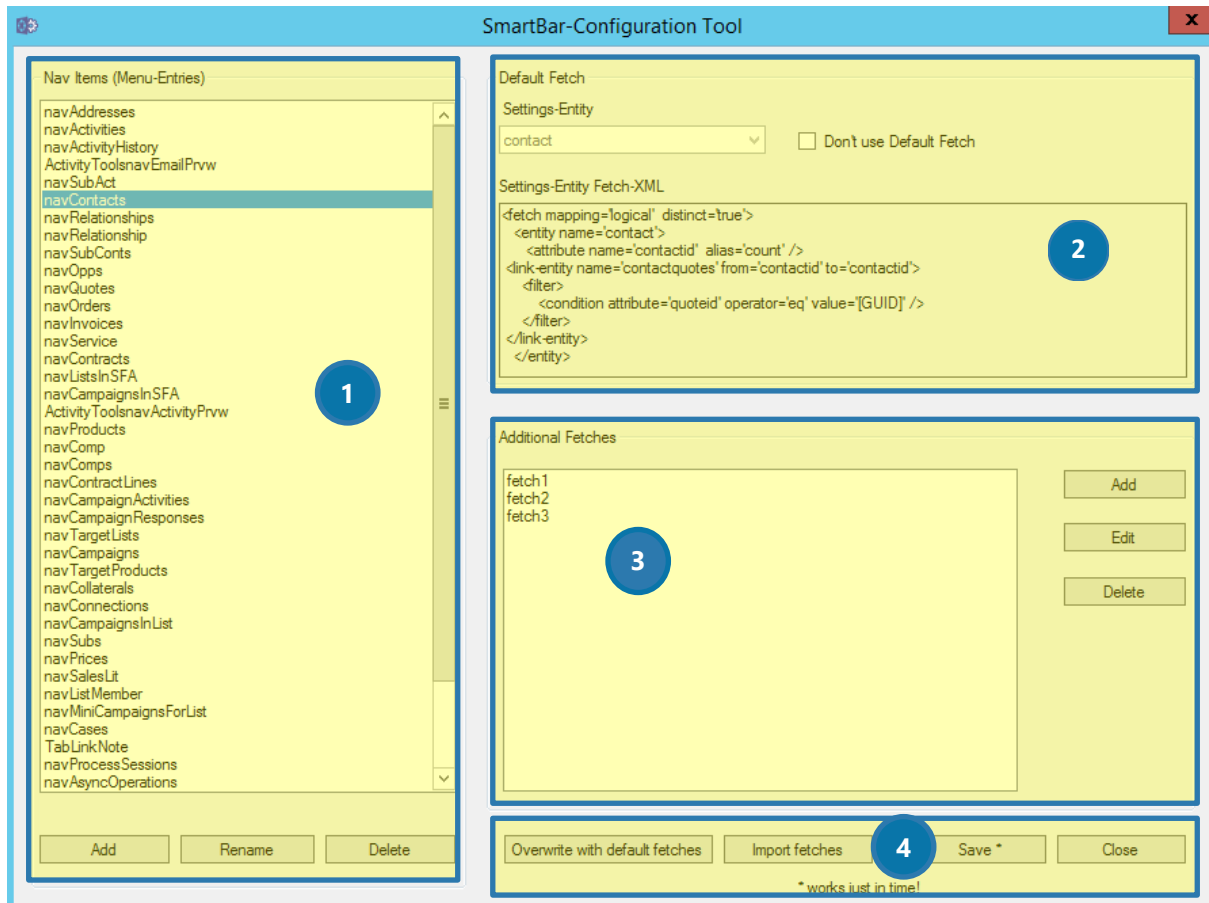


Figure 13: SmartBar Configuration Tool – Additional Configuration



Before you use the tool for the first time, at least one entity has to be checked and the SmartBar Server Config has to be saved once.

1 NAV ITEMS (MENU-ENTRIES)-SECTION

This area manages the navigation items (menu items in CRM). The list includes the *html-IDs* of all menu items for which SmartBar is configured. For example, the list-entry *navQuotes* represents the entity *quote*. To add, modify or delete existing entries, use the buttons at the bottom of the section.

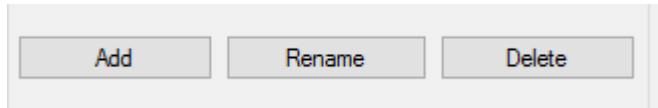


Figure 14: Nav Items section buttons



With one click on these buttons, the changes are performed without a warning window. However, they are not saved until the **[Save]**-button in the *General section* is pressed.

2 DEFAULT FETCH

In this area, the default-fetch of the selected navigation-entry is shown. It counts all records which are directly related with the calling entity. It is not possible to delete or edit the default-fetch. But you can disable it by checking the *Don't use Default Fetch*-checkbox.

3 ADDITIONAL FETCHES

These fetches count all records which are not directly related to the entity. To add, edit or delete a particular fetch, use the buttons next to the *additional fetches box*.

The **[Add]**-button opens a blank screen that enables you to add a new fetch to the selected entry. Use the text area under *Fetch-XML* to place the new fetch.

In the text field below *Fetch-Type*, fill in the *entitytypecodes* (unique number of the entity) of the entities for which the fetch should be used.

If you don't insert a number, the fetch will be executed for all possible entities.

To add the fetch to the list, simply click on the **[OK]**-button.

The **[Edit]**-button opens a selected fetch in a new window in order to modify it.



Wrong fetches will be ignored!

In the following example the navigation-entry *navQuotes* (html-name for quotes) receives a new fetch. The fetch will count all quotes which are related to a contact, and the calling account.

If the field *Fetch-Type* was blank, the fetch would be executed for all possible quote-menu items (quote is available in *account*, *contact*, *opportunity* etc.). But due to the fact that the text field includes *1* (entity-type-code for account) the fetch will be executed only for the quote-navigation entry in the account menu.

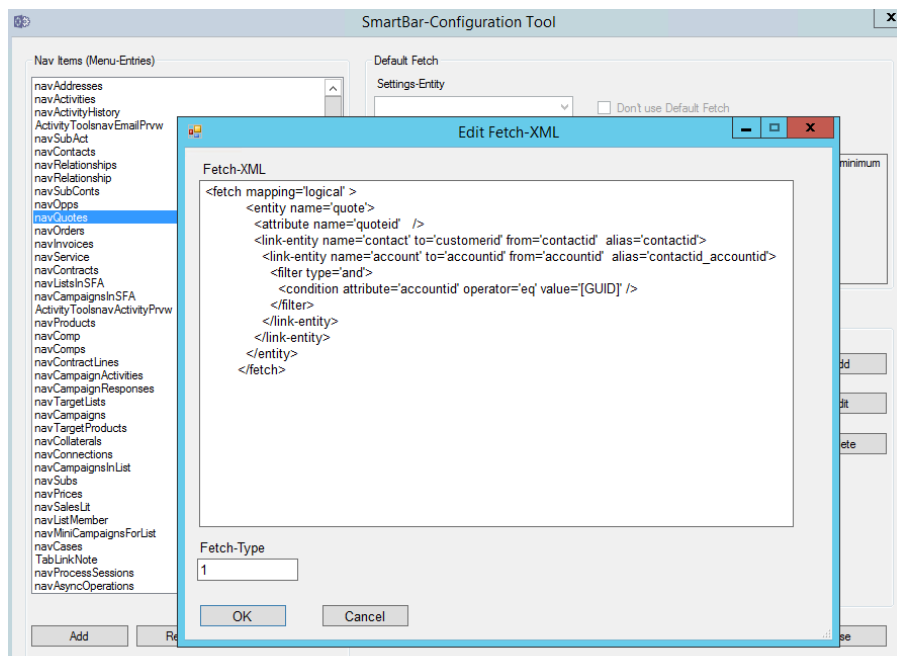


Figure 15: Edit fetch

Last but not least, the **[Delete]**-button deletes selected fetches.

4 GENERAL AREA



All buttons in this area effect the entire window.

A click on the **[Override with default fetches]**-button restores default values. Make sure that you save the current configuration before it is overwritten.

Click on the **[Import fetches]**-button to optionally overwrite the current *NavigationItems* and/or *XML-files* (setting file).

A click on the **[Close]**-button closes the Configuration Tool.

Click on the **[Save*]**-button in order to save all settings of the entire Configuration Tool. The below window appears.

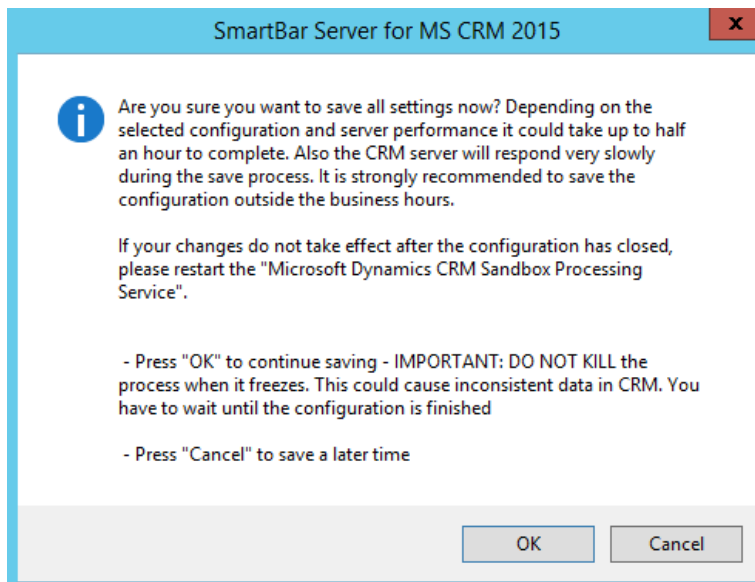


Figure 16: SmartBar Server Additional Config – Save

Click on the **[OK]**-button in order to confirm your settings.



We recommend you not to save your settings during the business hours, because it could take up to half an hour to complete the savings.

Now, the counting of related records in the CRM (Dynamics 365) menu is set.

3 SmartBar Organization Overview

The SmartBar for Microsoft Dynamics CRM 2015/2016 and/or Dynamics 365 Configuration allows you to specify your SmartBar-Settings. To work with SmartBar Organization Overview, search for "Configuration - SmartBar for MS CRM" in the Windows Start Pane and press enter.

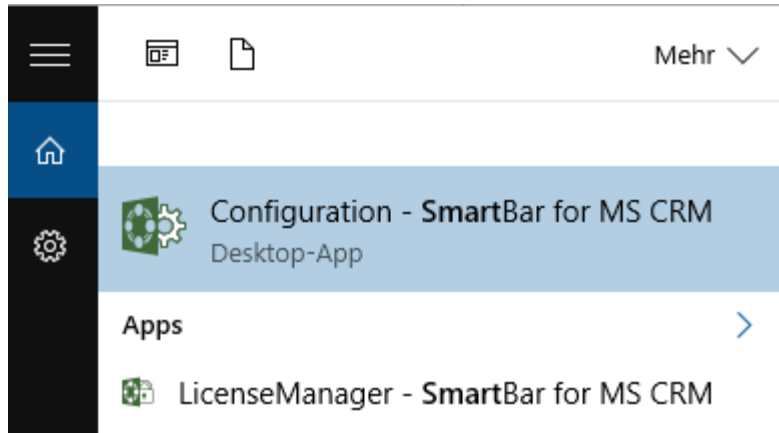


Figure 17: Configuration- SmartBar for MS CRM and Dynamics 365

The CRM (Dynamics 365) Connection setup window appears.

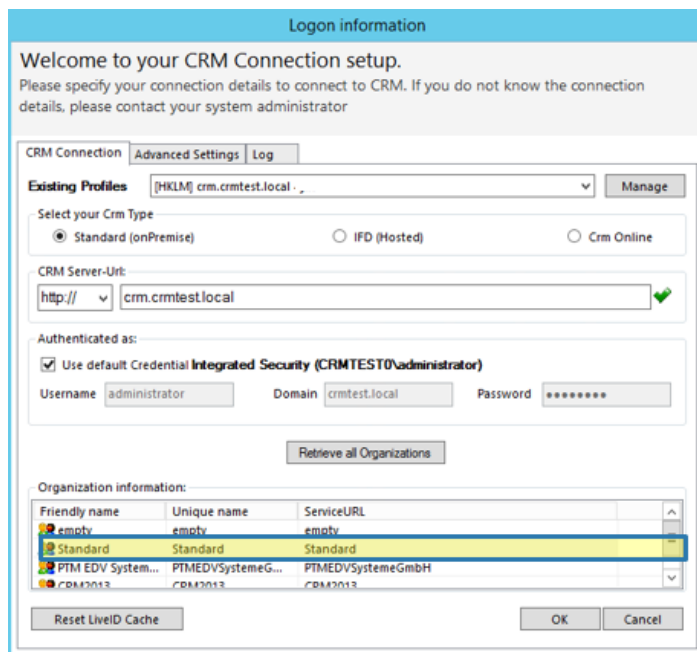


Figure 18: CRM (Dynamics 365) Connection setup

Select the appropriate organization and click on the **[OK]**-button in order to continue.

Usually, you simply have to click on the **[OK]**-button, because the appropriate organization has already been selected by the system. However, there is nothing wrong in double-checking the data.

Now, the following organization overview appears:

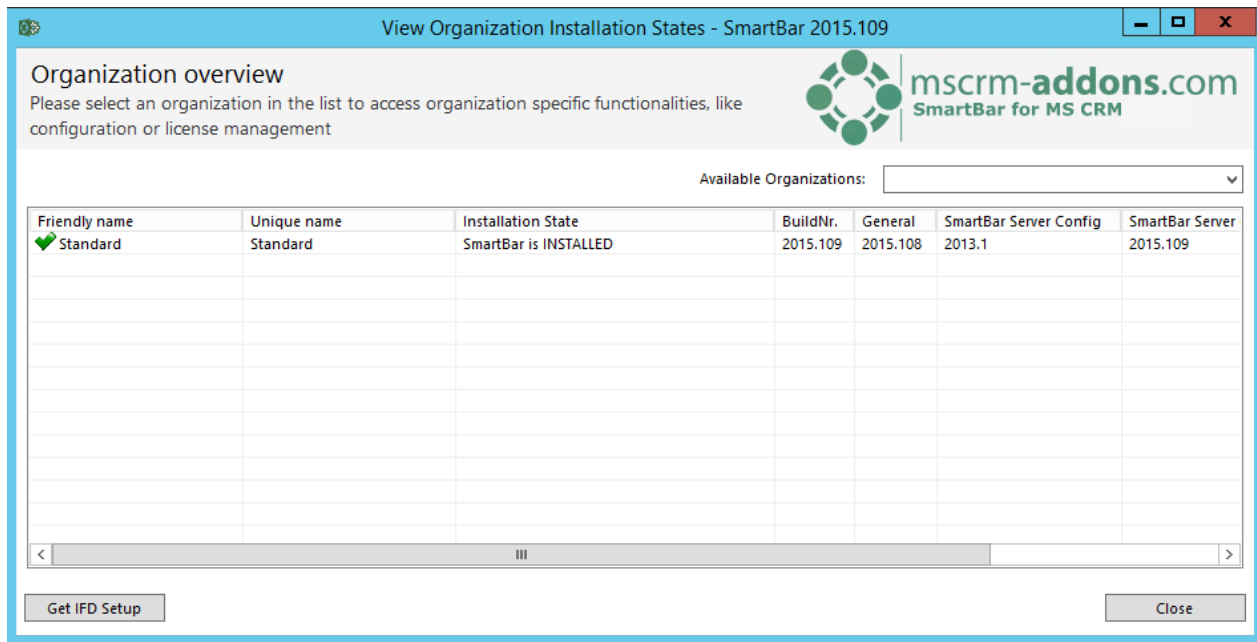


Figure 19: Organization Installation States- SmartBar

As soon as you select an organization in the list, specific function-buttons appear at the window bottom.

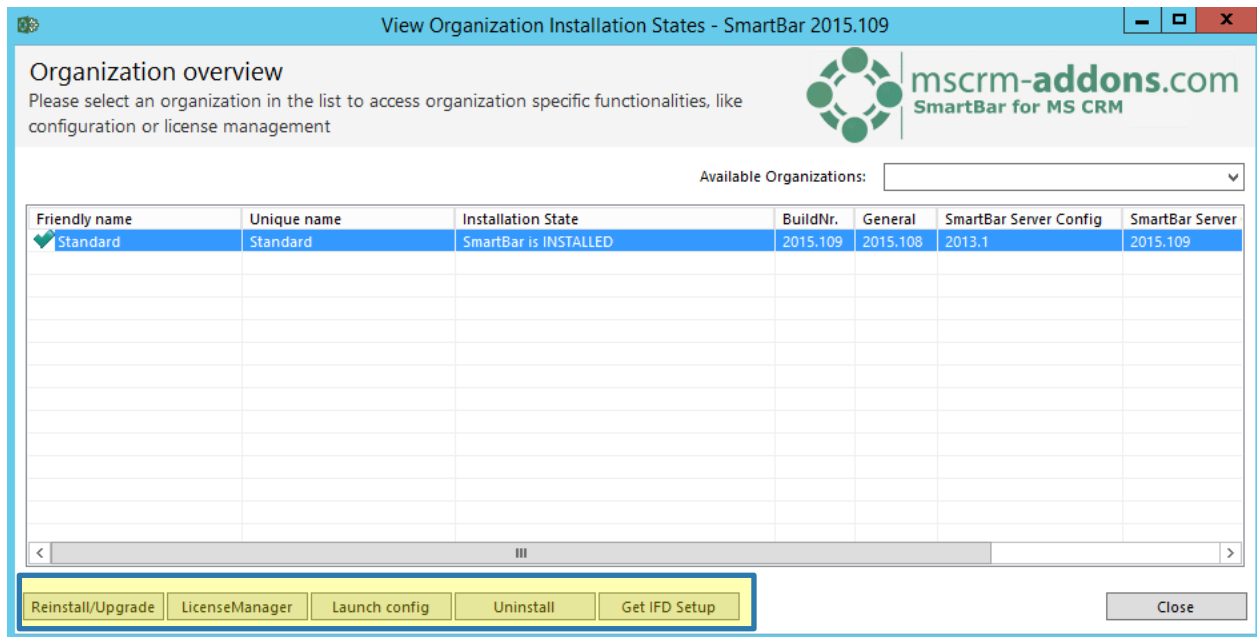


Figure 20: Organization Installation States plus specific buttons

3.1 How to reinstall/upgrade

It is very easy to reinstall/upgrade SmartBar. To do so, simply select an organization in the Organization Overview and click on the **[Reinstall/Upgrade]**-button in order to reinstall or upgrade SmartBar for MS CRM 2015/2016 and/or Dynamics 365.

Please have a look at our [License Manager Documentation](#) for further information on how to use the License Manager. Should you have any questions, do not hesitate to contact our support team via support@mscrm-addons.com.

4 How to embed SmartBar in MS Dynamics CRM and Dynamics 365?

SmartBar for MS Dynamics CRM 2015/2016 and/or Dynamics 365 can be embedded into the entity form in two different ways.

First, you can make use of *webresources* in order to embed SmartBar in any desired entity form. Please find a detailed tutorial on how to do so in [CHAPTER 7.1 HOW TO EMBED SMARTBAR AS A WEBRESOURCE? ON PAGE 38](#)

Second, you can embed SmartBar in dashboards. Learn how to do so in [CHAPTER 7.2 EMBED SMARTBAR IN DASHBOARDS ON PAGE 42.](#)

5 The SmartBar Settings

As soon as SmartBar is embedded in MS CRM 2015/2016 and Dynamics 365, you can customize it. The tool allows administrators to configure different settings. To open the SmartBar settings, simply navigate to *My SmartBar* and click on the **[Gear icon]**-button, which is displayed below.



Figure 21: My SmartBar – Open the settings

The first time you open the settings, you will be asked to set some Security Roles for your users. The Security Roles define which users should be able to access the settings page. Only users owning at least one of the selected roles will be able to change the SmartBar settings when using the tool.

The image shows a 'Permission Settings' dialog box. At the top, it has the title 'Permission Settings'. Below the title is a section header 'Select Security Role' with a person icon and a question mark. Underneath is a list of security roles, each with a checkbox to its right. The roles are: Activity Feeds, CEO-Business Manager, CSR Manager, Customer Service Representative, dcp/gc/ti security role, Delegate, DocumentsCorePack Security Role, Marketing Manager, Marketing Professional, and mscrm-addons general security role. At the bottom right of the dialog is an 'OK' button.

Select Security Role ?	
Activity Feeds	<input type="checkbox"/>
CEO-Business Manager	<input type="checkbox"/>
CSR Manager	<input type="checkbox"/>
Customer Service Representative	<input type="checkbox"/>
dcp/gc/ti security role	<input type="checkbox"/>
Delegate	<input type="checkbox"/>
DocumentsCorePack Security Role	<input type="checkbox"/>
Marketing Manager	<input type="checkbox"/>
Marketing Professional	<input type="checkbox"/>
mscrm-addons general security role	<input type="checkbox"/>

Figure 22: Permission Settings

5.1 The SmartBar Settings - Overview

The SmartBar Settings consists of various tabs. The different functionalities of the tabs will be explained in the course of the following chapters.

The screenshot displays the SmartBar settings application. At the top, the header includes the 'SmartBar' logo, the version 'Version 2015.109', and the 'mscrm-addons.com' logo with the tagline 'SmartBar for MS CRM'. Below the header is a navigation bar with five tabs: 'Buttons' (highlighted with a blue circle and number 1), 'General Settings' (blue circle and number 2), 'Styling' (blue circle and number 3), 'Global Settings' (blue circle and number 4), and 'About SmartBar' (blue circle and number 5). The main content area is titled 'Parent Entity' and features a dropdown menu. Below this, there are two columns: 'Available Buttons' (labeled 'Empty list') and 'Currently On Site' (labeled 'Showing all 14'). Each column has a search bar and a list of buttons. The 'Available Buttons' list is empty, while the 'Currently On Site' list contains 14 items: Accounts, Contacts, Leads, Quotes, Invoices, Opportunities, Users, Price Lists, AdvancedFind, Administration, Security Roles, Processes, Security Roles, and GroupCalendar. A right-hand sidebar for the 'Currently On Site' list includes up and down arrows for reordering. At the bottom of the interface are 'Save Configuration' and 'Cancel' buttons.

Figure 23: Permission Settings

1 THE BUTTONS-TAB

The functionalities of this section allow you to configure the SmartBar buttons. For more information on this topic, please have a look at [CHAPTER 5.1.1 THE BUTTONS-TAB ON PAGE 26](#).

2 THE GENERAL SETTINGS -TAB

This section allows you to define the general settings of SmartBar. For more information on this topic, please have a look at [CHAPTER 5.1.2 THE SMARTBAR GENERAL SETTINGS-TAB ON PAGE 28](#).

3 THE STYLING-TAB

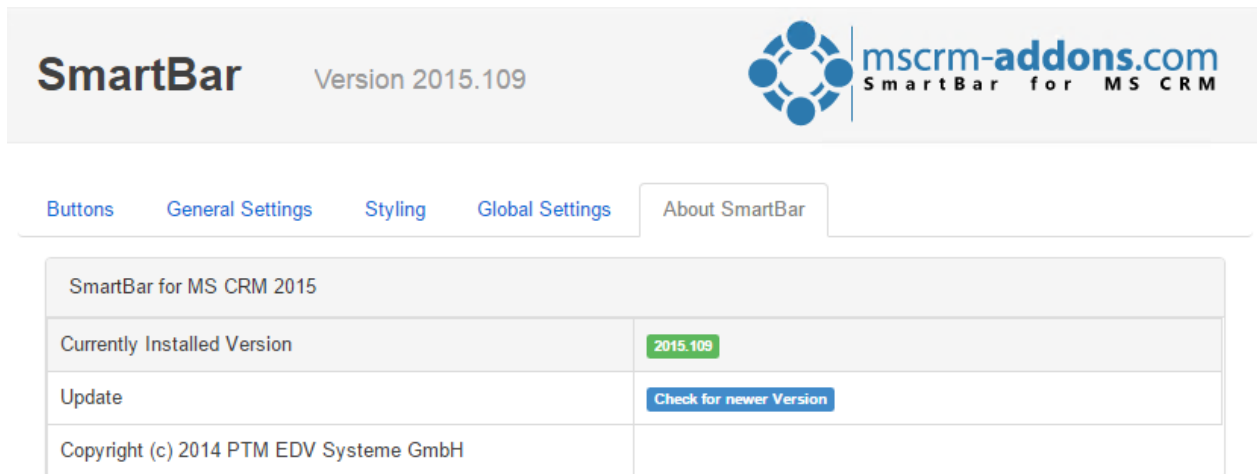
This section allows you to define the style of your SmartBar buttons. For more information on this topic, please have a look at [CHAPTER 5.1.3 THE SMARTBAR STYLING-TAB ON PAGE 31](#).

4 THE GLOBAL SETTINGS-TAB

Here, you can define the global settings of SmartBar. For more information on this topic, please have a look at [CHAPTER 5.1.4 GLOBAL SETTINGS ON PAGE 34](#).

5 THE ABOUT SMARTBAR-TAB

This section provides you with some information about SmartBar, like for example the version number that is currently in use.



SmartBar for MS CRM 2015	
Currently Installed Version	2015.109
Update	Check for newer Version
Copyright (c) 2014 PTM EDV Systeme GmbH	

Figure 24: SmartBar – About SmartBar-tab

5.1.1 The Buttons-tab

SmartBar buttons are a crucial component of SmartBar. They allow a quick overview and represent the related records.

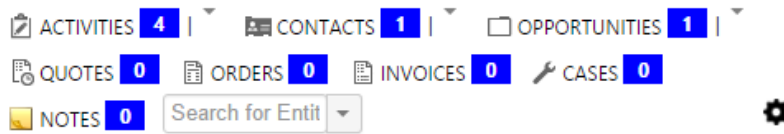


Figure 25: SmartBar buttons - example

Numbers next to the buttons display the amount of related records per entity. The number also appears in the command bar. SmartBar buttons can also be added or removed from the bar. These and other functions need to be activated in the settings.

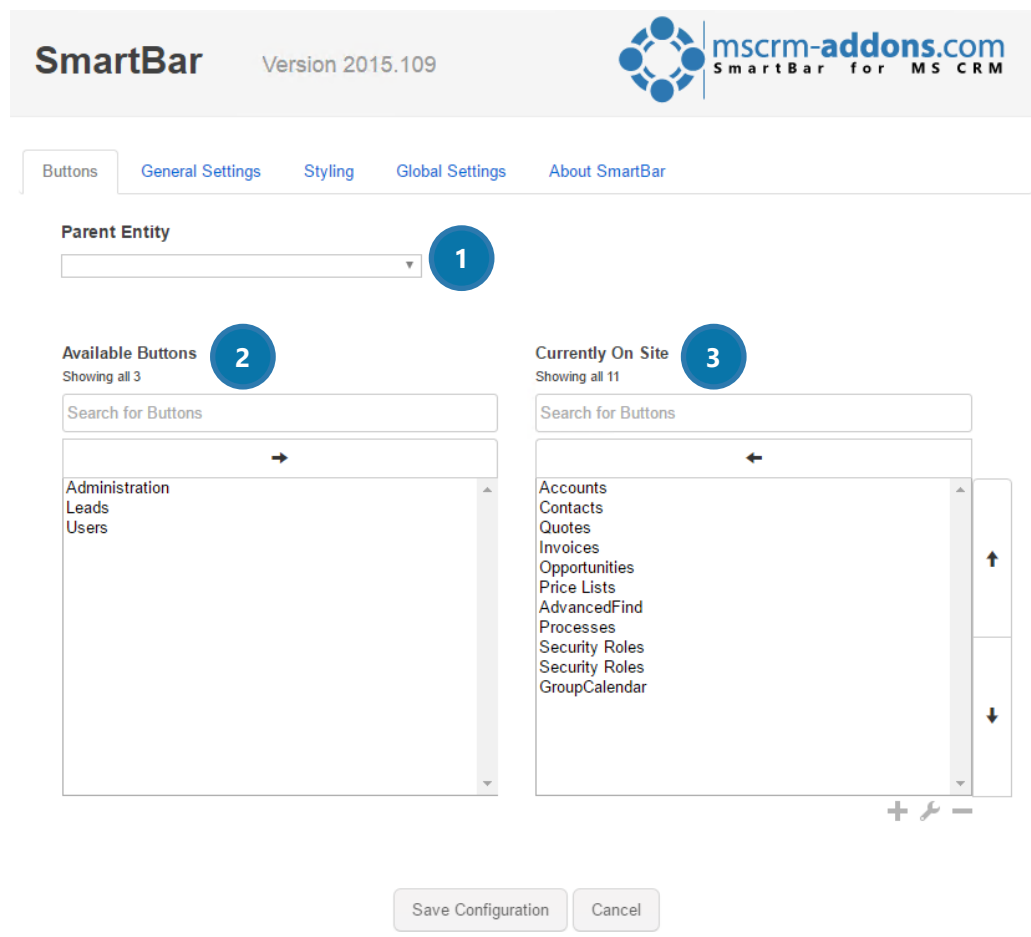


Figure 26: SmartBar – Buttons-tab

1 PARENT ENTITY

Here, the entity from which you have started, is usually displayed. If you, for example, configure SmartBar for the *Accounts* entity, the entity would be displayed here. We started to configure SmartBar from *Dashboards*. This is why the field is blank in our example.

2 AVAILABLE BUTTONS

This section provides you with a list of all available buttons. The buttons in this list have NOT been published yet!

3 CURRENTLY ON SITE


This section provides you with a list of all buttons that are currently on site.




There are two different kinds of SmartBar buttons: Standard and Custom buttons. Because of that, there are also two different ways to customize the buttons. Learn how to customize Standard buttons in [CHAPTER 7.4 HOW TO ADD OR REMOVE STANDARD SmartBar buttons SMARTBAR BUTTONS ON PAGE 47](#). Learn how to customize Custom Button in [CHAPTER 7.5 HOW TO ADD CUSTOM BUTTONS ON PAGE 48](#).

5.1.2 The SmartBar General Settings-tab

This tab provides you with the possibility to customize the general SmartBar settings.



Version 2015.109



mscrm-addons.com
 SmartBar for MS CRM

Buttons
General Settings
Styling
Global Settings
About SmartBar

1

General Settings

Enable Drag Option ?	Enabled <input checked="" type="checkbox"/>
Open Entities in a new tab ?	Enabled <input checked="" type="checkbox"/>
Always show entity counter ?	Disabled <input type="checkbox"/>
Use filter "All" in subgrids ?	Enabled <input checked="" type="checkbox"/>
Enable Dropdown ?	Enabled <input checked="" type="checkbox"/>
Set max dropdown elements ?	<input type="text" value="50"/>
Maximum Dropdown Height ?	<input type="text" value="300"/>
Dropdown Width ?	<input type="text" value="225"/>
Display Mode ?	<input type="text" value="Horizontal"/>

2

Entity Search Button Settings

Entity Search Button ?	Enabled <input checked="" type="checkbox"/>
Button Width ?	<input type="text" value="200"/>
Maximal Dropdown Height ?	<input type="text" value="300"/>
Dropdown Width ?	<input type="text" value="225"/>

Save Configuration

Cancel

Figure 27: SmartBar – General Settings-tab

1 THE GENERAL SETTINGS

ENABLE DRAG OPTION

Enable this function in order to have *draggable* SmartBar Buttons.

OPEN ENTITIES IN A NEW TAB

All entities will be opened in a new tab if this function is enabled.

ALWAYS SHOW ENTITY COUNTER

Enable this function to count entities *from 0 (zero)*. If there are no related entities, the counter will show "0".

USE FILTER "ALL" IN SUBGRIDS

Enable this function to filter "All" in sub-grids.

ENABLE DROPDOWN

The dropdown functionality for related entities can be enabled here.

SET MAX. DROPDOWN ELEMENTS

Define how many elements should be displayed in the dropdown-menu.

MAX. DROPDOWN HEIGHT

Set the maximum height of the dropdown elements in pixels.

DROPDOWN WIDTH

Set the width of the dropdown box in pixels.

DISPLAY MODE: Select your preferred display mode.



If you change your display mode, you must also change the webresource-formatting in your form settings.

2 ENTITY SEARCH BUTTON SETTINGS

ENTITY SEARCH BUTTON

Check this option in order to enable the entity search button.

BUTTON WIDTH

Define the width of your entity search button.

MAX. DROPDOWN HEIGHT

Define the maximum dropdown height of your Entity Search Button in pixels.

DROPDOWN WIDTH

Define the width your Entity Search Button dropdown box in pixels.

5.1.3 The SmartBar Styling-tab

SmartBar can be customized in two ways: Standard and Metro Style. Depending on the style, also the SmartBar button functions vary.

While the standard configuration only allows to modify background color and counter number color, the metro style also allows to modify the height and width of the buttons. In the Styling-tab, you can select which style you would like to use in the future.

The screenshot shows the SmartBar configuration window, specifically the Styling-tab. At the top, the header includes the SmartBar logo, the version number 2015.109, and the mscrm-addons.com logo. Below the header, there are five tabs: Buttons, General Settings, Styling (which is active), Global Settings, and About SmartBar. The Styling-tab is divided into two sections. The first section, titled 'Styles', contains a 'General Style' dropdown menu with three options: 'Standard', 'Standard', and 'Metro'. The 'Metro' option is currently selected and highlighted in blue. The second section, titled 'Standard Style Configuration', contains three rows of settings. The first row is 'Show Counter Background', which is set to 'Enabled' with a toggle switch. The second row is 'Counter Background Color', which is set to a blue color swatch and the hex code '#0000ff'. The third row is 'Counter Number Color', which is set to a white color swatch and the hex code '#ffffff'. At the bottom of the window, there are two buttons: 'Save Configuration' and 'Cancel'.




SmartBar		Version 2015.109	mscrm-addons.com SmartBar for MS CRM	
Buttons	General Settings	Styling	Global Settings	About SmartBar
Styles				
General Style ?	Standard Standard Metro			
Standard Style Configuration				
Show Counter Background ?	Enabled <input checked="" type="checkbox"/>			
Counter Background Color ?	 #0000ff			
Counter Number Color ?	 #ffffff			
		Save Configuration	Cancel	

Figure 28: SmartBar – Styling-tab

5.1.3.1 Styling-tab Standard style configuration

SmartBar Version 2015.109 

Buttons General Settings **Styling** Global Settings About SmartBar

1 Styles

General Style ? Standard

2 Standard Style Configuration

Show Counter Background ? Enabled

Counter Background Color ? #0000ff

Counter Number Color ? #ffffff

Save Configuration Cancel

Figure 29: SmartBar – Standard style configuration

1 STYLES

GENERAL STYLE

Please use the drop-down menu in order to select between Standard or Metro Style.

2 STANDARD STYLE CONFIGURATION

SHOW COUNTER BACKGROUND

Show a background for your entity counter, which will be displayed next to your buttons.


COUNTER BACKGROUND COLOR

Set the background color of your counter.

COUNTER NUMBER COLOR

Set the color of your counter number. Make sure you use another color than for the counter background.

5.1.3.2 Styling-tab Metro Style configuration



SmartBar Version 2015.109  mscrm-addons.com
SmartBar for MS CRM

Buttons General Settings **Styling** Global Settings About SmartBar

1 Styles

General Style ? Metro

2 Metro Style Configuration

Standard Background Color ?	 #3d8f24
Custom Buttons Background Color ?	 #647687
Standard Button Height ?	90
Standard Button Width ?	90

Save Configuration Cancel

Figure 30: SmartBar – Metro style configuration

1 STYLES

GENERAL STYLE

Please use the drop-down menu in order to select between Metro or Standard Style.

2 METRO STYLE CONFIGURATION

STANDARD BACKGROUND COLOR

Please set the standard background color of your metro buttons here.

CUSTOM BUTTONS BACKGROUND COLOR:

Please define the standard background color of your custom metro buttons here.

STANDARD BUTTON HEIGHT:

Set the standard button height of your metro buttons in pixels here. (Minimum: 32).

STANDARD BUTTON WIDTH:

Set the standard button width of your metro buttons in pixels here. (Minimum: 32).

5.1.4 Global Settings

SmartBar

Version 2015.109



mscrm-addons.com

SmartBar for MS CRM

Buttons
General Settings
Styling
Global Settings
About SmartBar

1 Global Settings

Enable Debugging ?	<div style="background-color: #0070c0; color: white; padding: 2px 5px; border-radius: 3px;">Enabled</div>
Activity-Button shows only active records ?	<div style="background-color: #ccc; padding: 2px 5px; border-radius: 3px;">Disabled</div>
Permission Configuration ?	<div style="background-color: #ccc; padding: 2px 10px; border-radius: 3px;">Change</div>
Update Combobox Entities ?	<div style="background-color: #ccc; padding: 2px 10px; border-radius: 3px;">Update</div>
Delete user specific button order ?	<div style="background-color: #ccc; padding: 2px 10px; border-radius: 3px;">Delete</div>
Regenerate Metadata ?	<div style="background-color: #ccc; padding: 2px 10px; border-radius: 3px;">Execute</div>
Use User Language ?	<div style="background-color: #0070c0; color: white; padding: 2px 5px; border-radius: 3px;">Enabled</div>
Specific Language ?	<div style="border: 1px solid #ccc; padding: 2px 10px; border-radius: 3px;">English (United States) ▼</div>

Save Configuration

Cancel

Figure 31: SmartBar – Global Settings

1 GLOBAL SETTINGS

ENABLE DEBUGGING

Switch to *enabled* to enable debugging.



Enabling this option will probably slow down your system.

ACTIVITY-BUTTON SHOWS ONLY ACTIVE RECORDS

The **[Activity]**-button will only show and count active records, if this option is enabled.

PERMISSION CONFIGURATION

Users having this security role are allowed to configure SmartBar.

UPDATE COMBOBOX ENTITIES

Update the sitemap entries of the entity search button.

DELETE USER SPECIFIC BUTTON ORDER

Force every user to use your global button order by deleting their User/Temp Settings.

REGENERATE METADATA

Generate every fetch and title of the SmartBar buttons.

USE USER LANGUAGE

SmartBar buttons will be shown in the selected user language if this option is enabled.

SPECIFIC LANGUAGE

Define a specific language exclusively for the SmartBar buttons.

6 Uninstall SmartBar for MS CRM 2015/2016 and Dynamics 365

To uninstall SmartBar select "Programs and Features" in the Control Panel.

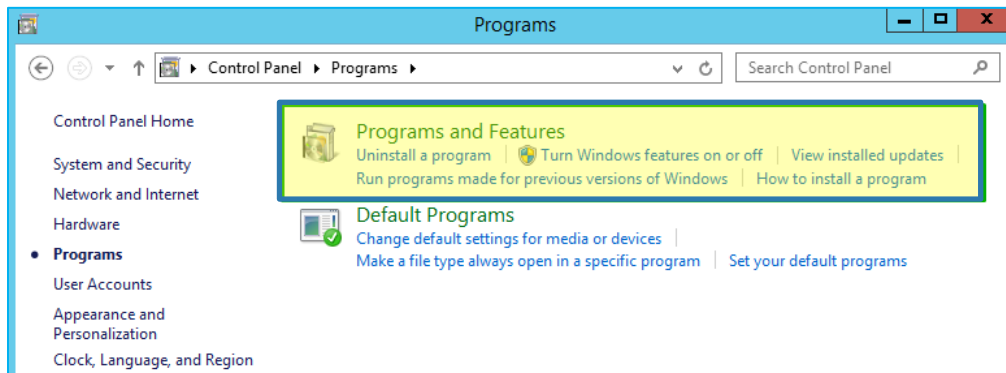


Figure 32: Uninstall – Programs and Features

Search for SmartBar for MS CRM 2015/2016 and/or Dynamics 365 in *Uninstall or change a program* and click on it in order to open the file.

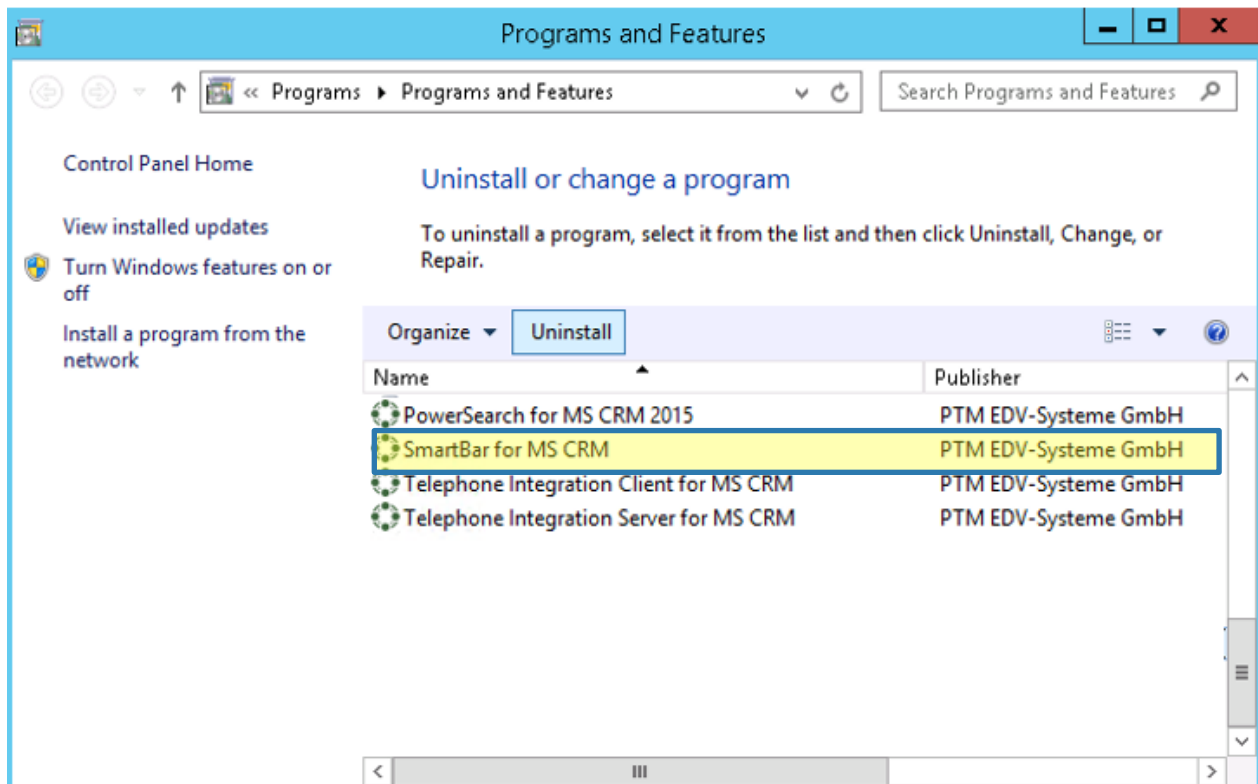


Figure 33: Uninstall – Uninstall or change a program

Check the *Full Uninstall*-option in order to remove the application and the solutions from within your CRM.

Check *Uninstall application only* in order to leave all solutions in your CRM. Only the management part for this application will be uninstalled.

Click on the **[Continue]**-button in order to finish the uninstall process.

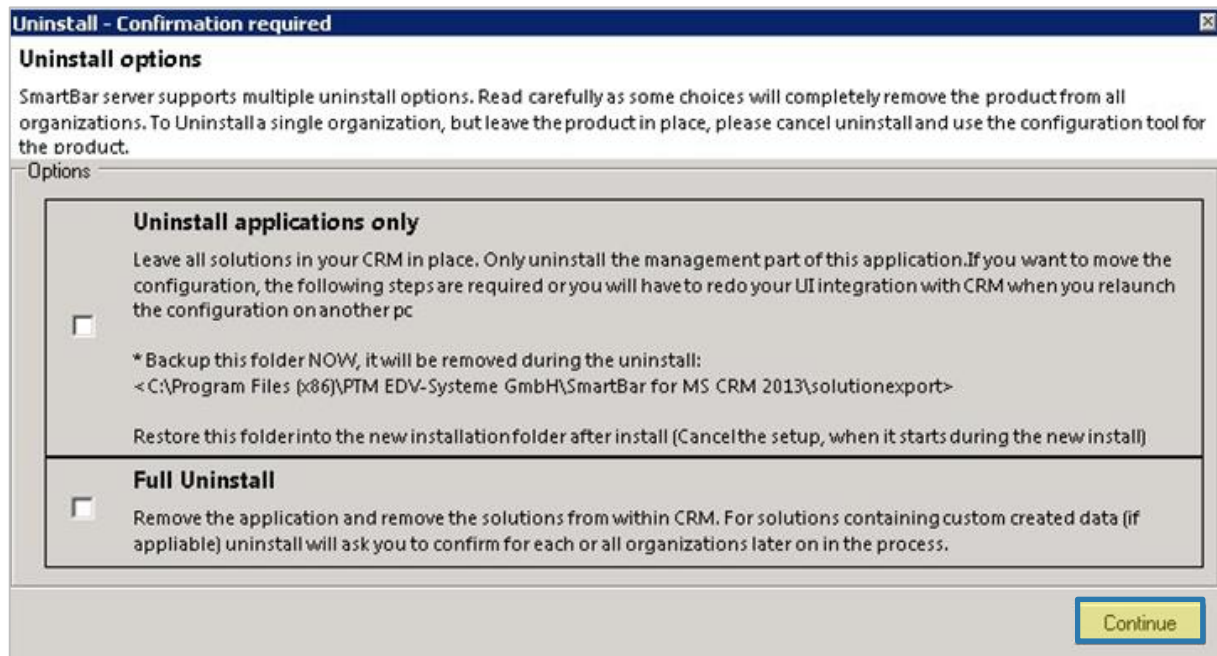


Figure 34: Uninstall – Confirmation required

7 Tutorials ("How To's")

This chapter provides you with helpful tutorials that show you how to work with XXX efficiently.

7.1 How to embed SmartBar as a WebResource?

Follow this step-by-step instruction to properly embed SmartBar as a webresource into your Dynamics CRM.

- 1) Open the entity into which you want to embed SmartBar (here: Sample Account 1 **1**) and click on the **[Form]**-button **2** in the command bar.

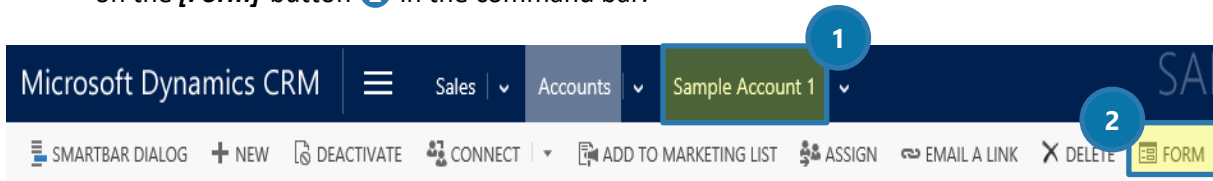


Figure 35: Dynamics CRM command bar – [Form]-button

- 2) In the next window select the **Insert**-tab **1** and select the **[Web Resource]**-button **2**.

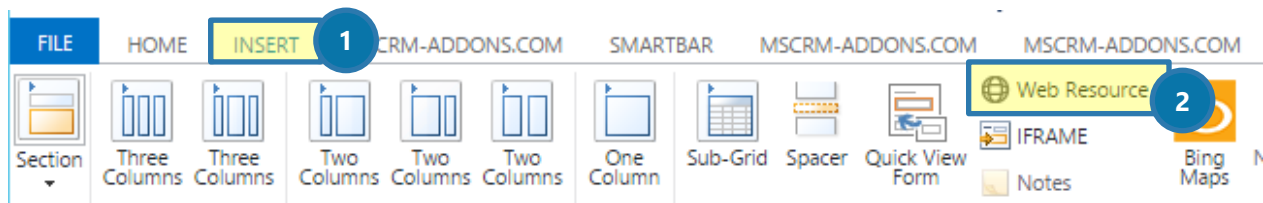


Figure 37: Insert webresource

- 3) The **Add Web Resource**-window opens. Look for *ptm_SmartBar/MainPage.html* in the web resource field. If it does not appear automatically, press the **[Look up More Records]**-button **1**.

Add Web Resource

Add an existing web resource to the Form.

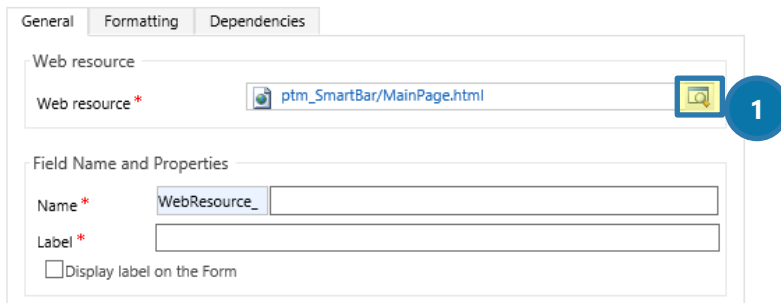


Figure 36: Look for Ptm_SmartBar/MainPage.html

- 4) The "Look up record"-window appears. As soon as you have found the correct file, please mark it and click on the **[Add]**-button.

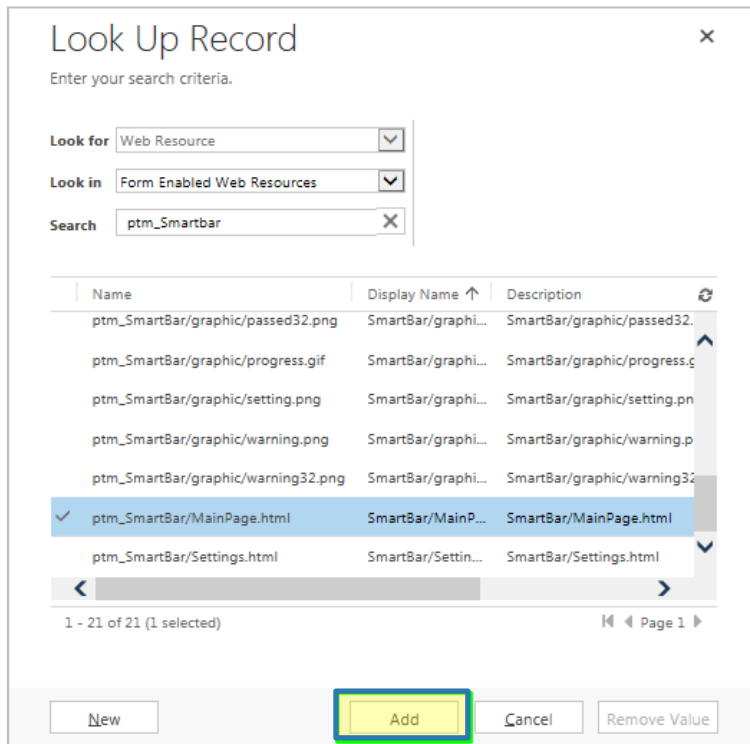


Figure 38: Look up Record-window

- 5) Now, the **Add Web Resource**-window appears again. Please name your web resource and insert the name in the **Name***-field ①. Next, click on the **[OK]**- button ② in order to proceed.

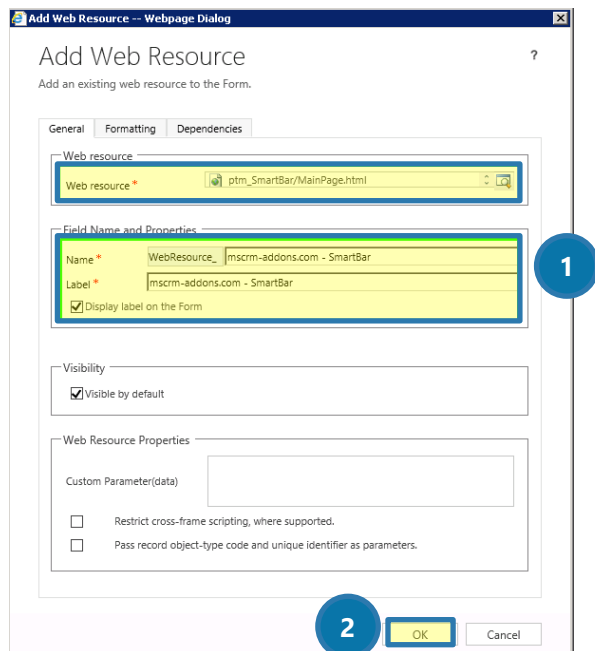


Figure 39: Add Web Resource

6) In the next window, drag and drop the new form to its future place.

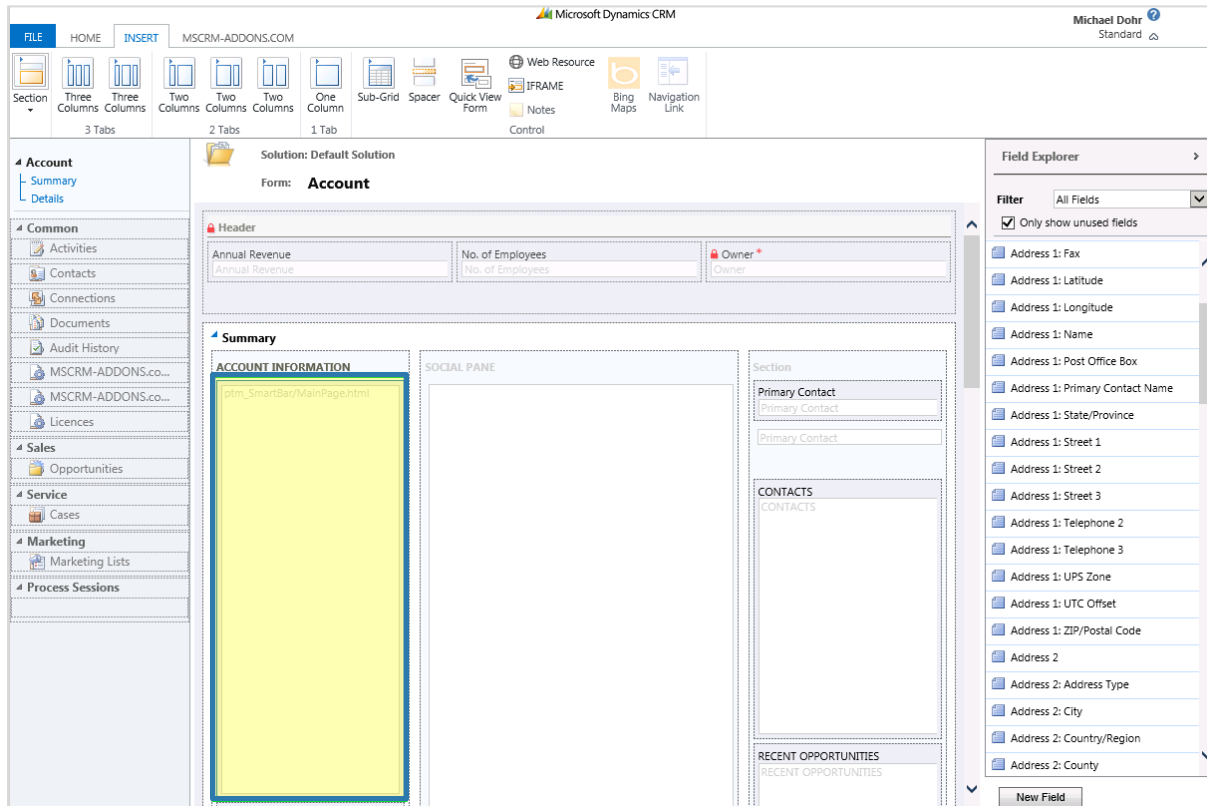


Figure 40: Drag and drop the new form

7) Once finished, please go back to the *Home*-tab and click on the **[Save]**-button and the **[Publish]**-button.

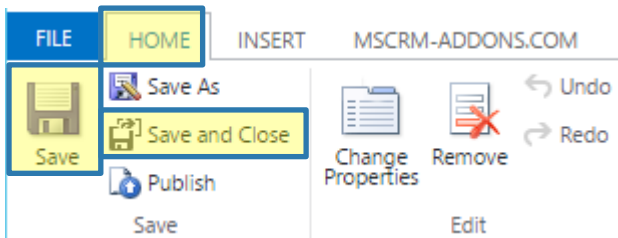


Figure 41: Home-tab

8) Now the following window appears:

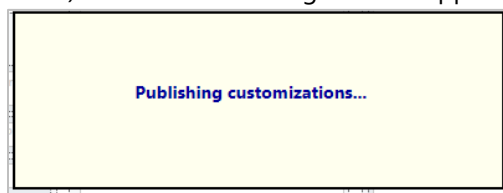


Figure 42: Publishing customizations...

Now return to the entity you wanted to add SmartBar. Refresh the page. Your entity should appear like the one in figure 43.

Microsoft Dynamics CRM

Sales Accounts Sample Account 1

SMARTBAR DIALOG NEW DEACTIVATE CONNECT ADD TO MARKETING LIST ASSIGN EMAIL A LINK DELETE FORM

ACCOUNT

Sample Account 1

You are using a trial version of SmartBar. You have 13 days left.

Summary

ACCOUNT INFORMATION

ACTIVITIES 4 | CONTACTS 1 | OPPORTUNITIES 1 | QUOTES 0 | ORDERS 0 | INVOICES 0 | CASES 0 | NOTES 0

Search for Entity

Account Name * **Sample Account 1**

Phone **0123456789**

Fax **0123456789**

Website **http://sample@account1.at**

Parent Account --

Ticker Symbol --

ADDRESS

Streetview 1

Streetview 2

Street 9020

ACTIVITIES

All (4) Quick Search

FUTURE ACTIVITIES

Activity	Due Date
Test task	12/31/2016

POSTS

Enter post here

Both Auto posts User posts

Sample Account 1

Account: Created By Alexandra Kumer.

On Sample Account 1's wall

12/10/2015 1:34 PM

Figure 43: Example result

7.2 Embed SmartBar in Dashboards

SmartBar for MS Dynamics CRM 2015/2016 and Dynamics 365 can as well be embedded in any of your CRM-dashboards. Please follow the below tutorial in order to add SmartBar to dashboards.

- 1) To add SmartBar to your CRM-Dashboard e.g. for the entity Sales, please open your CRM-system and navigate to *Sales > Dashboard*. In order to create a new custom dashboard, click on the **[New]**-button in the command bar. If you want to edit an existing dashboard, simply select an existing one and click on the **[Edit]**-button. In our example, we will create a new dashboard.

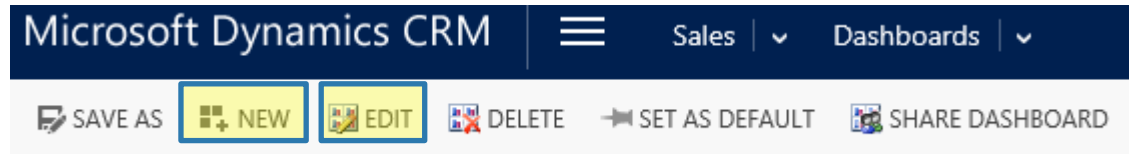


Figure 44: Open/edit a dashboard

Select an empty grid in the window that opens now and click on the **[Create]**-button in order to continue.

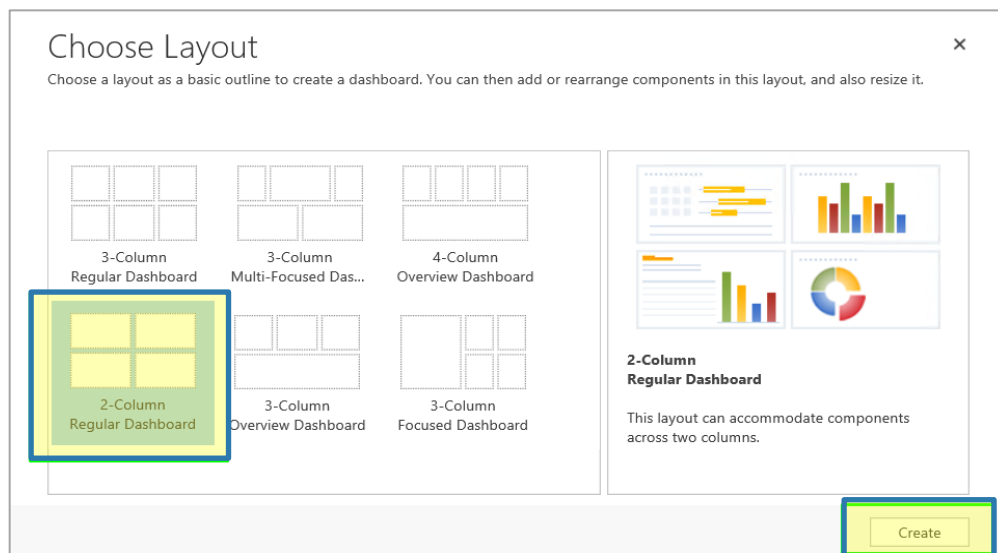


Figure 45: Select a layout

- 2) Afterwards, click on the **[Webresource]**-button in the command bar or on the *web resource*-icon in the grid window that opens now:

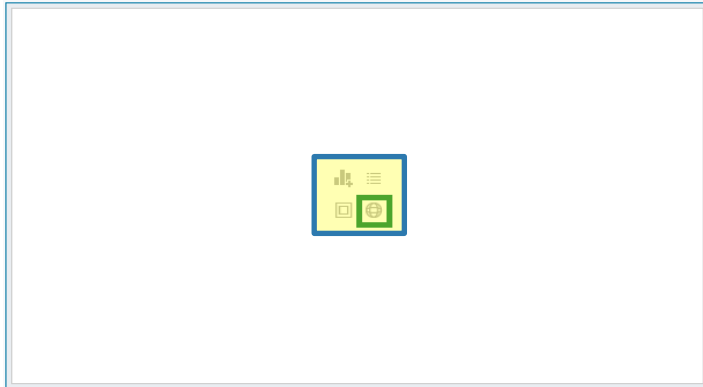


Figure 46: Open a web resource

- 3) Please proceed like shown in step 3 – 5 in the previous chapter. For further information on this topic, please go to [CHAPTER 7.1 HOW TO EMBED SMARTBAR AS A WEBRESOURCE? ON PAGE 38](#) and navigate to step 3.
- 4) SmartBar has now been added to your dashboard. To modify the height and width, simply use the scaling buttons **1** in the command bar.

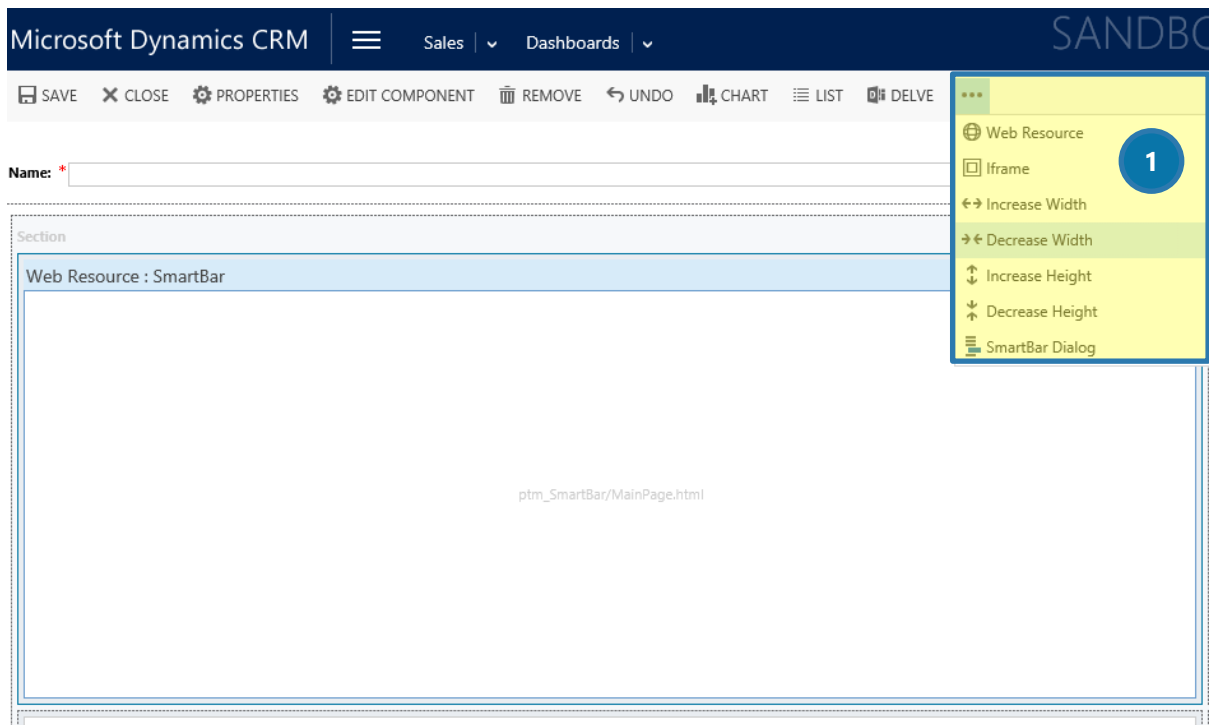


Figure 47: Modify height and width

A possible result could look like figure the one in figure 48.

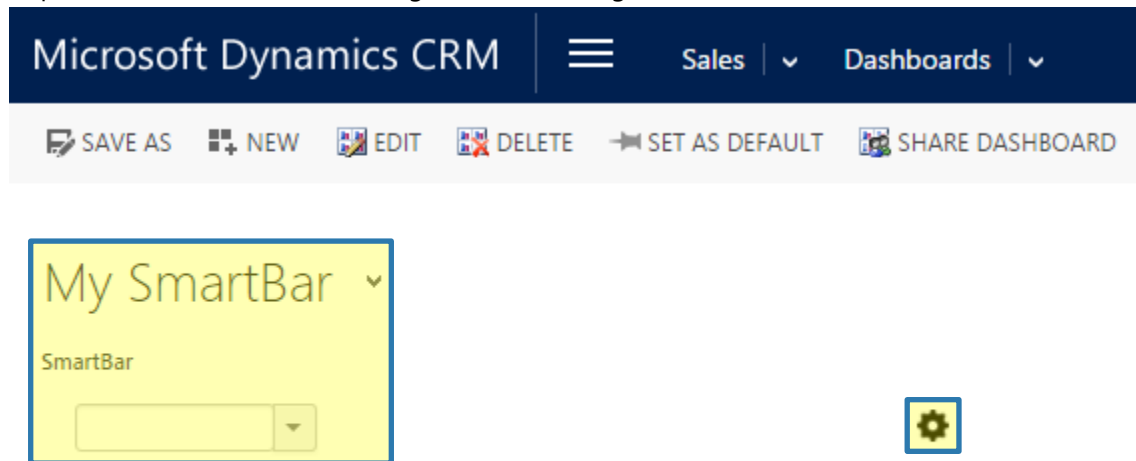


Figure 48: Modify height and width

All you have to do now is to click on the SmartBar Settings to configure your custom buttons. For more information on the SmartBar buttons, have a look at [CHAPTER 5.1.1 THE BUTTONS-TAB ON PAGE 26](#).

7.3 How to navigate with SmartBar

SmartBar for MS Dynamics CRM 2015/2016 and/or Dynamics 365 allows a simple forth and back navigation between CRM entities and related records with a simple click on the corresponding SmartBar button. You can either navigate from an entity where SmartBar is embedded or from the SmartBar dialog.

No matter which option you select, the SmartBar persists anyway when you switch to related entities. This is the reason why SmartBar enables a simple back and forth navigation within MS CRM/Dynamics 365. Simply click on one of the listed entities, e.g. activity, to change to activities.



If you switch between several activities, you have to make sure to save your changes. They are not automatically saved. If you do not save them, they will be lost.

7.3.1 How to navigate from an entity where SmartBar is embedded

To navigate from an entity where SmartBar is embedded to a related record, simply click on the record you would like to open (here: *Opportunities*) and you will be redirected to the related opportunities.

ACCOUNT ▾

Sample Account 1 ≡

Summary

ACCOUNT INFORMATION

ACTIVITIES 4 | CONTACTS 1 | OPPORTUNITIES 1 |

QUOTES 0 | ORDERS 0 | INVOICES 0 | CASES 0

NOTES 0 | Search for Entity ▾

Account Name * Sample Account 1

Phone 0123456789

Fax 0123456789

Website <http://sample@account1.at>

Parent Account --

Ticker Symbol --

ADDRESS

Streetview 1

Streetview 2

Street 9020

Figure 49: Modify height and width

7.3.2 How to navigate directly from the SmartBar dialog

To access the SmartBar dialog, click on the **[SmartBar Dialog]**-button in the command bar.

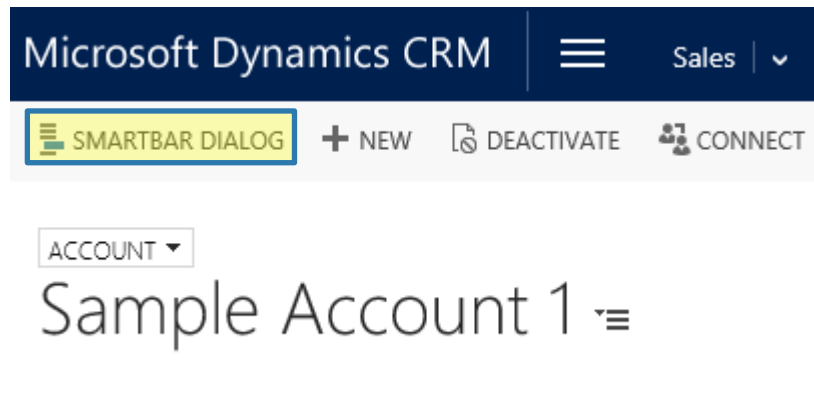


Figure 50: Open the SmartBar Dialog

The SmartBar dialog appears at the top of the current window. It can be moved up and down, as well as from the left to right if the corresponding settings are enabled.

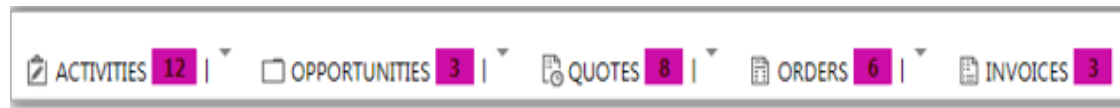


Figure 51: SmartBar Dialog

7.4 How to add or remove Standard SmartBar buttons

The customization of Standard SmartBar buttons is said to be one of the easiest things that you can do with our addons.



Figure 52: Buttons-tab

In the left column, you can see a list of all available buttons, while in the right column you see the buttons that are currently installed.

To add a button (here: *Users*) ① to the SmartBar, simply click on it in the *Available Buttons*-section. Next, click on the arrow that points from left to right ②. The button will be visible on site as soon as you save the configuration ③.

To delete SmartBar buttons, simply highlight a button in the *Currently On Site*-section. Next, click on the arrow that points from right to left and the button will be deleted.



Standard buttons still exist in the list if you remove they are removed from the current site. However, if you delete custom buttons, they will be deleted permanently. However, do not forget to save your configuration ③!

7.5 How to add Custom Buttons

SmartBar for MS Dynamics CRM 2015/2016 and Dynamics 365 also allows you create customized buttons. To do so, click on the **[Add]**-button ① in the SmartBar settings' *Buttons*-tab in the right lower corner.

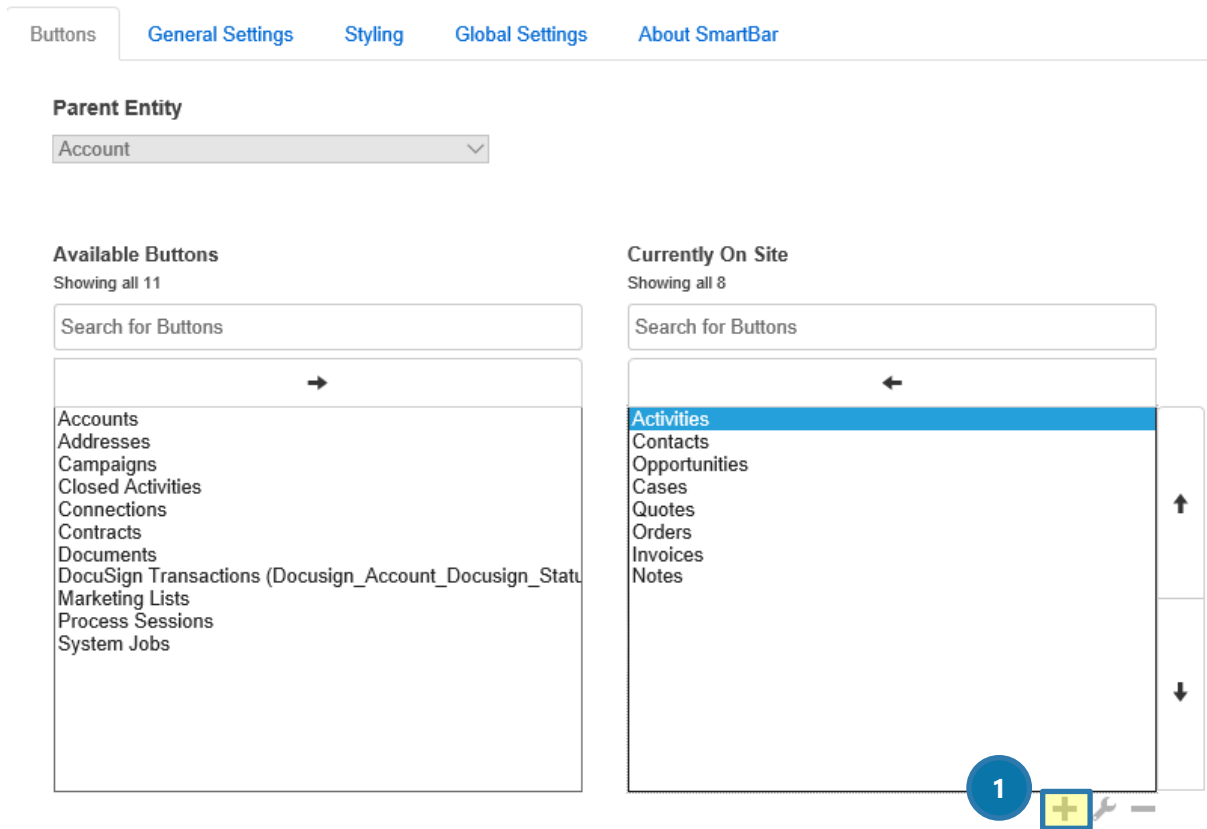


Figure 53: Add customized button

For further information on the SmartBar Settings, please have a look at [CHAPTER 5 THE SMARTBAR SETTINGS ON PAGE 23](#).

Once you have clicked on the **[Add]**-button, you will be presented with the below window. It helps you to customize your button. As for example, in the *Type*-section, you can select between Entity|Sitemap, Javascript Function, Scroll to Section or Link.

Custom Buttons

Type

Link

Title* (English)

Name*

Button Icon

Link*

Type

- Link
- Javascript Function
- Link
- Entity | Sitemap
- Scroll to Section

Figure 55: Different button types

Create Cancel

Figure 55: Customize buttons-window

Please find detailed information regarding to the different types in the course of the next chapters.

7.5.1 How to add **[Javascript Function]**-buttons

To add an **[Javascript Function]**-button, simply select the below explained settings.

Custom Buttons

Type
Javascript Function

Title* (English)
German
Finnish
French

Name*
Button Icon
Webresource Name*
Function Name*
Parameter
id,etn,etc,"string"

Create Cancel

TYPE

Javascript Function

TITLE*

This section enables you to customize the title of your buttons in different languages. To do so, click on the drop-down arrow next to *Title* and type in the corresponding terms.

NAME*

Please define a unique name for your custom button. It is important, that the name is unique!

BUTTON ICON

The purpose of this field is to configure the icon on the button. With a click on the icon, you will be transferred to the *Web Resource Overview*.

In order to create an individual icon, please follow the instructions in [CHAPTER 7.8CUSTOM BUTTONS WINDOW GENERAL STYLE](#) vs Custom Buttons Window Metro Style

There is a difference between the *Custom Button-window* in Standard Style and the *Custom Button-window* in Metro Style. If you use Metro Style, the *Custom Buttons* window offers options. Next to the already explained options, you will find the explanation for the extra buttons in this chapter.

If you switch from *Standard Style* to *Metro Style*, your *Custom Button-window* will contain all the usual components of the Custom Buttons-window plus the *Button Background Color* and the *Button Width* option.

BUTTON BACKGROUND COLOR

Define a specific color for every single type in your Metro styled SmartBar. The default color code is #647687. If you click on the code or the color, an RGB color picker drops down and allows you to change the default color.

BUTTON WIDTH

Please define the SmartBar Button pixels here. The default setting is 90 pixels.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

How to configure customized icons [ON PAGE 65](#).

WEBRESOURCE NAME*

Please define the Webresource containing your Javascript function. The search for the Webresource

works similar to the search for the icon. Instead of looking for a matching icon, simply search for a matching webresource.

FUNCTION NAME*

Type in the name of the function which should be executed.



Fields with * are mandatory and must be completed in order to proceed.

PARAMETER:

Here, you can define parameters which should be passed to your function. Available parameters are:

id (unique id to the starting CRM record),
etn (entity type name of the CRM record),
etc (entity type code of the CRM record) and
a custom *string*.



You can select between up to four parameters. However, they have to be separated by a comma!

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

7.5.2 How to add [\[Link\]](#)-buttons

To add a [\[Link\]](#)-button, simply select the below explained settings.

TYPE Link

TITLE*

enables you to customize the title of your buttons in different languages. To do so, click on the drop-down arrow next to *Title* and type in the corresponding terms.

NAME*

Here you can define a unique name for your custom button. It is important that the name is unique!

BUTTON ICON

The purpose of this field is to configure the icon on the button. With a click on the icon, you will be transferred to the *Web Resource Overview*.

In order to create an individual icon, please follow the instructions in [CHAPTER 7.8CUSTOM BUTTONS WINDOW GENERAL STYLE](#) vs Custom Buttons Window Metro Style

Figure 56: Customize [\[Link\]](#)-buttons

There is a difference between the *Custom Button-window* in Standard Style and the *Custom Button-window* in Metro Style. If you use Metro Style, the *Custom Buttons* window offers options. Next to the already explained options, you will find the explanation for the extra buttons in this chapter.

If you switch from *Standard Style* to *Metro Style*, your *Custom Button-window* will contain all the usual components of the Custom Buttons-window plus the *Button Background Color* and the *Button Width* option.

BUTTON BACKGROUND COLOR

Define a specific color for every single type in your Metro styled SmartBar. The default color code is #647687. If you click on the code or the color, an RGB color picker drops down and allows you to change the default color.

BUTTON WIDTH

Please define the SmartBar Button pixels here. The default setting is 90 pixels.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

How to configure customized icons [ON PAGE 65](#).

[LINK*](#) Please type in the your link here

As soon as you have applied all the necessary changes, please click on the **[Create]**-button in order to add the link-button.



Fields with a * are mandatory fields and must be completed in order to proceed.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

7.5.3 How to add **[Entity | Sitemap]**-buttons

To add an **[Entity | Sitemap]**-button, simply select the below explained settings.

Custom Buttons

Type

Entity | Sitemap

Choose an Entity or Sitemap*

Title* (English)

Name*

Button Icon

Create

Cancel

Figure 57: Customize **[Entity | Sitemap]**-buttons



The names must be unique!

Fields with * are mandatory fields and must be completed in order to proceed.

TYPE Entity | Sitemap

CHOOSE AN ENTITY OR SITEMAP*

With a click on the drop-down arrow the window displayed here opens.

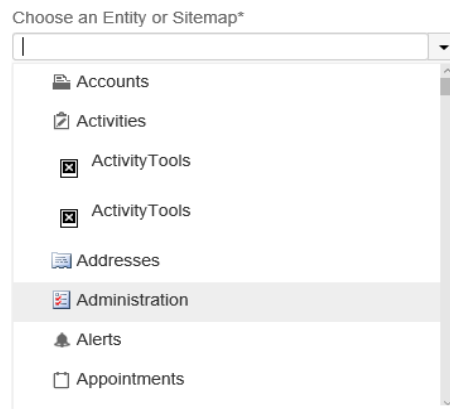


Figure 58: Choose an Entity or Sitemap*

Please define which Entity or Sitemap Entry should be opened when you click on the Custom Button. All the other fields will be filled automatically according to the selected entity or site map, but you can also insert your own terms.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

In order to create an individual icon, please follow the instructions in [CHAPTER 7.8CUSTOM BUTTONS WINDOW GENERAL STYLE](#) vs Custom Buttons Window Metro Style

There is a difference between the *Custom Button-window* in Standard Style and the *Custom Button-window* in Metro Style. If you use Metro Style, the *Custom Buttons* window offers options. Next to the already explained options, you will find the explanation for the extra buttons in this chapter.

If you switch from *Standard Style* to *Metro Style*, your *Custom Button-window* will contain all the usual components of the Custom Buttons-window plus the *Button Background Color* and the *Button Width* option.

BUTTON BACKGROUND COLOR

Define a specific color for every single type in your Metro styled SmartBar. The default color code is #647687. If you click on the code or the color, an RGB color picker drops down and allows you to change the default color.

BUTTON WIDTH

Please define the SmartBar Button pixels here. The default setting is 90 pixels.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

How to configure customized icons [ON PAGE 65](#).

7.5.4 How to add **[Scroll to Section]**-buttons

To add an **[Scroll to Section]**-button, simply select the below explained settings.

Custom Buttons

Type

Scroll to Section

TYPE

Scroll to Section

Title* (English)

TITLE*

enables you to customize the title of your buttons in different languages. To do so, click on the drop-down arrow next to *Title* and type in the corresponding terms.

German

Finnish

French

Name*

NAME*

Here you can define a unique name for your custom button. It is important that the name is unique!

Button Icon

ICON

The purpose of this field is to configure the icon on the button. With a click on the icon, you will be transferred to the *Web Resource Overview*. In order to create an individual icon, please follow the instructions in [CHAPTER 7.8CUSTOM BUTTONS WINDOW GENERAL STYLE](#) vs Custom Buttons Window Metro Style

Element ID*

Create

Cancel

Figure 59: Customize **[Scroll to Section]**-buttons

There is a difference between the *Custom Button-window* in Standard Style and the *Custom Button-window* in Metro Style. If you use Metro Style, the *Custom Buttons* window offers options. Next to the already explained options, you will find the explanation for the extra buttons in this chapter.

If you switch from *Standard Style* to *Metro Style*, your *Custom Button-window* will contain all the usual components of the Custom Buttons-window plus the *Button Background Color* and the *Button Width* option.

BUTTON BACKGROUND COLOR

Define a specific color for every single type in your Metro styled SmartBar. The default color code is #647687. If you click on the code or the color, an RGB color picker drops down and allows you to change the default color.

BUTTON WIDTH

Please define the SmartBar Button pixels here. The default setting is 90 pixels.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

How to configure customized icons [ON PAGE 65](#).

ELEMENT ID*



Please type in a html-ID from the CRM-form.

Fields with * are mandatory fields and must be completed in order to proceed.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

7.6 How to edit Custom Buttons

Please select a custom button from the *Currently on Site* row (here: *Activities*). Then click on the **[Monkey wrench]**-button.

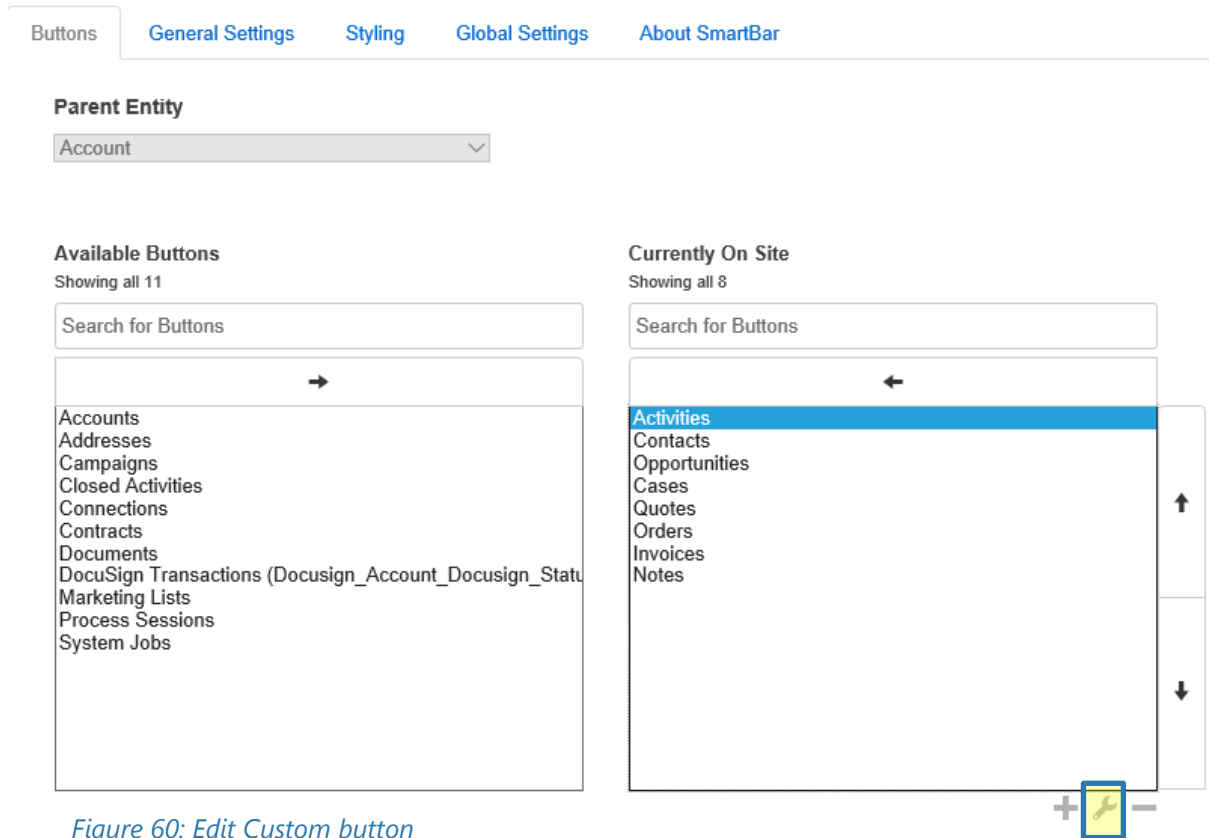


Figure 60: Edit Custom button

. In the so opened window, the settings of the button can be customized.

Entity Buttons

Logical Name

Title

English
 French
 Finnish
 German

Button Background Color

Please click on the **[Update]**-button in order to save your settings.

Figure 61: Edit Custom button

7.7 How to delete Custom Buttons

To delete a custom button, simply select a custom button from the *Currently on Site* row. Next, click on the **[Minus]**-button in order to remove the button from the list.

Currently On Site

Showing all 8

←

Activities

Contacts

Opportunities

Cases

Quotes

Orders

Invoices

Notes

↑

↓

+

⚙

−

Figure 62: Delete Custom button



Standard Entity-Buttons still exist in the list if you remove them from the SmartBar. If you delete custom buttons, they will be deleted permanently.

7.8 Custom Buttons Window General Style vs Custom Buttons Window Metro Style



There is a difference between the *Custom Button*-window in Standard Style and the *Custom Button*-window in Metro Style. If you use Metro Style, the *Custom Buttons* window offers options. Next to the already explained options, you will find the explanation for the extra buttons in this chapter.

If you switch from *Standard Style* to *Metro Style*, your *Custom Button*-window will contain all the usual components of the Custom Buttons-window plus the *Button Background Color* and the *Button Width* option.

Figure 63: Custom buttons window Metro Style

BUTTON BACKGROUND COLOR

Define a specific color for every single type in your Metro styled SmartBar. The default color code is



#647687. If you click on the code or the color, an RGB color picker drops down and allows you to change the default color.

Figure 64: Color picker

BUTTON WIDTH

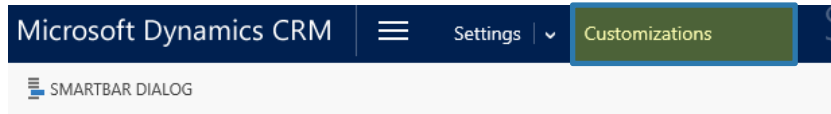
Please define the SmartBar Button pixels here. The default setting is 90 pixels.

Please click on the **[Create]**-button in order to add the Custom Button to the SmartBar.

7.9 How to configure customized icons

There are two possible options, if you want to configure an icon. This chapter explains how to configure a customized icon.

- 1) Go to the settings and select *Customizations > Customize the System*.



Customization

Which feature would you like to work with?

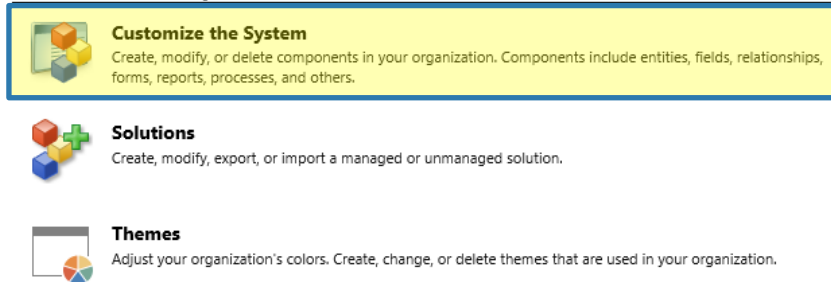


Figure 65: Customizations > Customize the system

- 2) Please select *Web Resource* as component type ① and click on the **[New]**-button ② in the window that appears now.

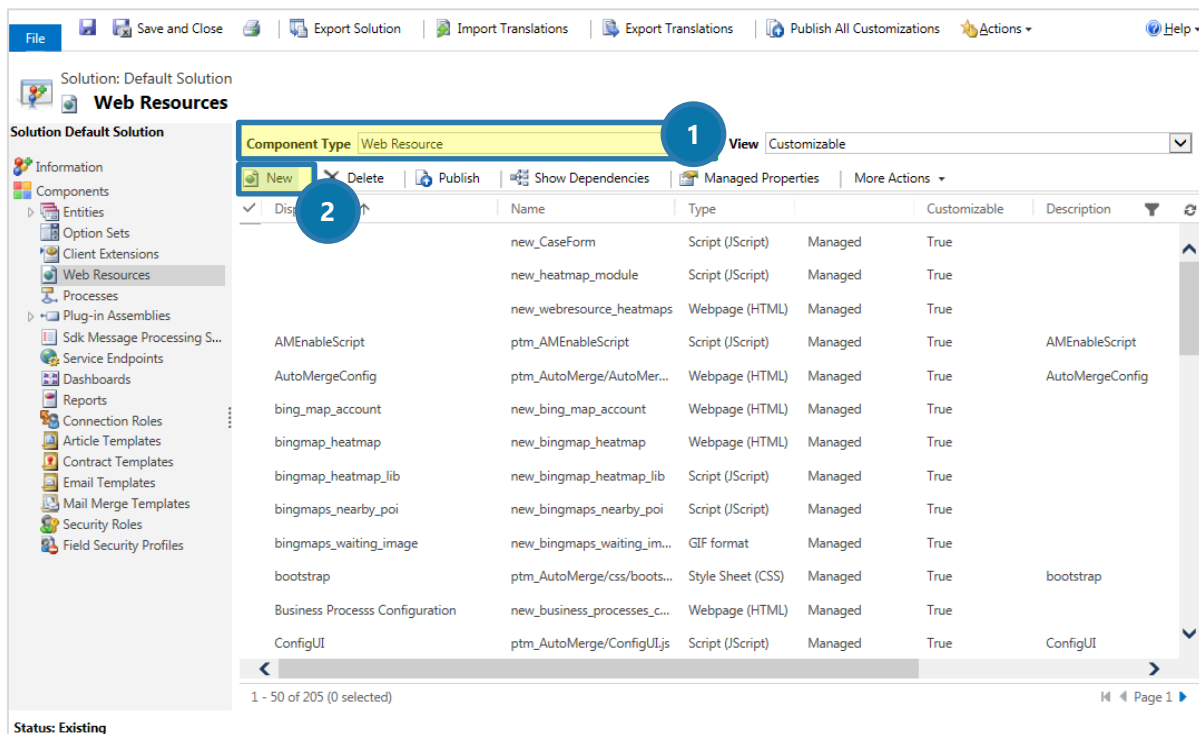


Figure 66: Select the component type

- 3) In the next window, you can customize your icon. Please find a detailed description of the fields below.

The screenshot shows the 'Web Resource: New' dialog box. At the top, there is a title bar with 'Solution: Default Solution' and a subtitle 'Web Resource: New'. Below this, the dialog is divided into four sections:

- General**: Contains three fields: 'Name *' (with a small blue box containing 'new_'), 'Display Name', and 'Description' (a large text area).
- Content**: Contains two dropdown menus: 'Type *' and 'Language'. Below these is an 'Upload File' section with a file input field and a 'Durchsuchen...' button.
- URL**: Contains a single 'URL' input field.

Figure 67: Customize icon

NAME*

Please fill in a name for the button.

DISPLAY NAME

Please type in a display name for the new button to be shown in the web resource overview.

DESCRIPTION

Please type in a short description here.

TYPE*

Select a file-type from the drop-down-list.

LANGUAGE

Please select a language by using the drop-down arrow.

UPLOAD FILE

Please click on the **[Browse]**-button in order to upload a file.

URL

The URL is generated automatically after you have saved your changes.



Fields with * are mandatory fields and must be completed in order to proceed.

- 4) Next, click on the **[Save]**-button and afterwards, click on the **[Publish]**-button in order to add your icon to the web resource overview.

Your icon will be displayed in the *Look Up Record*-window and you can use it anytime you want.

8 Contact

For further technical questions, please visit our blog <http://blogs.mscrm-addons.com> or contact support@mscrm-addons.com.

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