



IMAGE CONTROL CUSTOMIZER GUIDE

Dynamics CRM 2011

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VERSION

This version is 1.1 of the customizer Guide for Wavextend Image Control for Dynamics CRM 2011.

In case you have remarks, preferably constructive feedback, on this guide. Please send a mail to its authors at userguide@wavextend.com

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INTRODUCTION

The Wavextend Image Control allows you to configure image in CRM forms as you would any other field. Therefore it supports auditing, field level security and offline availability in Dynamics CRM for Outlook.

The Wavextend Image Control works both for Dynamics CRM 2011 on premise as well as Dynamics CRM 2011 Online.

The 5.02 release of the control supports JPEG, GIF, PNG and BMP image format.

There is a free edition that contains a Wavextend logo (in case no image was uploaded) and a link to our website.

There is also a commercial edition without adware available. Please send your quote request to quote@wavextend.com for price information or go to our web shop: <http://www.wavextend.com/en/Order/Order>

INSTALLATION

First extract the downloaded package to your hard drive. The package contains two solution files and a license agreement.

Import the solution into your CRM deployment:

If you do not have Wavextend Calculation Framework and or List Manager installed please first import the solution:

- WavextendFrameworkLicenseOnly_managed.zip

and then import:

- WavextendImageControl_managed.zip

Or if you do have Wavextend Calculation Framework and or List Manager installed then just import the solution:

- WavextendImageControl_managed.zip

In case asked please make sure to select overwrite any customizations and activate any processes.

CONFIGURATION

To use the Wavextend image control take the following steps.

PREPARING A FIELD

The Wavextend image control stores its data in a normal CRM field of type memo. You must first create a field to store the image.

1. Go to customizations
2. Click Customize the system
3. Click on Entities
4. Expand the entity to which to add the field
5. Click Fields
6. Click New
7. Enter the display name, name and description of the field
8. Select "Multiple Lines of Text" for Type
9. Enter a maximum size for the image.
The maximum value is 1.048.576 this is approximately 768Kb.
10. It is recommended to set:
Requirement Level: None
Auditing: Disabled*
IME Mode: disabled
Field Security: Disabled
The values for these fields can be modified later if the option is required.
11. Save the field

* Enabling auditing is supported, but not recommended unless needed. Enabling auditing will increase the disk space requirement for the CRM database as full copy of the image is kept every time the field is changed.

ADDING THE CONTROL TO A FORM

1. Go to customizations
2. Click Customize the system
3. Click on Entities
4. Expand the entity to which to add the field
5. Click Forms
6. Open the form to add the field to
7. On the Insert tab click on Web Resource
8. In the Web Resource field select "Wavextend Image Control"
(wx_/ImageControl/Wavextend.ImageControl.xap)
9. Give the control a name and label
10. In the "Custom Parameters" field enter the parameters (see below)
11. Click OK
12. Save and Publish the form.

Parameters

The parameters are required to control the behavior of the Wavextend image control. Parameters are placed in a URL encoded string.

Name	Description
Field Required	(string) The logical name of the field to store the image in (the multi line text attribute you created)
Resize	(bool) When true the image will be resized prior to saving it. Both maxwidth and maxheight must be specified. Image resizing maintains the aspect ratio.
maxwidth	(int) Maximum width of the image after resize.
maxheight	(int) Maximum height of the image after resize
maxdatasize	(int) Optionally restrict the maximum size of the image. This must be equal to or less than the field size.

Examples:

Only containing the field to use:

```
Field=new_myimagefield
```

With resize to max 300x300 pixels

```
field=new_myimagefield&resize=true&maxwidth=300&maxheight=300
```

NOTE : The multiline text attribute does not have to be published on the form.

If the field is present on the form the image is updated through this field; when the form is saved the image is saved, if the form is closed without saving the image is not saved.

If the field is not present on the form the image will be updated using the CRM webservice; the image is then saved when the image is uploaded.

USAGE

The image on your form now should look something similar to this:




Figure 1. Image on form

There are three options:

1. Clear the image (the x button)
2. Upload new image (the arrow up button)
3. Go to the Wavextend website (click on the url)

After upload (and save of record) your image could look similar to this:

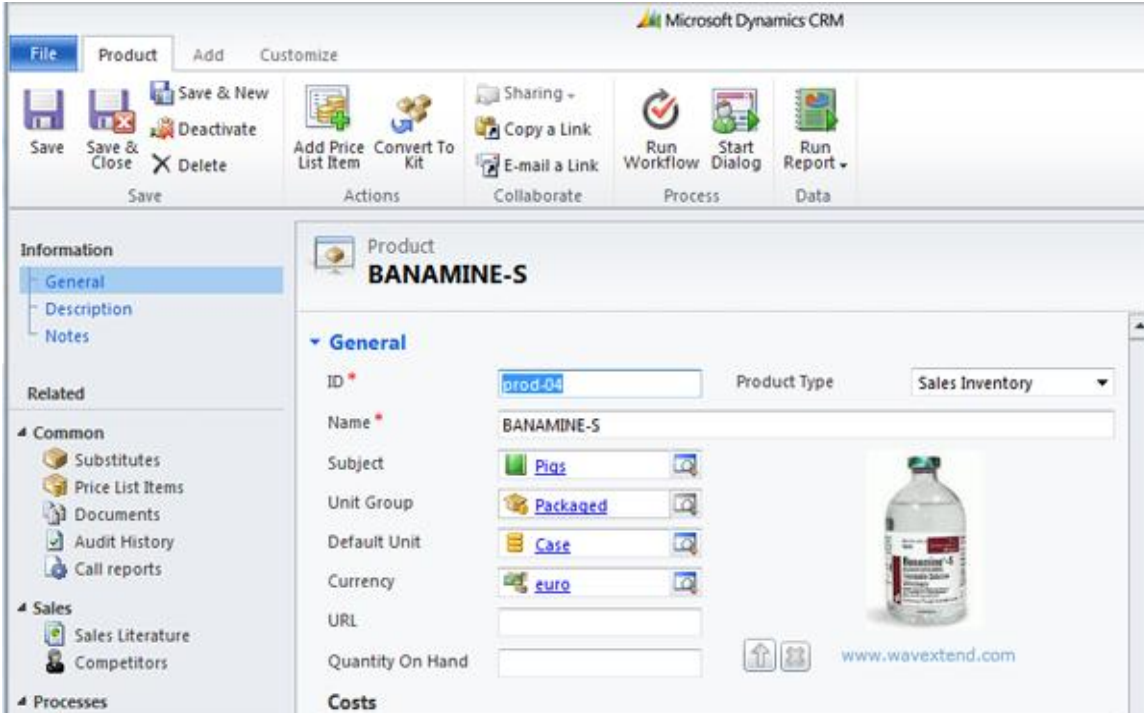


Figure 2. Uploaded image

