



Measured Number Column

User Guide

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Contents

1. Introduction.....	1
2. Installation.....	2
2.1 Product Files	2
2.2 Software Requirements	3
2.3 Installation	4
2.4 Upgrade.....	5
2.5 Uninstallation	6
2.6 Command Line Installation	6
2.7 Feature Activation.....	9
3. How to Use Measured Number Column.....	10
3.1 Create a Measured Number Column in a List.....	10
3.2 Edit a Measured Number Column in a List.....	12
3.3 Delete a Measured Number Column in a List.....	12
4. How to Use Calculated Measured Number Column.....	13
4.1 Create a Calculated Measured Number Column in a list.....	13
4.2 Edit a Calculated Measured Number Column in a List.....	14
4.3 Delete a Calculated Measured Number Column in a List.....	15
5. How to Create New Unit of Measurement.....	16
5.1 Create A New Single Unit.....	16
5.2 Create A Mixed Unit	21
5.3 Edit a Unit	26
5.4 Delete a Unit.....	27
5.5 Delete a Measurement	27
5.6 Activate/Deactivate a Measurement.....	28
5.6 Activate/Deactivate a Unit	29
5.6 Add a Measurement to Favorites.....	30
6. Troubleshooting & Support.....	33
Appendix: License Management.....	34

1. Introduction

SharePoint Measured Number Column provides an easy way to show the unit of measurement next to a numeric value.

In SharePoint, the number is only an abstract value in a Number column, cannot represent a quantity of some particular type. For instance, the length of a box might be referenced as "9 inches" or the weight of this box might be 1.5 lb.

Measured Number Column lets you associate a unit type such as inches or pounds with a number to add meaning and relevance.

About this User Guide

This user guide is intended to instruct you on how to install/uninstall, configure and use SharePoint Measured Number Column. For the latest copy of this user guide and other guides, please visit:

<http://www.boostsolutions.com/download-documentation.html>

2. Installation

2.1 Product Files

After you download and unzip the Measured Number Column zip file from www.boostsolutions.com, you will find the following files:

Path	Descriptions
Setup.exe	A program that installs and deploys the WSP solution packages to the SharePoint farm.
EULA.rtf	The product End-User-License-Agreement.
Measured Number Column_V1_User Guide.pdf	User guide for Measured Number Column in PDF format.
Library\2.0\Setup.exe	The product installer for .Net Framework 2.0.
Library\2.0\Setup.exe.config	A file that contains the configuration information for the installer.
Library\4.0\Setup.exe	The product installer for .Net Framework 4.0.
Library\4.0\Setup.exe.config	A file that contains the configuration information for the installer.
Library\6.0\Setup.exe	The product installer for .Net Framework 4.6.
Library\6.0\Setup.exe.config	A file that contains the configuration information for the installer.
Solutions\Foundation\BoostSolutions.FoundationSetup14.1.wsp	A SharePoint solution package that contains Foundation files and resources for SharePoint 2010 or SharePoint Foundation 2010.
Solutions\Foundation\BoostSolutions.FoundationSetup15.1.wsp	A SharePoint solution package that contains Foundation files and resources for SharePoint 2013 or SharePoint Foundation 2013.
Solutions\Foundation\BoostSolutions.FoundationSetup16.1.wsp	A SharePoint solution package that contains Foundation files and resources for SharePoint 2016/2019.

Solutions\Foundation\Install.config	A file that contains the configuration information for the installer.
Solutions\ MeasuredNumber\ BoostSolutions.MeasuredNumber_15.wsp	A SharePoint solution package that contains Measured Number Column files and resources for SharePoint 2013 or SharePoint Foundation 2013.
Solutions\ MeasuredNumber\ BoostSolutions.MeasuredNumber_16.wsp	A SharePoint solution package that contains Measured Number Column files and resources for SharePoint 2016/2019.
Solutions\ MeasuredNumber \Install.config	A file that contains the configuration information for the installer.

2.2 Software Requirements

Before you install Measured Number Column, ensure your system meets the following requirements:

SharePoint 2019

Operating System	Windows Server 2016 Standard or Datacenter Windows Server 2019 Standard or Datacenter
Server	Microsoft SharePoint Server 2019
Browser	Microsoft Internet Explorer 11 or greater Microsoft Edge Mozilla Firefox Google Chrome

SharePoint 2016

Operating System	Microsoft Windows Server 2012 Standard or Datacenter X64 Microsoft Windows Server 2016 Standard or Datacenter
Server	Microsoft SharePoint Server 2016 Microsoft .NET Framework 4.6
Browser	Microsoft Internet Explorer 10 or greater Microsoft Edge Mozilla Firefox Google Chrome

SharePoint 2013

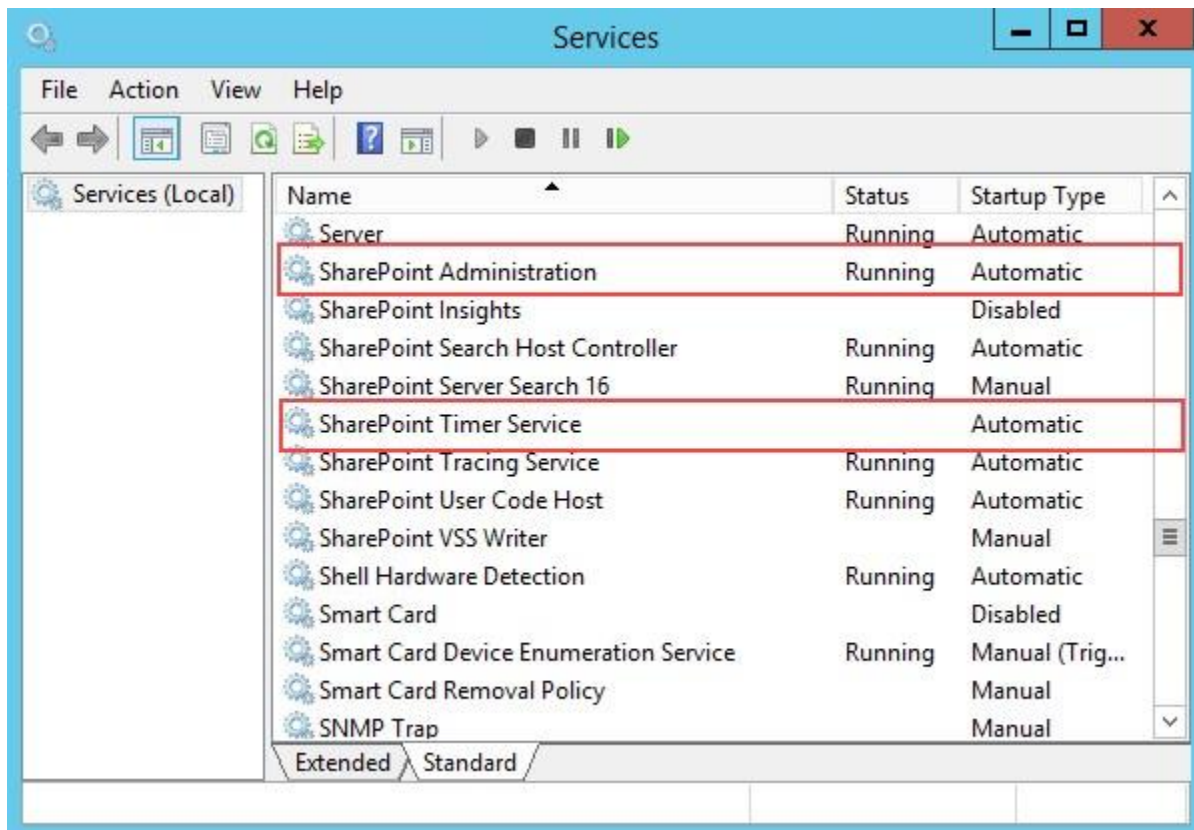
Operating System	Microsoft Windows Server 2012 Standard or Datacenter X64 Microsoft Windows Server 2008 R2 SP1
Server	Microsoft SharePoint Foundation 2013 or Microsoft SharePoint Server 2013 Microsoft .NET Framework 4.5
Browser	Microsoft Internet Explorer 8 or greater Microsoft Edge Mozilla Firefox Google Chrome

2.3 Installation

Follow these steps to install Measured Number Column on your SharePoint servers.

Installation Preconditions

Before you start installing the product, please make sure these services are started on your SharePoint servers: **SharePoint Administration** and **SharePoint Timer Service**.



Measured Number Column must be run on one front-end Web server in the SharePoint farm where **Microsoft SharePoint Foundation Web Application services** are running. Check **Central Administration** → **System Settings** for a list of servers running this service.

Required Permissions

To perform this procedure, you must meet either of the following requirements:

- ✦ Member of the local server's **Administrators** group.
- ✦ Member of the **Farm Administrators** group.

To install Measured Number Column on SharePoint server

- a. Download the zip file (*.zip) of the product of your choice from the BoostSolutions website, then extract the file.
- b. Open the created folder and run the **Setup.exe** file.

Note If you cannot run the setup file, please right click the **Setup.exe** file and choose **Run as administrator**.

- c. A system check is performed to verify if your machine meets all the requirements for installing the product. After the system check is finished, click **Next**.
- d. Review and accept the End-User License Agreement and click **Next**.
- e. In the **Web Application Deployment Targets**, select the web applications you are going to install and click **Next**.

Note If you select **Automatically activate features**, the product features will be activated in the target site collection during the installation process. If you want to manually activate the product feature later, uncheck this box.

- f. Upon completion of the installation, details are displayed showing which web applications the product has been installed to. Click **Close**.

2.4 Upgrade

Download the latest version of our product and run the **Setup.exe** file.

In the **Program Maintenance** window, select **Upgrade** and click **Next**.

2.5 Uninstallation

Double-click the **Setup.exe** file.

In the **Repair or Remove** window, select **Remove** and click **Next**. Then the application will be removed.

2.6 Command Line Installation

The following instructions are for installing the solution files for Measured Number Column in **SharePoint 2016** by using the SharePoint STSADM command line tool.

Required permissions

To use STSADM, you must be a member of the local Administrators group on the server.

Install Measured Number Column on SharePoint Server

- a. Extract the files from the product zip pack to a folder on one SharePoint server.
- b. Open a command prompt and make sure your path is set with the SharePoint bin directory.

- **SharePoint 2016/2019**

C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\16\BIN

- **SharePoint 2013**

C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\15\BIN

- c. Add the solution files to SharePoint in the STSADM command line tool.

```
stsadm -o addsolution -filename BoostSolutions.MeasuredNumber_16.wsp
```

```
stsadm -o addsolution -filename BoostSolutions.FoundationSetup16.1.wsp
```

- d. Deploy the added solution with the following command:

```
stsadm -o deploysolution -name BoostSolutions.MeasuredNumber_16.wsp  
-allowgacdeployment -url [virtual server url] -immediate
```

```
stsadm -o deploysolution -name BoostSolutions.FoundationSetup16.1.wsp -allowgacdeployment -url [virtual server url] -immediate
```

- e. Wait for the deployment to complete. Check the final status of the deployment with this command:

```
stsadm -o displaysolution -name BoostSolutions.MeasuredNumber_16.wsp  
stsadm -o displaysolution -name BoostSolutions.FoundationSetup16.1.wsp
```

The result should contain a <Deployed> parameter for which the value is TRUE.

- f. In the STSADM tool, activate the features.

```
stsadm -o activatefeature -name BoostSolutions.MeasuredNumber -url [site collection url] -force
```

Note:

After install product using command line, you can check whether the product is installed and deployed successfully in Central Administration.

- a. On the Central Administration Home page, click **System Settings**.
- b. In the Farm Management section, click **Manage farm solutions**.
- c. On the Solution Management page, check whether the solution "BoostSolutions.MeasuredNumber_16.wsp" is deployed to the web applications.
- d. On the Solution Properties page, click **Deploy Solution**.
- e. On the Deploy Solution page, in the Deploy When section, select **Now**.
- f. In the Deploy To? section, in the A specific web application list, click either All web applications or select a specific Web application.
- g. Click **OK**.

Remove Measured Number Column from SharePoint Servers

- a. Removal is initiated with the following command:

```
stsadm -o retractsolution -name BoostSolutions.MeasuredNumber_16.wsp -immediate -url [virtual server url]  
stsadm -o retractsolution -name BoostSolutions.MeasuredNumber_16.wsp -immediate -url [virtual server url]
```

- b. Wait for the removal to finish. To check the final status of the removal you can use the following command:

```
stsadm -o displaysolution -name BoostSolutions.MeasuredNumber_16.wsp  
stsadm -o displaysolution -name BoostSolutions.FoundationSetup16.1.wsp
```

The result should contain the <Deployed> parameter for which the value is FALSE and the <LastOperationResult> parameter with the RetractionSucceeded value.

- c. Remove the solution from the SharePoint solutions storage:

```
stsadm -o deletesolution -name BoostSolutions.MeasuredNumber_16.wsp  
stsadm -o deletesolution -name BoostSolutions.FoundationSetup16.1.wsp
```


Note:


After uninstall product using command line, you can check whether the product is removed and successfully in Central Administration.

- a. On the Central Administration Home page, click **System Settings**.
- b. In the Farm Management section, click **Manage farm solutions**.
- c. On the Solution Management page, click "BoostSolutions.MeasuredNumber_16.wsp".
- d. On the Solution Properties page, click **Retract Solution**.
- e. On the Retract Solution page, in the Deploy When section, select **Now**.
- f. In the Retract From section, in the A specific web application list, click All content web applications.
- g. Click **OK**.
- h. Wait a minute, and refresh the browser until you see "Not Deployed" as the status for BoostSolutions.MeasuredNumber_16.wsp.
- i. Select "BoostSolutions.MeasuredNumber_16.wsp".
- j. On the Solution Properties page, click **Remove Solution**.

2.7 Feature Activation

By default, the application's features are automatically activated once the product is installed. You can also activate the product feature manually.

- a. Click **Settings**  and then click **Site Settings**.
- b. Under **Site Collection Administration**, click **Site collection features**.
- c. Find the application feature and click **Activate**. After the feature is activated, the Status column lists the feature as **Active**.

	BoostSolutions Measured Number Column 1.0.61.409	<input type="button" value="Deactivate"/>	<input type="button" value="Active"/>
	Diaplay the number with a specific unit of measurement, such as litre, oz, ft and more. (Powered by BoostSolutions)		

3. How to Use Measured Number Column

Supposed there is a list named Boxes, we will create 3 Measured Number Columns restore the box's length, width and height.

3.1 Create a Measured Number Column in a List

- In the list, click the **Create Column** button.
- On the **Create Column** page, choose **Measured Number Column**, and enter the name (such as Length).
- In **Measurement and unit section**, select "length" in **Measurement** and meter (m) in **Unit**.

Measurement and unit: ⓘ

Measurement: ▼

Unit: ▼

Use full unit name instead of abbreviation

Add space before each unit

You can specify a minimum and maximum allowed value:

Min: m

Max: m

The minimum number of digits before the decimal point:

▼

Number of decimal places:

▼

Use full unit name instead of abbreviation: You can choose to show unit name or abbreviation next the numeric. For example, if you choose the option, it will show as 1.5 meter; otherwise, it will show as 1.5 m.

Add space before unit: Choose this option, it will show as 1.5 meter; if not, it will show 1.5meter without space between number and unit.

Min and Max: If you specify a minimum value and maximum value, the input number must in this range. If you do not set them, there will be no restriction for the input value.

The minimum number of digits before the decimal point: Specify the minimum number of digits that should be displayed before the decimal point. For example, if you set it as 2, it will be shown as 05 meter.

Number of decimal places: Specify how many numbers in the decimal places. For example, if you set it as 3, it will be shown as 5.000 meter.

- d. Keep other settings as default, click OK to save settings.
- e. Repeat above steps to create other Measured Number Columns, named as Width and Height.
- f. Navigate to the list Boxes, create a new item. You will find the specified unit (m) of measurement is already shown as following. Enter the value in Length, Width and Height columns, and save the item.

Boxes

Title *	<input type="text" value="Wooden box"/>
Length	<input type="text" value="1"/> m
Width	<input type="text" value="0.3"/> m
Height	<input type="text" value="0.5"/> m

- g. The unit of measurement will be shown next to the number in the list view as followings.

Boxes

[+ new item](#) or [edit this list](#)

[All Items](#) ...

✓	Title		Length	Width	Height
	Wooden box ✱	...	1 m	0.3 m	0.5 m

3.2 Edit a Measured Number Column in a List

You can change the settings for an existed Measured Number Column. In Measured Number Column, changing the unit of measurement will not affect the value of this column. For example, if you specify the unit as meter at first, and then change it to feet, the 5 meter will change to 5 feet.

- a. Enter the list or library that contains the Measured Number Column you want to edit.
- b. On the Ribbon, click the **List** or **Library** tab and then click **List Settings** or **Library Settings** in the Settings group.
- c. On the List Settings or Library Settings page, under the **Columns** section, click the name of the Measured Number Column that you want to edit.
- d. Change the settings that you want and then click **OK**.

3.3 Delete a Measured Number Column in a List

This procedure deletes the Measured Number Column and any data in this column. You cannot restore the Measured Number Column from the Recycle Bin once it has been deleted.

- a. Enter the list or library that contains the Measured Number Column you want to edit.
- b. On the Ribbon, click the **List** or **Library** tab and then click **List Settings** or **Library Settings** in the Settings group.
- c. On the List Settings or Library Settings page, under the **Columns** section, click the name of the Measured Number Column that you want to delete.
- d. Scroll to the bottom of the Change Column page and then click Delete.
- e. When prompted, click OK.

4. How to Use Calculated Measured Number Column


4.1 Create a Calculated Measured Number Column in a list

Also, in list Boxes. Next, we will create a Calculated Measured Number Column to compute the volume of the box based on the value of Length, Width and Height columns.

- Navigate to this SharePoint list, and click and click the **Create Column** button.
- On the **Create Column** page, choose **Calculated Measured Number Column**, and enter the name (such as Volume).
- In the **Formula** section, create a formula to calculate the volume. In **Measurement and unit section**, select "volume" in **Measurement** and cubic meter (m³) in **Unit**.

Formula:

`[Length] * [Width] * [Height]`



 $x=$ fx $\frac{+}{x}$ $\frac{-}{x}$

Measurement and unit: ⓘ

Measurement: ▼

Unit: ▼

Use full unit name instead of abbreviation

Add space before each unit

The minimum number of digits before the decimal point:

▼

Number of decimal places:

▼

Show as percentage (for example, 50%)

Use full unit name instead of abbreviation: You can choose to show unit name or abbreviation next the numeric. For example, if you choose the option, it will show as 1.5 cubic meter; otherwise, it will show as 1.5 m³.

Add space before unit: Choose this option, it will show as 1.5 m³; if not, it will show 1.5m³ without space between number and unit.

Min and Max: If you specify a minimum value and maximum value, the input number must in this range. If you do not set them, there will be no restriction for the input value.

The minimum number of digits before the decimal point: Specify the minimum number of digits that should be displayed before the decimal point. For example, if you set it as 2, it will be shown as 05 m³.

Number of decimal places: Specify how many numbers in the decimal places. For example, if you set it as 3, it will be shown as 5.000 m³.

d. Keep other settings as default, click OK to save settings.


e. And then you will find the calculated result is already in the list with the unit type as following.

Boxes

 new item or edit this list

All Items ...

Find an item 

✓	Title		Length	Width	Height	Volume
	Wooden box 	...	1 m	0.3 m	0.5 m	0.15 m ³

4.2 Edit a Calculated Measured Number Column in a List

You can change the settings for an existed Calculated Measured Number Column. In Calculated Measured Number Column, changing the unit of measurement will not affect the value of this column. For example, if you specify the unit as m³ firstly, and then change it to liter, the 5 m³ will change to 5 liter.

a. Enter the list or library that contains the Measured Number Column you want to edit.

b. On the Ribbon, click the **List** or **Library** tab and then click **List Settings** or **Library Settings** in the Settings group.

- c. On the List Settings or Library Settings page, under the **Columns** section, click the name of the Calculated Measured Number Column that you want to edit.
- d. Change the settings that you want and then click **OK**.

4.3 Delete a Calculated Measured Number Column in a List

This procedure deletes the Calculated Measured Number Column and any data in this column. You cannot restore the Calculated Measured Number Column from the Recycle Bin once it has been deleted.

- a. Enter the list or library that contains the Measured Number Column you want to edit.
- b. On the Ribbon, click the **List** or **Library** tab and then click **List Settings** or **Library Settings** in the Settings group.
- c. On the List Settings or Library Settings page, under the **Columns** section, click the name of the Calculated Measured Number Column that you want to delete.
- d. Scroll to the bottom of the Change Column page and then click Delete.
- e. When prompted, click OK.

5. How to Create New Unit of Measurement

If the pre-defined measurement units cannot meet the measurement requirements of your company's services and products, you customize your own units of measurement; for example, clicks, people, receipts and seats can all be units of measure.

5.1 Create A New Single Unit

Supposed there is a list named Promotion Email Tracking List, which is used to track the promotion emails, it will record how many recipients will be sent and the clicks on this email.

Because the recipients and clicks are not pre-defined units, we firstly create them.

a. Navigate to Site Settings page, in Site Collection Administration section, find and click **Measured Number settings**.

Site Collection Administration

[Recycle bin](#)

[Search Result Sources](#)

[Search Result Types](#)

[Search Query Rules](#)

[Search Schema](#)

[Search Settings](#)

[Search Configuration Import](#)

[Search Configuration Export](#)

[Site collection features](#)

[Site hierarchy](#)

[Site collection audit settings](#)

[Portal site connection](#)

[Storage Metrics](#)

[Site collection app permissions](#)

[Content type publishing](#)

[HTML Field Security](#)

[SharePoint Designer Settings](#)

[Help settings](#)

[Measured Number settings \(Powered by BoostSolutions\)](#)

[Site collection health checks](#)

[Site collection upgrade](#)

- b. In **Measured Number settings** page, click **New Measurement**.
- c. In the **New Measurement** dialog, specify a name for it, and then click **New unit** link. In the measurement, you can create more than one unit.
- d. Click **New single unit**, and specify a name and abbreviation for it. Click **Set default settings** to expand the other setting part. Here we select "Use unit name instead of abbreviation" option to show the unit's name instead of abbreviation.

Units

Units	Active	Settings
recipients (r)	... <input checked="" type="checkbox"/>	Unit: <input type="text" value="recipients"/> Abbreviation: <input type="text" value="r"/> Description: <input type="text"/> <input checked="" type="checkbox"/> Set default settings <input checked="" type="checkbox"/> Use full unit name instead of abbreviation <input checked="" type="checkbox"/> Add space before each unit You can specify a minimum and maximum allowed value: Min: <input type="text"/> r Max: <input type="text"/> r The minimum number of digits before the decimal point: <input type="text" value="Automatic"/> <input type="button" value="v"/> Number of decimal places: <input type="text" value="Automatic"/> <input type="button" value="v"/> Default value: <input type="text"/> r <input type="checkbox"/> Show as percentage (for example, 50%)
<input checked="" type="button" value="+"/> New unit		

Use full unit name instead of abbreviation: You can choose to show unit name or abbreviation next the numeric.

Add space before unit: specify whether to add space between numeric and unit.

Min and Max: If you specify a minimum value and maximum value, the input number must in this range. If you do not set them, there will be no restriction for the input value.

The minimum number of digits before the decimal point: Specify the minimum number of digits that should be displayed before the decimal point.

Number of decimal places: Specify how many numbers in the decimal places.

e. Click **Save** button to save the settings.

f. Repeat above steps to create another unit, name as "clicks".

Units

Units	Active	Settings
recipients (r)	... <input checked="" type="checkbox"/>	Unit: <input type="text" value="clicks"/>
clicks (c)	... <input checked="" type="checkbox"/>	Abbreviation : <input type="text" value="c"/>
+ New unit		

Description :

Set default settings

Use full unit name instead of abbreviation

Add space before each unit

You can specify a minimum and maximum allowed value:

Min: c

Max: c

The minimum number of digits before the decimal point:

Number of decimal places:

Default value:
 c

Show as percentage (for example, 50%)

g. Navigate to the list, and click and click the **Create Column** button.

h. On the **Create Column** page, choose **Measured Number Column**, and enter the name (such as Send to).

i. In **Measurement and unit section**, select “promotion email” in **Measurement** and recipients (r) in **Unit**.

Measurement and unit: ⓘ

Measurement: ▼

Unit: ▼

Use full unit name instead of abbreviation

Add space before each unit

You can specify a minimum and maximum allowed value:

Min: recipients

Max: recipients

The minimum number of digits before the decimal point:

▼

Number of decimal places:

▼

Default value:

recipients

Show as percentage (for example, 50%)

j. Keep other settings as default, click **OK** to save settings.

k. Repeat above steps to create other Measured Number Columns, name as Clicks.

Measurement and unit: ⓘ

Measurement: ▼

Unit: ▼

Use full unit name instead of abbreviation

Add space before each unit

You can specify a minimum and maximum allowed value:

Min: clicks

Max: clicks

The minimum number of digits before the decimal point:

▼

Number of decimal places:

▼

Default value:

clicks

Show as percentage (for example, 50%)

I. Navigate to the list, create a new item. You will find the specified units is already shown as following.

Promotion Email Tracking List

Promotion Email *

Descriptions

Send to recipients

Clicks clicks

5.2 Create A Mixed Unit

A mixed unit is measurement that have different units. For the height example, the height is given in feet and in, such as 5 ft 3 in, so it is a mixed unit.

Now we will try to create a new mixed unit with two subunits. These steps are also applicable to create a new mixed unit with 3 subunits.

- a. Navigate to Site Settings page, in Site Collection Administration section, find and click **Measured Number settings**.

Site Collection Administration

[Recycle bin](#)

[Search Result Sources](#)

[Search Result Types](#)

[Search Query Rules](#)

[Search Schema](#)

[Search Settings](#)

[Search Configuration Import](#)

[Search Configuration Export](#)

[Site collection features](#)

[Site hierarchy](#)

[Site collection audit settings](#)

[Portal site connection](#)

[Storage Metrics](#)

[Site collection app permissions](#)

[Content type publishing](#)

[HTML Field Security](#)

[SharePoint Designer Settings](#)

[Help settings](#)

[Measured Number settings \(Powered by BoostSolutions\)](#)

[Site collection health checks](#)

[Site collection upgrade](#)

- b. In **Measured Number settings** page, click **New Measurement**.
- c. In the **New Measurement** dialog, specify a name for it, and then click **New unit** link.
- d. And then click **New mixed unit with 2 subunits**.



+ New single unit

Such as 1.2 kg

+ New mixed unit with 2 subunits

Such as 6 ft 3 in, 6-5, 01:36.92

+ New mixed unit with 3 subunits

Such as 2h 1m 39s, 2:01:39.00

- e. In the **Settings** section, firstly specify a name and abbreviation for Subunit 1; and then specify a name and abbreviation for subunit 2.

In this example, we create a mixed unit with kilogram and gram measures.

Because 1 kilogram = 1000 grams, in **Subunit 1 to subunit 2** section, enter 1000.

Settings

Subunit 1:	<input type="text" value="kilogram"/>
Abbreviation :	<input type="text" value="kg"/>
Subunit 2 :	<input type="text" value="gram"/>
Abbreviation :	<input type="text" value="g"/>
Subunit 1 to subunit 2 :	<input type="text" value="1000"/>
Description :	<input type="text"/>

- f. Click **Set default settings** to expand the other setting part.

- Set default settings
- Use full unit name instead of abbreviation
 - Add space before each unit
 - Add space between subunits

You can specify a minimum and maximum allowed value:

Min: kilogram gram

Max: kilogram gram

Display the subunit even if its value is 0:

- kilogram gram

The minimum number of digits before the decimal point:

Number of decimal places:

Default value:

kilogram gram

- Show as percentage (for example, 50%)

Use unit name instead of abbreviation: You can choose to show unit name or abbreviation next the numeric. For example, if you choose the option, it will show as 15 kilogram; otherwise, it will show as 15 kg.

Add space before unit: Choose this option, it will show as 10 kilogram; if not, it will show 10kilogram without space between number and unit.

Add space before subunits: Choose this option, it will show as 15 gram; if not, it will show 15gram without space between number and unit.

Min and Max: If you specify a minimum value and maximum value, the input number must in this range. If you do not set them, there will be no restriction for the input value.

Display the subunit even if its value is 0: Decide if the subunit is shown when the value is 0 or empty. Choose this option, it will show 0 kilogram 15 gram; otherwise, it will show 15 gram.

The minimum number of digits before the decimal point: Specify the minimum number of digits that should be displayed before the decimal point. For example, if you set it as 2, it will be shown as 05 kilogram.

Number of decimal places: Specify how many numbers in the decimal places. For example, if you set it as 3, it will be shown as 5.000 kilogram.

g. Click **Save** to create the new mix unit. Then you will find a new mixed unit is created as following.

Site Settings › Number Unit settings

View the built-in measurements and define your own measurement.



New Measurement

Group

Name

Units

User Defined

promotion email	recipients (r)	clicks (c)
box weight	...kilogram...gram (...k...g)	

h. Then go to the list, click the **Create Column** button.

i. On the **Create Column** page, choose **Measured Number Column**, and enter the name (such as Weight).

j. In **Measurement and unit section**, select the mixed unit we just created.

Measurement and unit: ⓘ

Measurement: ▼

Unit: ▼

Use full unit name instead of abbreviation

Add space before each unit

Add space between subunits

You can specify a minimum and maximum allowed value:

Min: kilogram gram

Max: kilogram gram

Display the subunit even if its value is 0:

kilogram gram

The minimum number of digits before the decimal point:

▼ ▼

Number of decimal places:

▼ ▼

Default value:

kilogram gram

Show as percentage (for example, 50%)

k. Keep other settings as default, click **OK** to save settings.

l. Navigate to the list and edit an item. You will find the column with mixed unit is already shown as following. Enter the value and save the item.

Boxes

Title *

Length m

Width m

Height m

Weight kilogram gram

Created at 3/19/2021 2:45 PM by System Account
 Last modified at 3/19/2021 2:45 PM by System Account

m. The weight will be shown in the list view as followings.

Boxes

[+ new item](#) or [edit this list](#)

[All Items](#) ...



✓	Title		Length	Width	Height	Volume	Weight
	Wooden box	...	1 m	0.3 m	0.5 m	0.15 m ³	3 kilogram 150 gram

5.3 Edit a Unit

You can change the settings for a Unit. Please note that all changes will affect the Measured Number Column which associates with this unit.

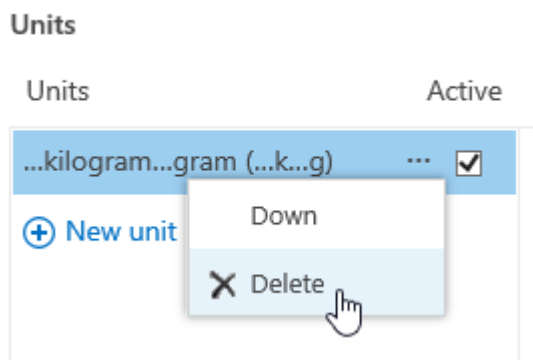
- Enter **Site Settings** > **Measured Number settings** page.
- Select the unit which you want to edit.
- Change the settings that you want and then click **OK**.

5.4 Delete a Unit

This procedure deletes the unit and any Measured Number Column depends on this unit will be affected. Supposed it shows 1.5 kilogram in Measured Number Column, after the unit is deleted, it will show 1.5.

You cannot restore the unit from the Recycle Bin once it has been deleted.

- a. Enter **Site Settings** > **Measured Number settings** page.
- b. Select the unit which you want to delete, and then click **Delete**.



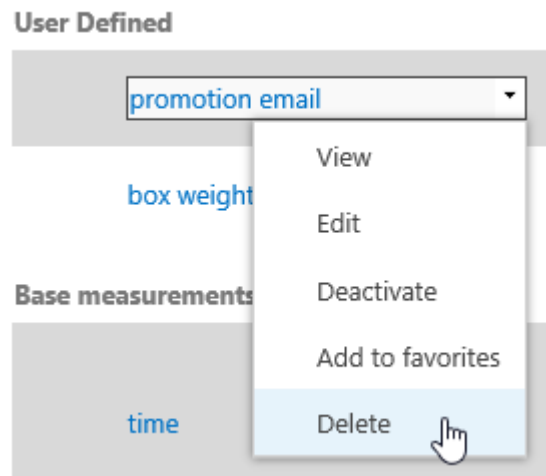
- c. When prompted, click **OK**. And then click **Save** button.

5.5 Delete a Measurement

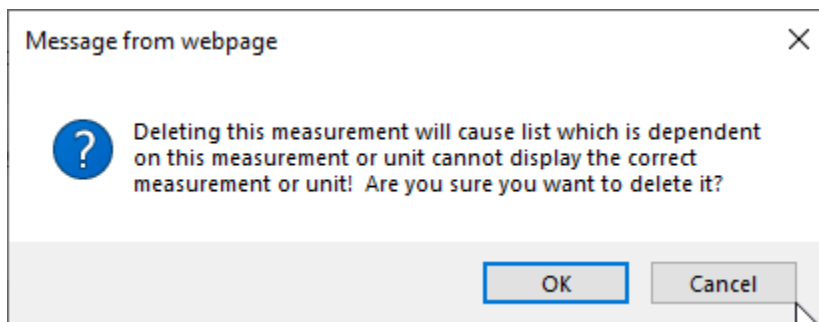
This procedure deletes a measurement and contained units, and any Measured Number Column depends on this unit will be affected. Supposed it shows 1.5 kilogram in Measured Number Column, after the unit is deleted, it will show 1.5.

You cannot restore the measurement and contained units from the Recycle Bin once it has been deleted.

- a. Enter **Site Settings** > **Measured Number settings** page.
- b. Select the measurement which you want to delete, and then click **Delete**.



c. When prompted, click **OK**.

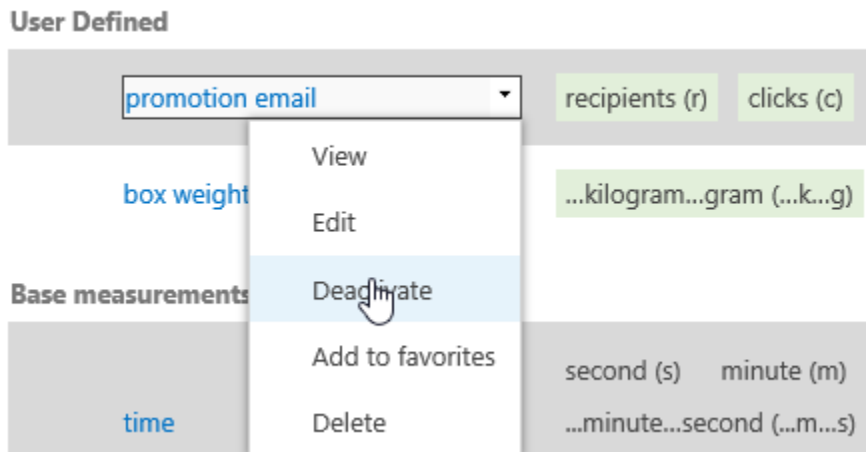


5.6 Activate/Deactivate a Measurement

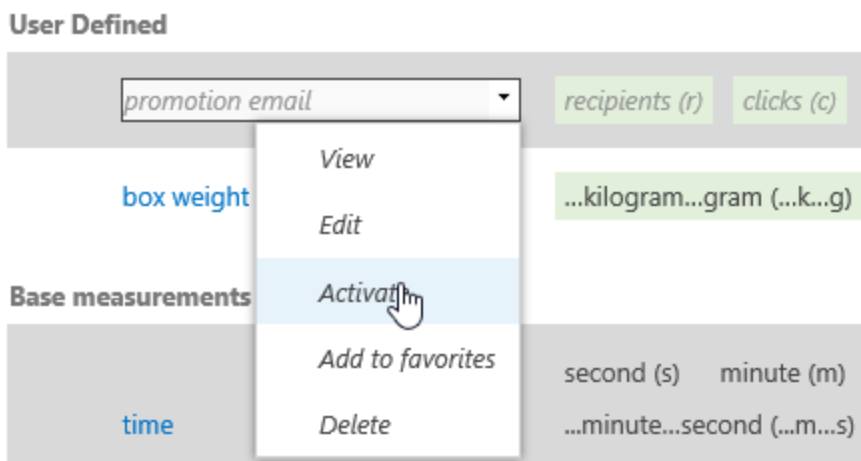
After deactivate a measurement, you cannot find it in measurement drop-down menu when creating a Measured Number Column. Please note that, if you deactivate a measurement, all contained units will be deactivated too by default, but you can activate the individual unit you want.

a. Enter **Site Settings** > **Measured Number settings** page.

b. Select the measurement which you want to deactivate, and then click **Deactivate** from the drop-down menu.



c. To activate the measurement, please select the measurement which you want to activate, and then click **Activate** from the drop-down menu.



5.7 Activate/Deactivate a Unit

If you do not use some units temporarily, but do not want to delete them yet, you can deactivate them. Setting the unit deactivated will not affect the Measured Number Column which associated with this unit, but you cannot find the deactivated units in unit section when creating a Measured Number Column.

- Enter **Site Settings > Measured Number settings** page.
- Select the unit which you want to deactivate, and then unselect the Active checkbox as following.

Units

Units	Active	Settings
...kilogram...gram (...k...g) (+) New unit	... <input type="checkbox"/>	Subunit 1: <input type="text" value="kilogram"/> Abbreviation : <input type="text" value="k"/> Subunit 2 : <input type="text" value="gram"/> Abbreviation : <input type="text" value="g"/>

c. And then click the **Save** button.

d. To activate the unit, please select the measurement which you want to activate, and then select Active checkbox as following.

Units

Units	Active	Settings
...kilogram...gram (...k...g) (+) New unit	... <input checked="" type="checkbox"/>	Subunit 1: <input type="text" value="kilogram"/> Abbreviation : <input type="text" value="k"/> Subunit 2 : <input type="text" value="gram"/> Abbreviation : <input type="text" value="g"/>

e. And then click the **Save** button.

5.8 Add a Measurement to Favorites

Adding a measurement to favorites may help you find the target units easily and quickly.

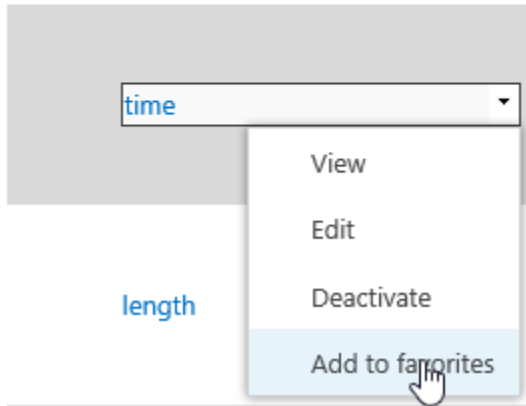
a. Enter **Site Settings > Measured Number settings** page.

b. Select the Measurement which you want to add to favorites, then click **Add to favorites** from the drop-down menu.

User Defined



Base measurements



c. And then you will find the measurement will be listed in **Favorites** group as following.

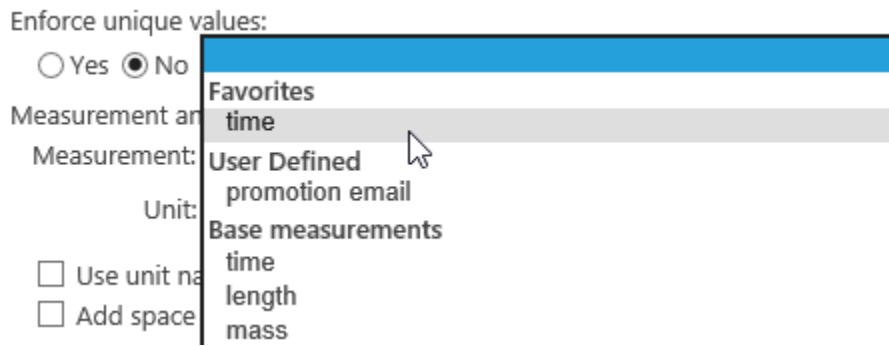
Favorites



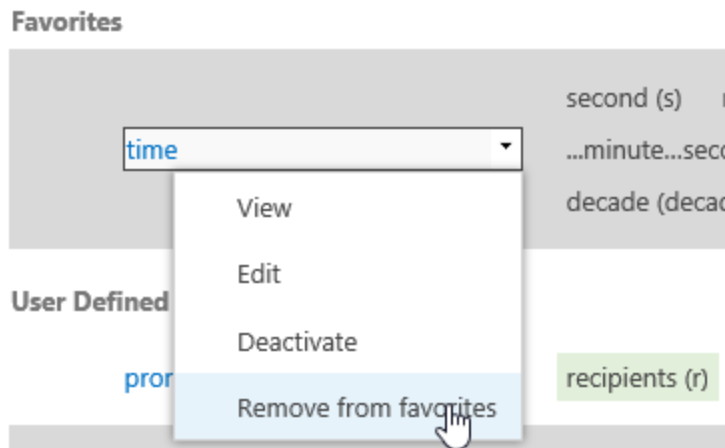
User Defined



d. When you create a Measured Number Column, the time measurement is listed on the top of dropdown list as this.



e. To remove the measurement from the favorites, click **Remove from favorites** from the dropdown menu.



6. Troubleshooting & Support

Product & Licensing Inquires: sales@boostsolutions.com

Technical Support (Basic): support@boostsolutions.com

Request a New Product or Feature: feature_request@boostsolutions.com

Live chat:

<http://www.boostsolutions.com/support/chat/livezilla.php?intgroup=U3VwcG9ydA==&reset=true>

Appendix: License Management

You can use Measured Number Column without entering any license code for a period of 30 days from when you first use it.

To use the product after expiration, you will need to purchase a license and register the product.

Finding License Information

- a. In the products main page, click the trial link and enter the **License Management Center**.
- b. Click Download License Information, choose a license type and download the information (Server Code, Farm ID or Site Collection ID).

Download License Information

Download the license type information and send to sales@boostsolutions.com to get license.

Choose a license type

Server License
Server Code: 8fa4fcbbbeab9475d8b8f10d2c7b27e1e982261612
75d49c683442a828de45bdd

Farm License
Farm ID: {8fa4fcbb-eab9-475d-8b8f-10d2c7b27e1e}
Number of Users: 43 user(s)

Site Collection License
Site Collection ID: Select a site collection
Site Collection:

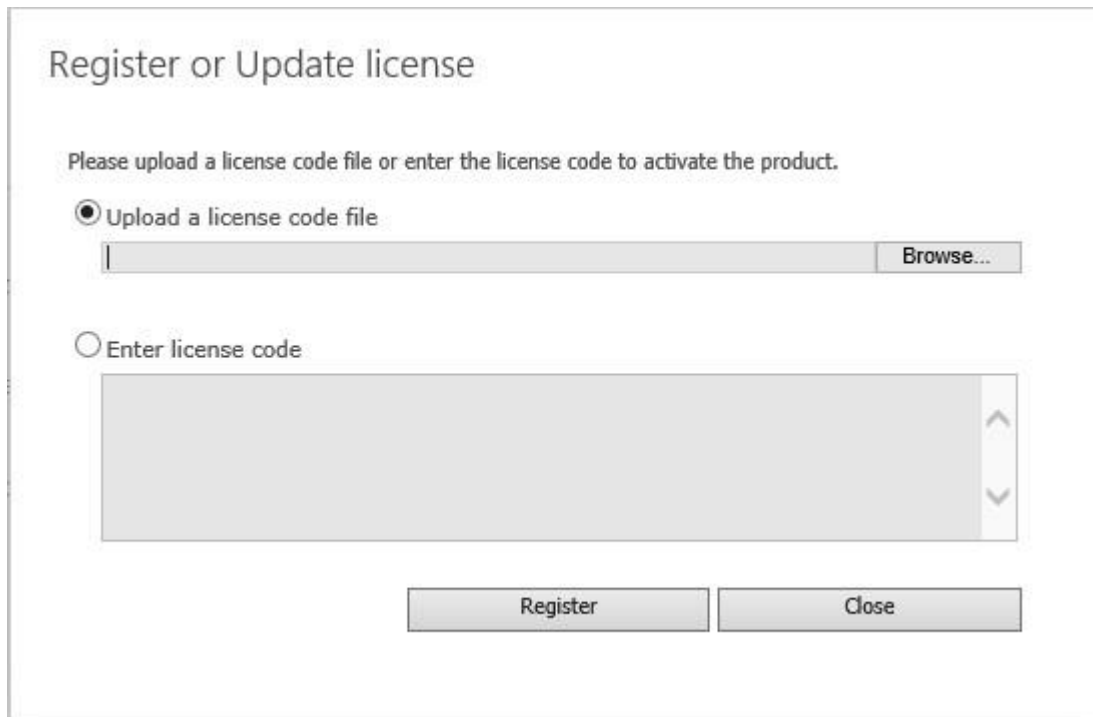
Download Close

In order for BoostSolutions to create a license for you, you need to send us your SharePoint environment identifier (Note: different license types need different information). A server license needs a server code; a Farm license needs a farm ID; and a site collection license needs a site collection ID.

- c. Send the above information to us (sales@boostsolutions.com) to generate a license code.

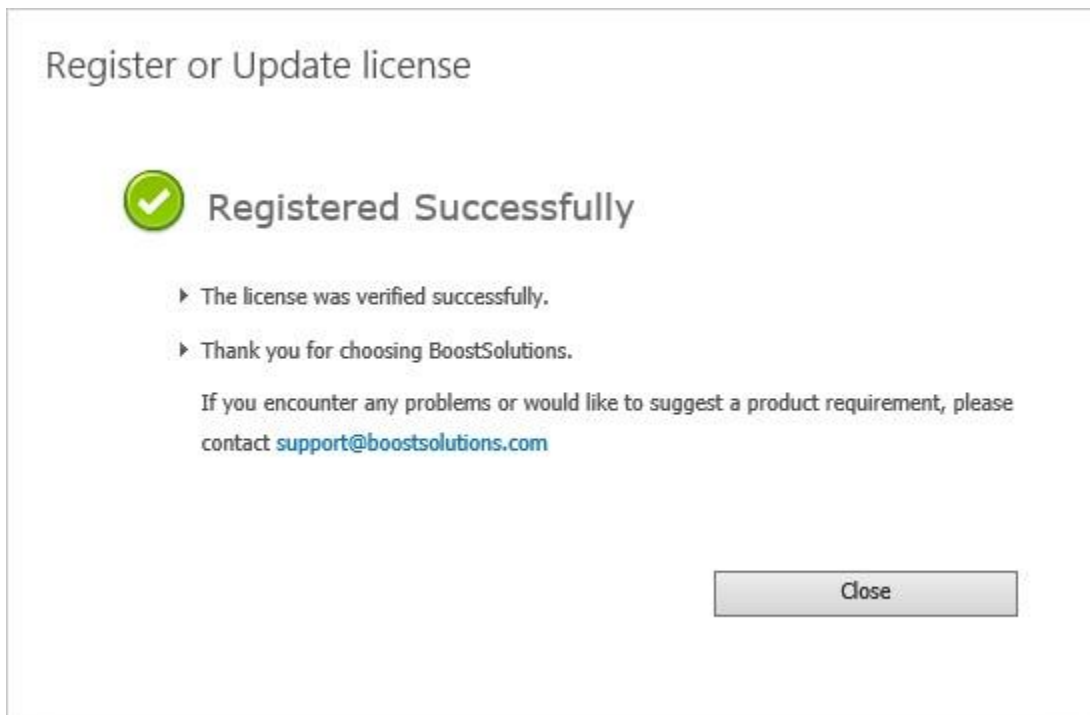
License Registration

- a. When you receive a product license code, enter the **License Management Center** page.
- b. Click **Register** on the license page and a **Register or Update license** window will open.



The screenshot shows a dialog box titled "Register or Update license". Below the title is the instruction: "Please upload a license code file or enter the license code to activate the product." There are two radio button options: "Upload a license code file" (which is selected) and "Enter license code". The "Upload a license code file" option has a text input field followed by a "Browse..." button. The "Enter license code" option has a large text area with a vertical scrollbar. At the bottom of the dialog are two buttons: "Register" and "Close".

- c. Upload the license file or enter the license code and click **Register**. You will get confirmation that your license has been validated.



The screenshot shows a dialog box titled "Register or Update license" with a green checkmark icon. The main heading is "Registered Successfully". Below this are two bullet points: "▶ The license was verified successfully." and "▶ Thank you for choosing BoostSolutions." A paragraph follows: "If you encounter any problems or would like to suggest a product requirement, please contact support@boostsolutions.com". At the bottom right is a "Close" button.

For more details on license management, see [BoostSolutions Foundation](#).