

# VISUAL message center

## Scheduler

### Installation Guide

8.0

VMC-Mxx

**tango04**  
Computing Group

Solutions for Advancing People

## VISUAL Message Center Scheduler Installation Guide

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## How to Use this Guide

This chapter explains how to use Tango/04 User Guides and understand the typographical conventions used in all Tango/04 documentation.

### Typographical Conventions

The following conventional terms, text formats, and symbols are used throughout Tango/04 printed documentation:

Convention	Description
<b>Boldface</b>	Commands, on-screen buttons and menu options.
<i>Blue Italic</i>	References and links to other sections in the manual or further documentation containing relevant information.
<i>Italic</i>	Text displayed on screen, or variables where the user must substitute their own details.
Monospace	Input commands such as System i commands or code, or text that users must type in.
UPPERCASE	Keyboard keys, such as CTRL for the Control key and F5 for the function key that is labeled F5.
	<b>Notes</b> and useful additional information.
	<b>Tips</b> and hints that will improve the users experience of working with this product.
	<b>Important</b> additional information that the user is strongly advised to note.
	<b>Warning</b> information. Failure to take note of this information could potentially lead to serious problems.

## Chapter 1

# Before You Begin

The Scheduler is a Web service that supports your macros and *tasks* (a task is a macro with a *trigger*) run in VISUAL Message Center Reports/VISUAL Message Center Dashboards. For a macro to be executed, the Scheduler calls a Web page containing the necessary security parameters. Then, Dashboards/Reports sends an e-mail, exporting files, in PDF for example, of dashboards/reports to desired recipients.

Once it is installed, the Scheduler is meant to work behind the scenes, supporting the jobs you create for it in these programs. It responds automatically to the *triggers* you define for it in each program.

After installation, you have to define the Scheduler's settings in Reports and/or Dashboards; the Scheduler does not have its own interface, per se.

## Chapter 2

# Installation Steps

The Scheduler is often installed as a sub-module of VISUAL Message Center Reports/VISUAL Message Center Dashboards, as they both use it. However, it's also possible to install by itself.

## 2.1 Scheduler Installation

**From DVD:** If you are installing from the DVD, Select VISUAL Message Center Scheduler and follow the prompts to complete the installation. If, for whatever reason, you must install using the Windows Explorer view, please contact your Tango/04 Business Partner for further assistance.

**From ZIP:** If you are installing from a downloaded zip file, double-click on the zip file icon, and follow the prompts. This will decompress the files into a temporary directory and start the install process.

### To install the Scheduler:

**Step 1.** The Scheduler installation wizard opens

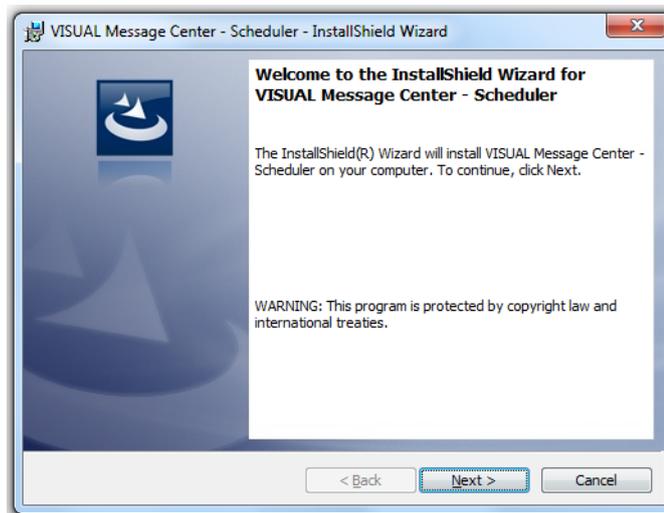


Figure 1 – Installation wizard for the Scheduler

Click **Next** to continue.

**Step 2.** The License Agreement window appears.

Read the License Agreement information and select the **I accept the terms in the license agreement** option button, and click **Next**.

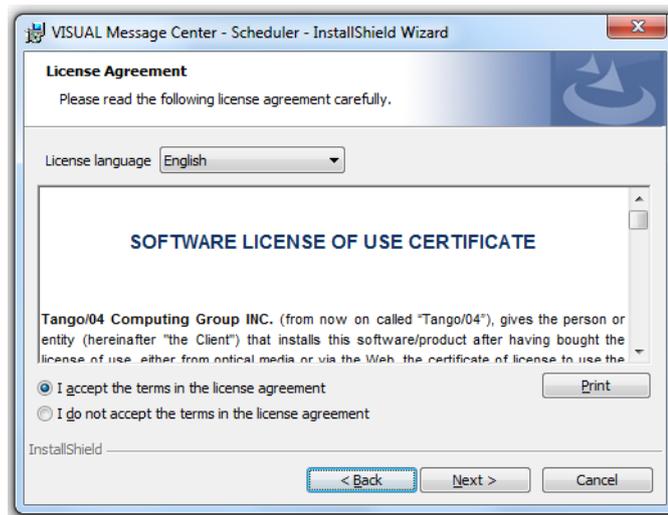


Figure 2 – The Software License agreement

**Step 3.** The Destination Folder window appears.

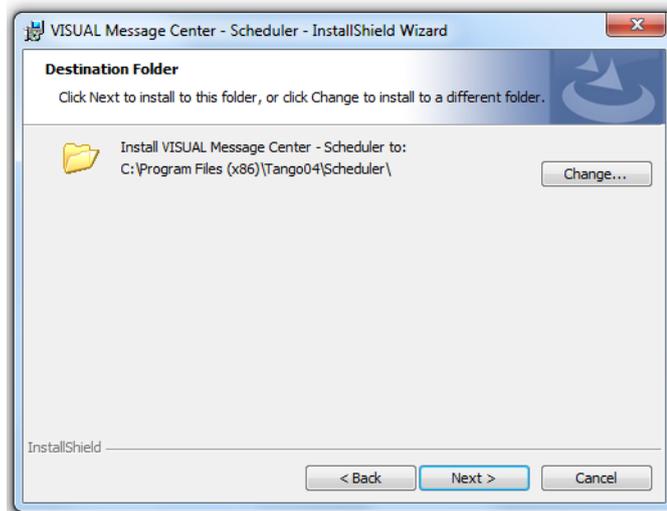


Figure 3 – Installing the Scheduler's root directory folder

To change the destination folder (if needed), click **Change** and provide a new destination. Click **Next** to continue.

**Step 4.** Now you are ready to install the Scheduler. Click **Next** to continue.

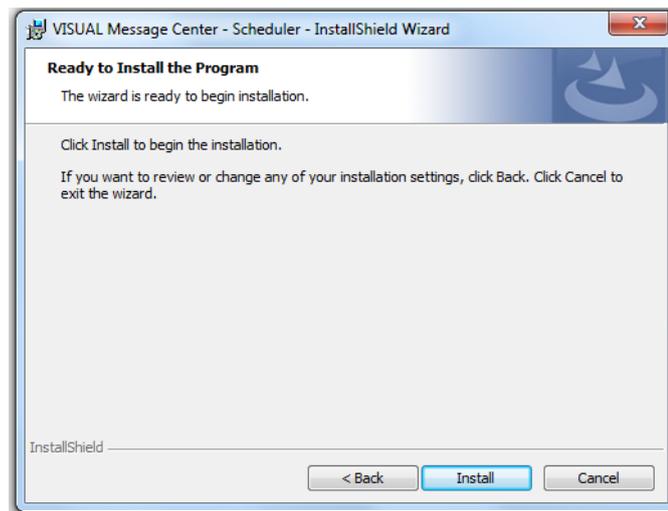


Figure 4 – Ready to install

**Step 5.** The Installation Wizard has worked.

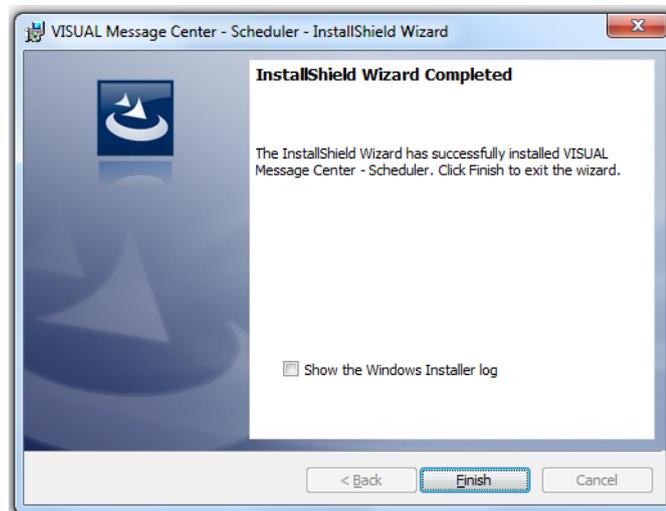


Figure 5 – The Scheduler has been installed successfully

Click **Finish** to exit the installation.

That is the end of the installation process. Now you can define the Scheduler in Reports and/or Dashboards (see [Chapter 3 - Configuration](#) on [page 5](#) for more information).

## Chapter 3

# Configuration

The Scheduler is preconfigured. You just need to enter some of the Scheduler's basic settings—host and port number—in Dashboards and Reports.

It's possible to change the Scheduler's configuration, but you would need to re-enter its settings in Reports and Dashboards if you do.

## 3.1 Scheduler Configuration

You can change the Scheduler's configuration even though it does not have a GUI. The Scheduler's config file can be modified.

### 3.1.1 Changing the Default Port

Reports and Goals call on the Scheduler Web service listening on port 18082 by default. You can change this if necessary.

#### To change the port:

**Step 1.** Go to the Scheduler installation directory, `C:\Program Files\Tango04\Scheduler`, and open the file `Tango04.Scheduler.exe.config`.

**Step 2.** Edit the following tag, changing the number of the port to the desired number:

```
<add key="quartz.scheduler.exporter.port" value="18082" />
```

**Step 3.** Restart the Windows service named `VISUAL Message Center - Scheduler` in order to apply your changes.



#### Important

If you change the default port, remember to reconfigure the port number in Dashboards and/or Reports as well. For instructions see [section 3.2 - Client Configuration](#).

## 3.2 Client Configuration

Upon installation you must define some Scheduler service settings in Reports and Dashboards in order for your macros to work.

## 3.2.1 Reports

In Reports, click the **Settings** tab and select **Configure ReportServer General Settings**. There is one panel in which you must enter Scheduler settings:

### Scheduler Client Settings

In this panel, there are two fields to complete.

SCHEDULER CLIENT SETTINGS	
Host	sadams
Port	18082

Figure 6 – Scheduler settings in Reports

Enter the following:

- **Host:** name of the server running the Scheduler service.
- **Port:** Port on the server where the Scheduler is installed for processing internal requests from Reports. The Scheduler listens on port 18082 by default.

## 3.2.2 Dashboards

In Dashboards (V2.5), click the **Management** tab and select **Scheduler Configuration**. There is one panel in which you must enter Scheduler settings:

### Scheduler Configuration

In this panel, there are two fields to complete.

SCHEDULER CONFIGURATION	
Host	127.0.0.1
Port	18082

▲ Test

Figure 7 – Scheduler settings in Dashboards

Enter the following:

- **Host:** name of the server running the Scheduler service.
- **Port:** Port on the server where Scheduler is installed for processing internal requests from Dashboards.

To test the connection, click the **Test** button. A message will appear, informing you of a successful connection (or not).

With the Scheduler installed, you are now able to use macros and tasks in both Dashboards 2.5 and Reports 1.0, each using the same Scheduler service.

Remember that you must define the Scheduler before any macro can be scheduled as a task. Refer to [Chapter 3 - Configuration](#) on [page 5](#) for information.

## 4.1 The Scheduler in Action: a Preview

Firstly, there is a Scheduler help tab at your disposition in both Dashboards and Reports.

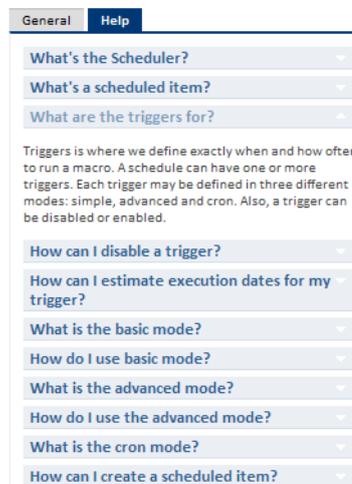


Figure 8 – Scheduler help is available on the scheduled items menu bar

### Reports

To access the list of scheduled items in Reports, click the **Tasks** tab and select **Schedule Tasks**.

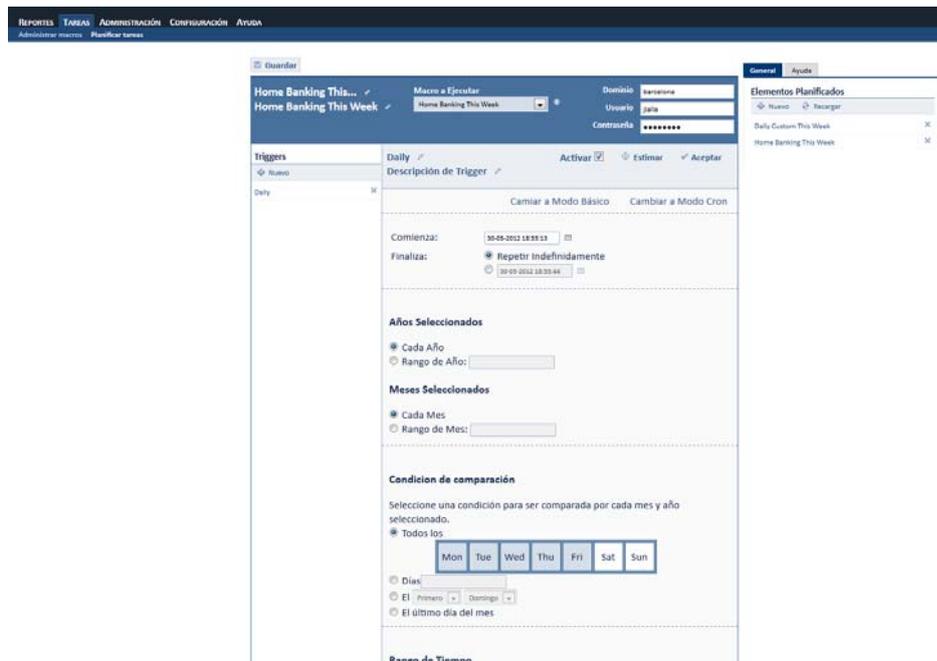


Figure 9 – There are two current tasks listed for the Scheduler. Notice the Help tab above them

As you can see in the image above, tasks require a trigger, which can be fine-tuned to any possible times.

For more information on creating macros and making them become scheduled tasks, please see chapter 7 of the [Reports User Guide](#).

## Dashboards

To access the list of scheduled items in Dashboards, click the **Macros** tab and select **Schedule Tasks**.

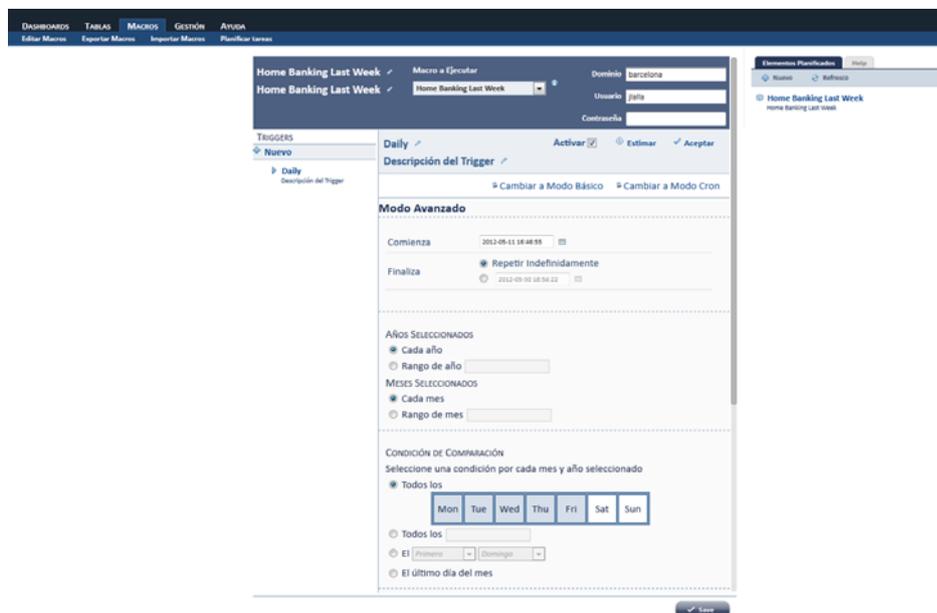


Figure 10 – Working with a task's trigger. Notice that it is currently activated

You can create more than one trigger for your task. Triggers are enabled by default.

For more information on creating macros and make them become scheduled tasks, please see chapter 17 of the [Dashboards User Guide](#).

## Appendix A

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## About Tango/04 Computing Group

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Founded in 1991 in Barcelona, Spain, Tango/04 is an IBM Business Partner and a key member of IBM's Autonomic Computing initiative. Tango/04 has more than a thousand customers who are served by over 35 authorized Business Partners around the world.

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