



## TSM Studio Alerting Installation

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## Disclaimer

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## What is TSM Studio Alerting?

TSM Studio Alerting provides an easy way to run a set of pre-packaged reports to view the status on the most important aspects of your TSM Server. TSM Studio Alerting includes.

- **Real-Time Activity Log Alerting**
- **Threshold based polling Alerting**
- **Colour Enhanced Alert Console**
- **Alert Notification via Email, SNMP, Scripts and to the Windows Application Event Log**
- **Alerts for**
  - **Client Schedules**
  - **Database and Log**
  - **Client Node Tasks**
  - **Administration Tasks**
  - **Management Class Definitions**
  - **Libraries and Drives**
  - **Scratch Tapes**
  - **Volumes**
  - **Storage Pools**

TSM Studio Alerting tightly integrates with Windows security to provide a robust and secure environment for managing the TSM Servers in your environment.

## System Requirements

**TSM Studio Alerting** is designed and has been tested on Windows 2008 and Windows 2012 (R2 versions also supported) 64 bit versions only. The amount of memory required will depend on the functionality used, the report generation feature will require a lot of memory for the generation of images and pdf's. We recommend a minimum of 8GB. 2x Processors\Cores are also recommended.

- Windows 2008\2012 ( 64 bit only)
- 8GB Memory
- Dual Core
- Virtual Environments Supported
- Dotnet Framework Version 4.5.1 (Included in the installation package)
- TSM Administration Client 6.3 and above ( This is included in the TSM Client Install Package see instruction below on how to install )
- **NOTE: The TSM Admin client is not installed by default when installing the TSM Client Package, see the section on installing the TSM Client to ensure the admin client is installed**

**TSM Studio Alerting Client** is designed and has been tested on Windows 7, Windows 8, Windows 2008 and Windows 2012 (R2 versions also supported).

- Windows 7,8,2008,2012
- 2GB Memory
- Virtual Environments Supported
- Dotnet Framework Version 4.5 (Including in TSM Studio Server installation package)

## Database Requirements

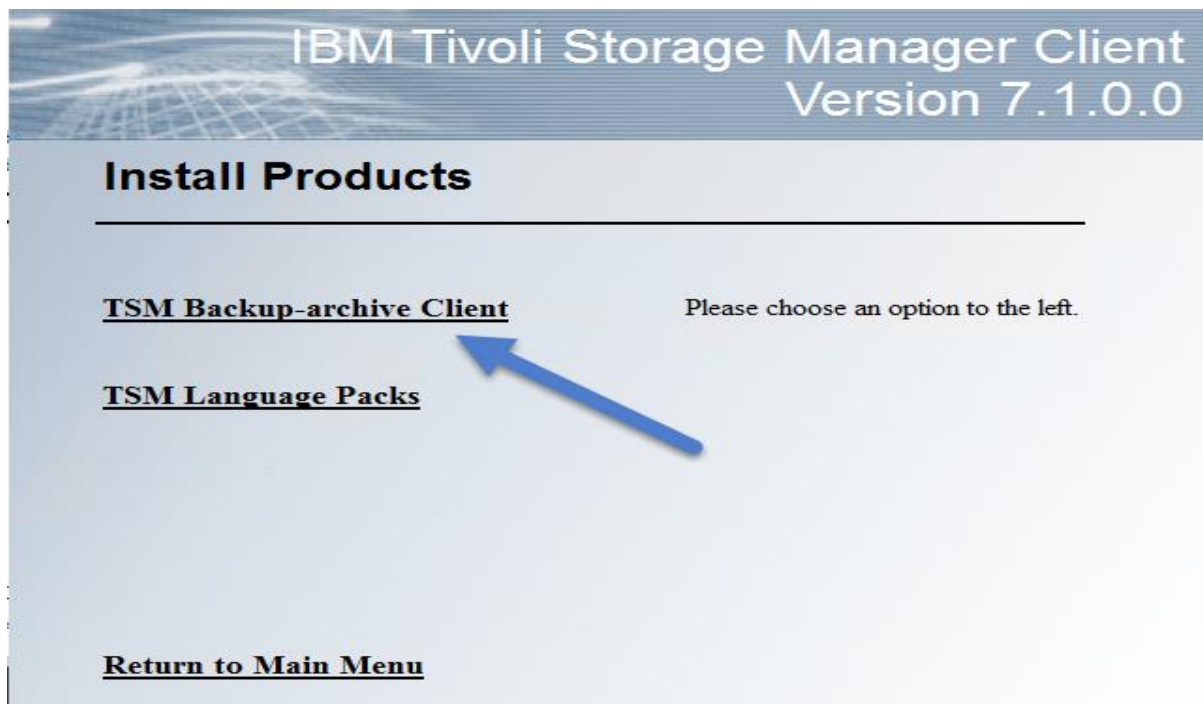
TSM Studio Alerting uses Microsoft SQL Express which is included in the installation package. The installation will also configure the database connection so no further steps are required.

## Installing TSM Admin Client

Start the TSM Client install setup program and Choose Install Products



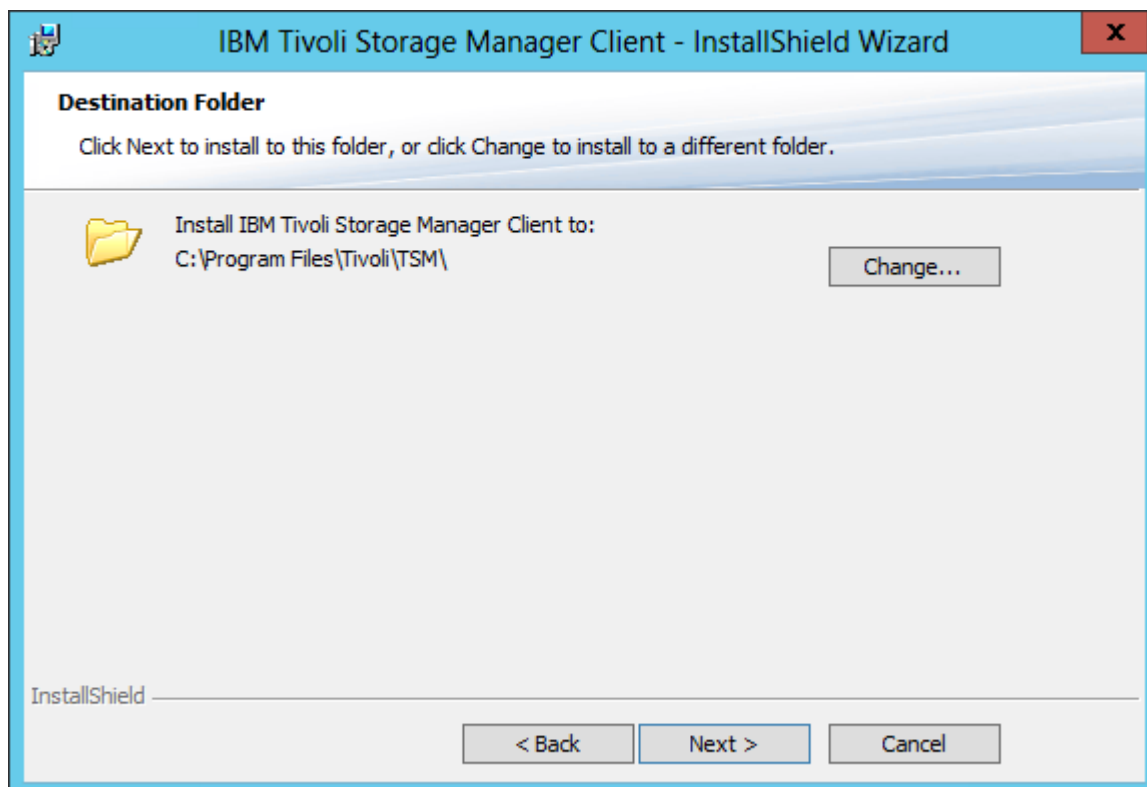
Choose TSM Backup-archive Client



Click Next

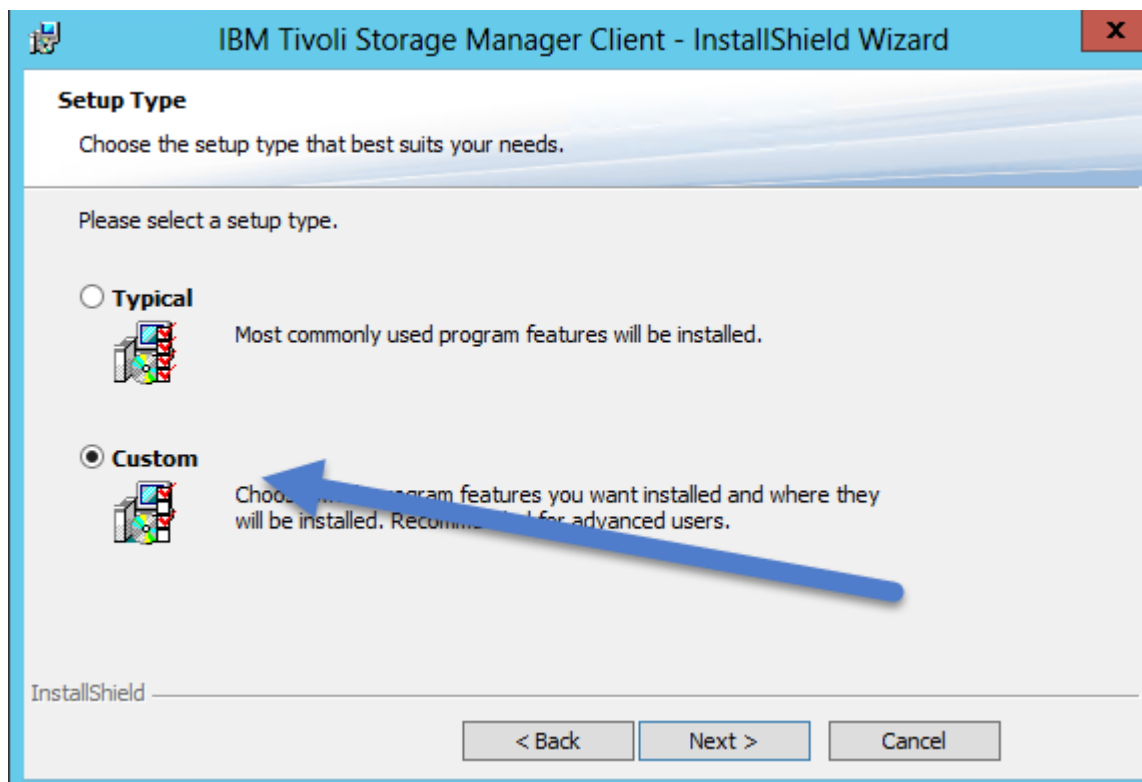


Choose install directory and Press Next



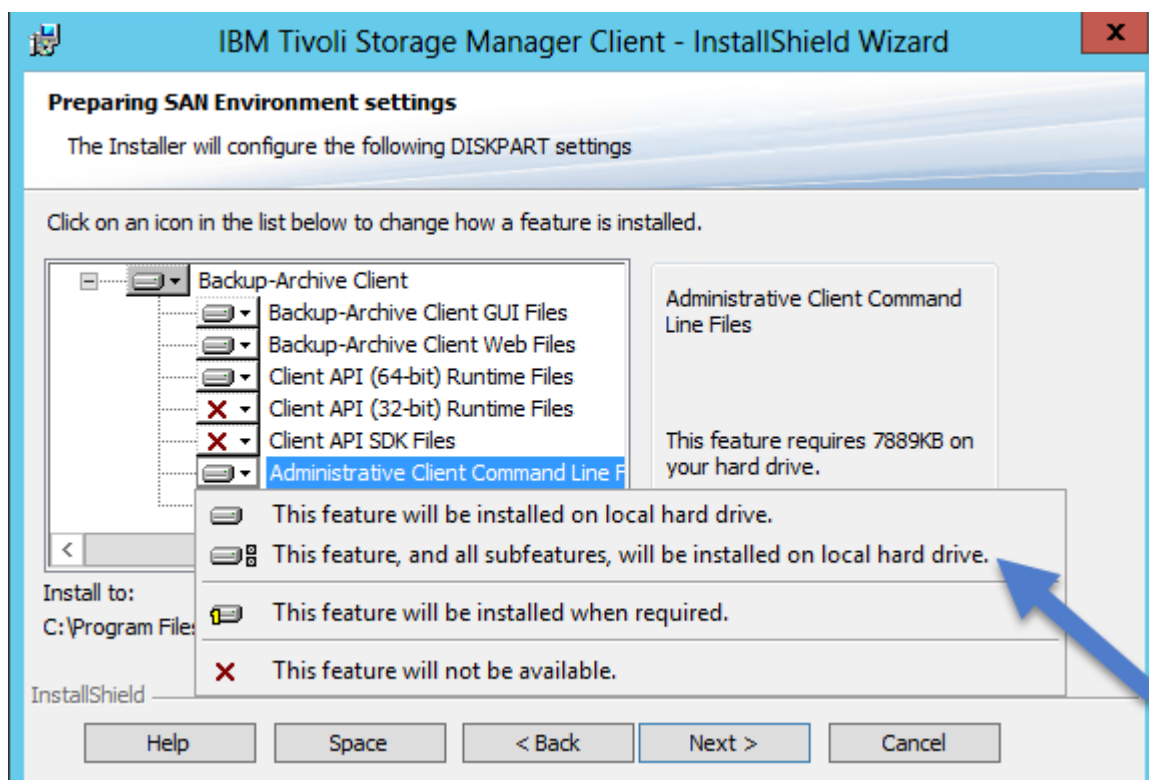


## IMPORTANT CHOOSE CUSTOM AND PRESS NEXT

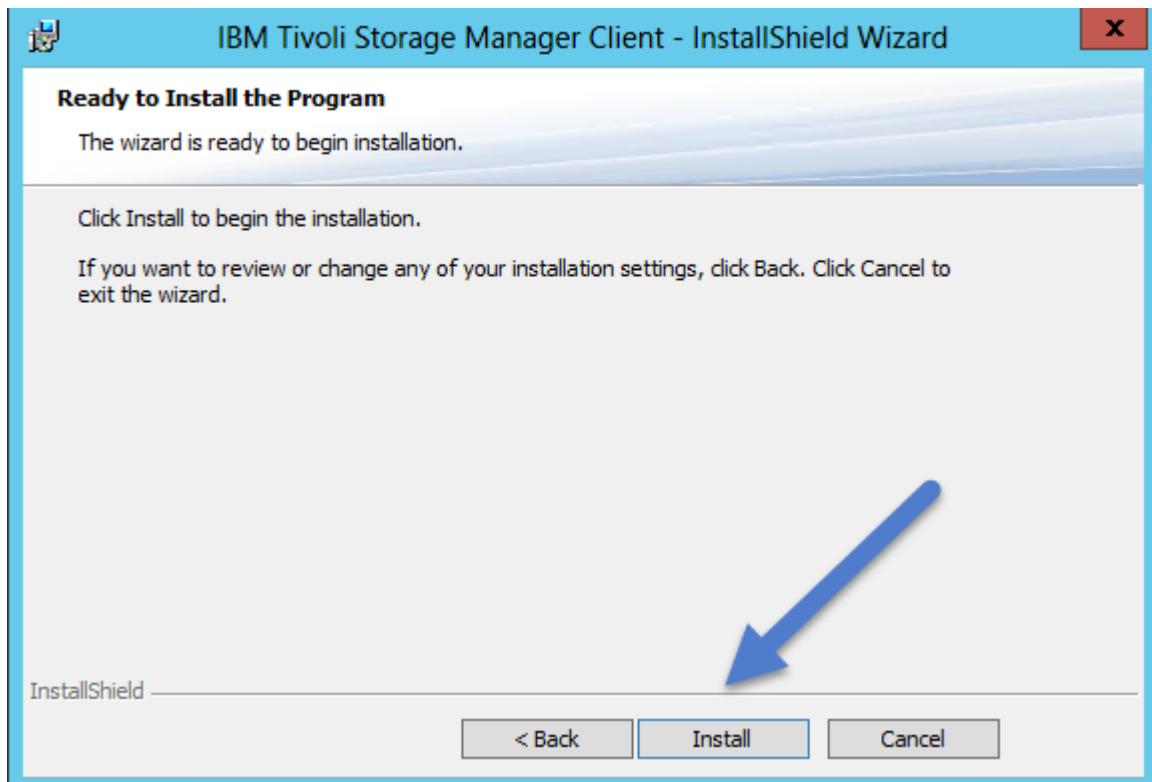


Click on **Administrative Client Command Line Files** and Choose *This Feature*, and all subfeatures will be installed on the local hard drive.

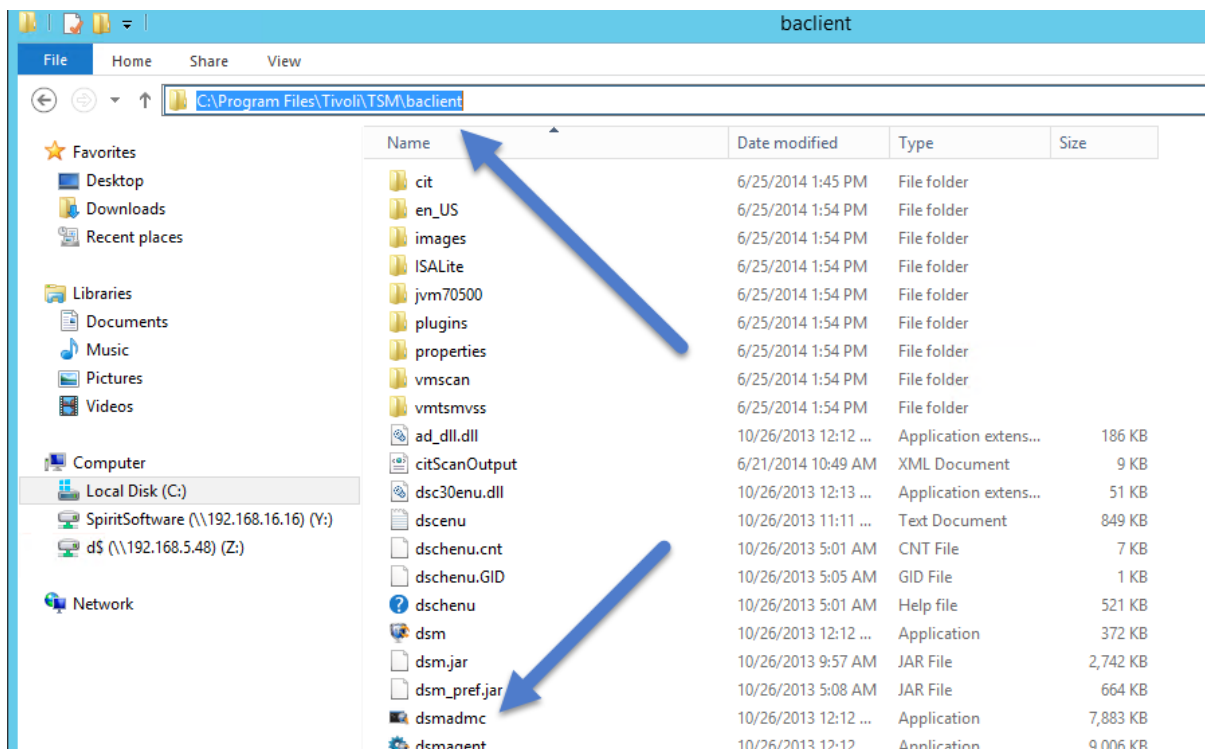
Press Next



Press Install



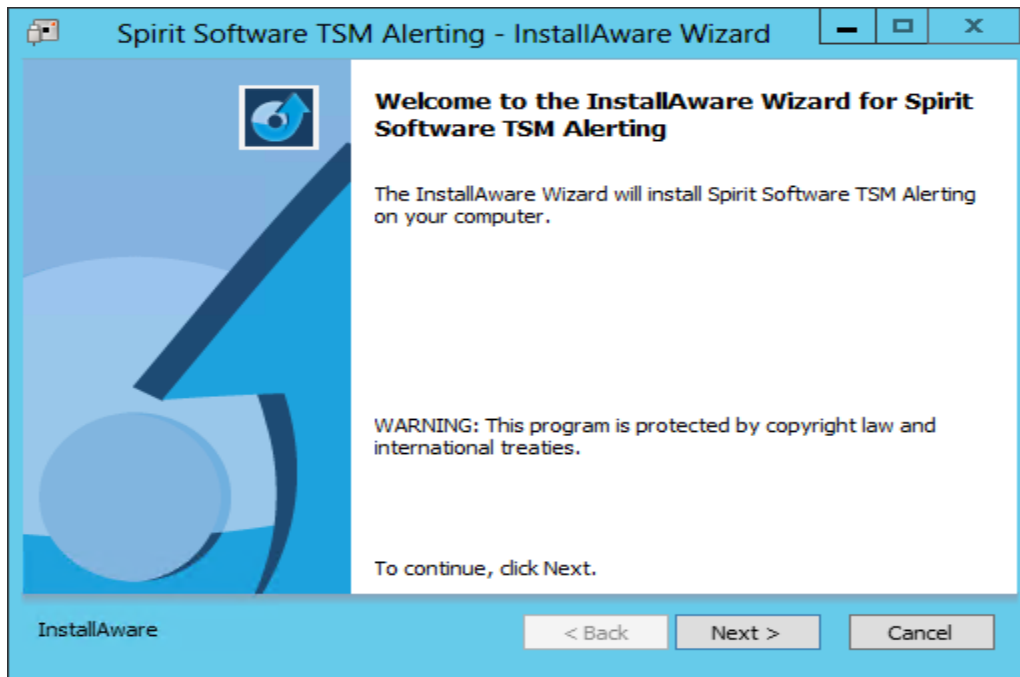
Verify. Check that the executable dsmadmc.exe has been installed it can be found in the installation directory (by default C:\Program Files) in Tivoli\TSM\baclient



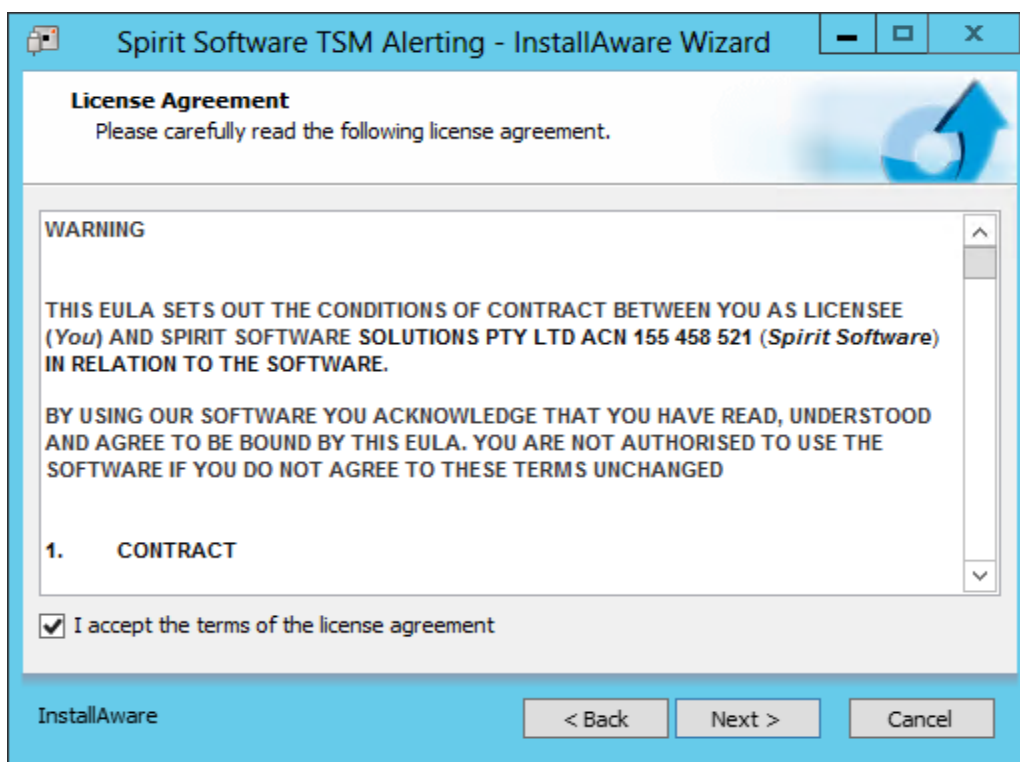
## Installing TSM Studio Alerting

1. Download the installation package from <http://www.spiritsoftware.biz>.
2. Run the Installation Package

If the Dotnet Framework is not installed then the installer will install it.



Press Next



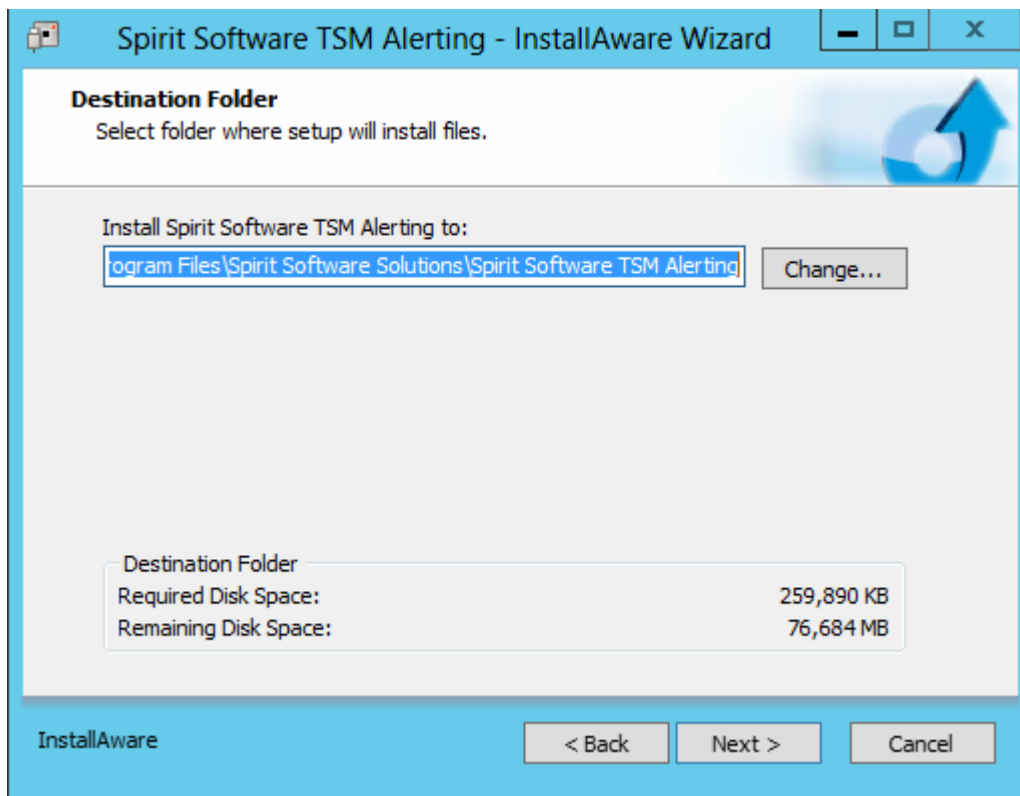
Accept the agreement and press Next

The screenshot shows the 'Customer Registration' step of the 'Spirit Software TSM Alerting - InstallAware Wizard'. The window title is 'Spirit Software TSM Alerting - InstallAware Wizard'. The main heading is 'Customer Registration' with the instruction 'Please enter information on yourself.' Below this, there are two text input fields: 'User Name:' with the text 'User 1' and 'Organization:' with the text 'Spirit Software Solutions'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'InstallAware' logo is in the bottom left corner.

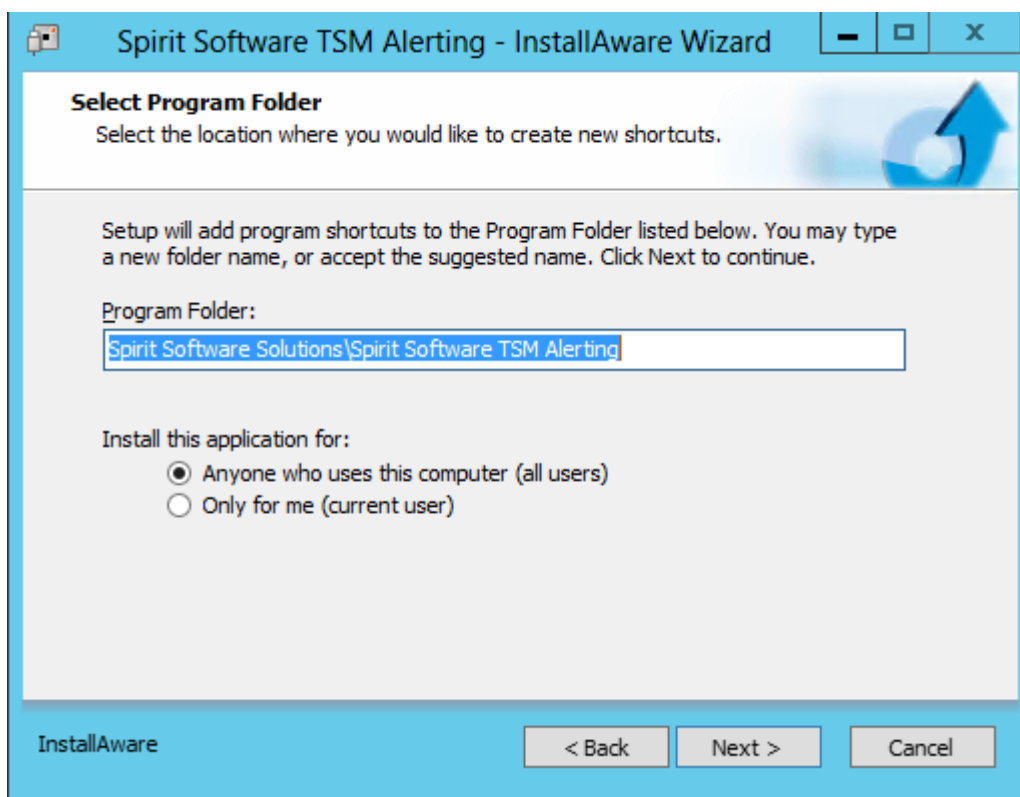
Enter the registration details and press Next

The screenshot shows the 'Setup Type' step of the 'Spirit Software TSM Alerting - InstallAware Wizard'. The window title is 'Spirit Software TSM Alerting - InstallAware Wizard'. The main heading is 'Setup Type' with the instruction 'Choose the setup type that is best for your needs.' Below this, there is a text prompt 'Please select a setup type.' and three radio button options: 'Complete' (selected), 'Compact', and 'Custom'. Each option has a description: 'Complete' (All program features will be installed. This option requires the most disk space.), 'Compact' (Program will be installed with minimum required features. This may disable some application functionality.), and 'Custom' (Choose which program features you want installed. Recommended for advanced users.). At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'InstallAware' logo is in the bottom left corner.

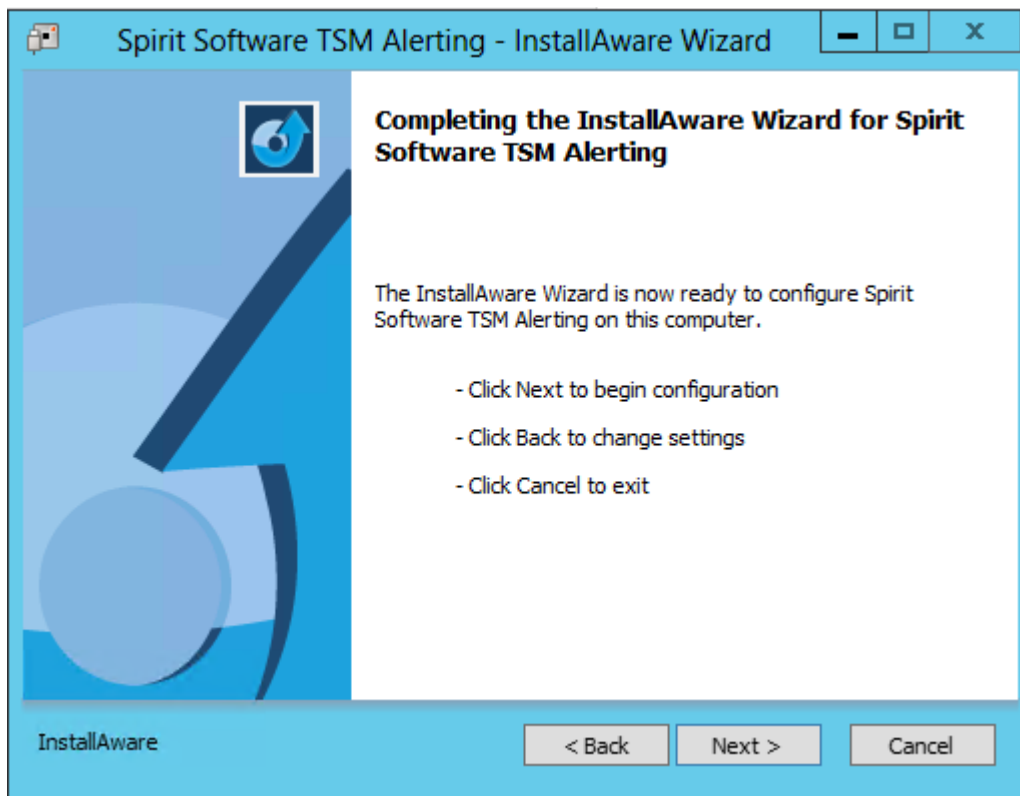
Select the installation type and press Next



Choose the installation Folder and press Next

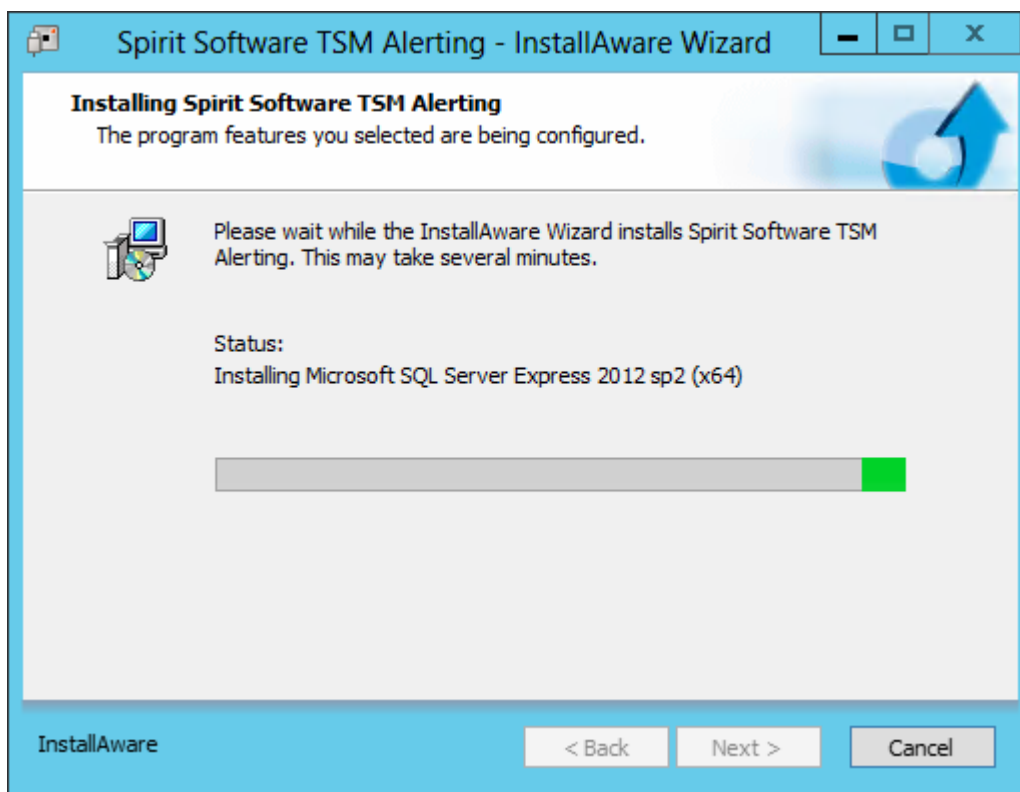


Choose the Program Folder where the shortcuts will be displayed and press Next



Press Next and the install will start

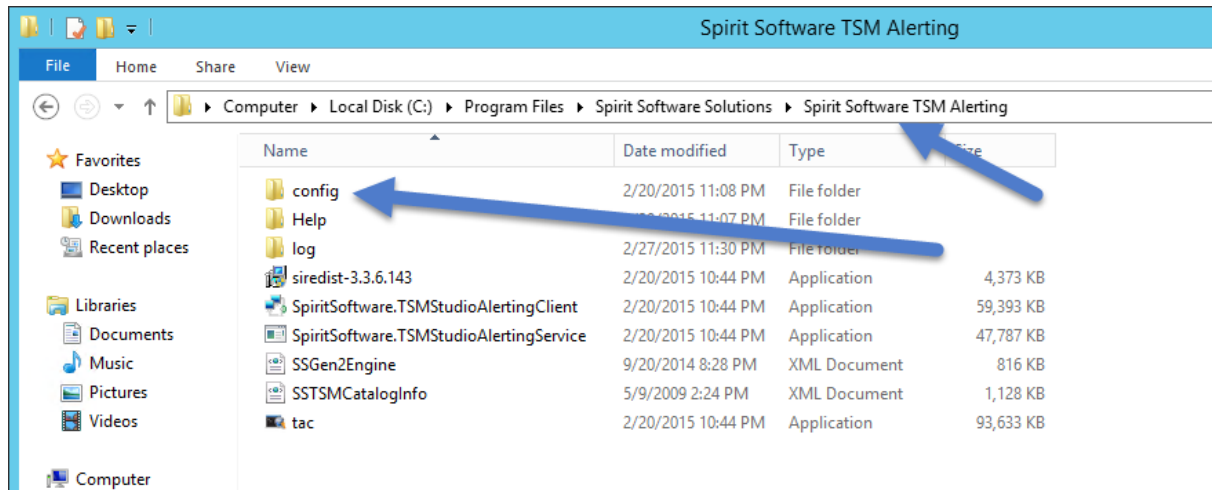
SQL Server will be installed if not already on the system



Select Finish.

## TSM Studio Alerting Configuration

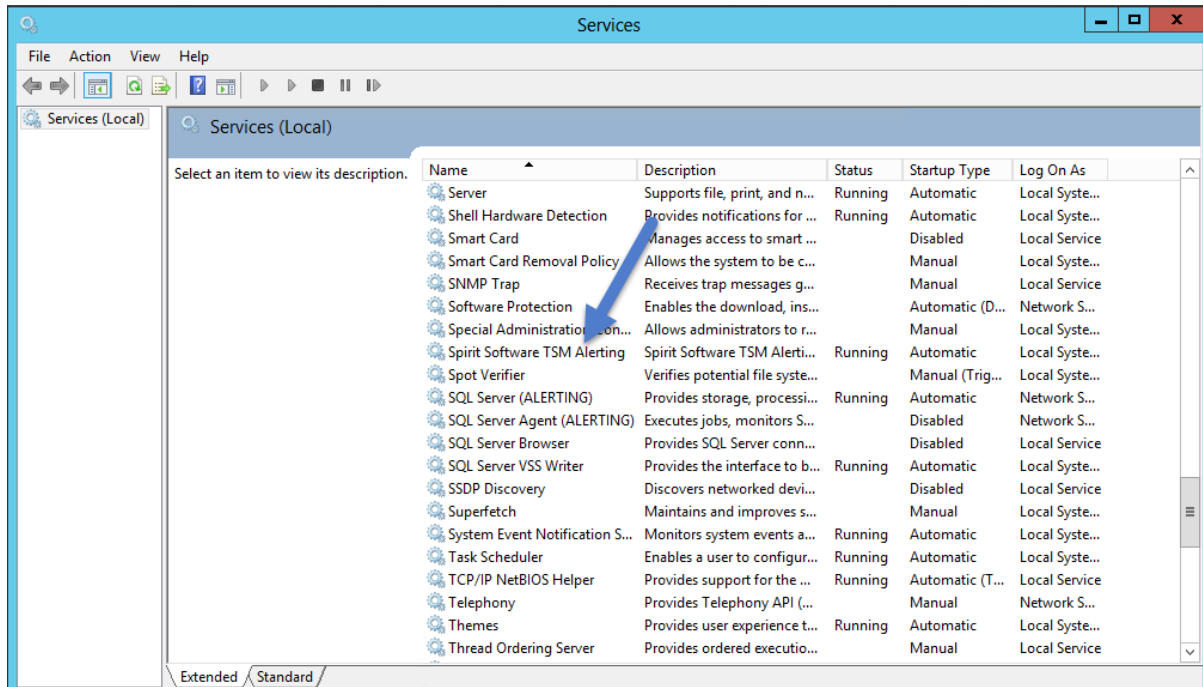
The Configuration file for TSM Studio Alerting can be found in the installation path in the config directory. This can be manually modified if you wish to a different database server or different communications port. See the TSM Studio Alerting User Guide for more information.





## Starting TSM Studio Alerting

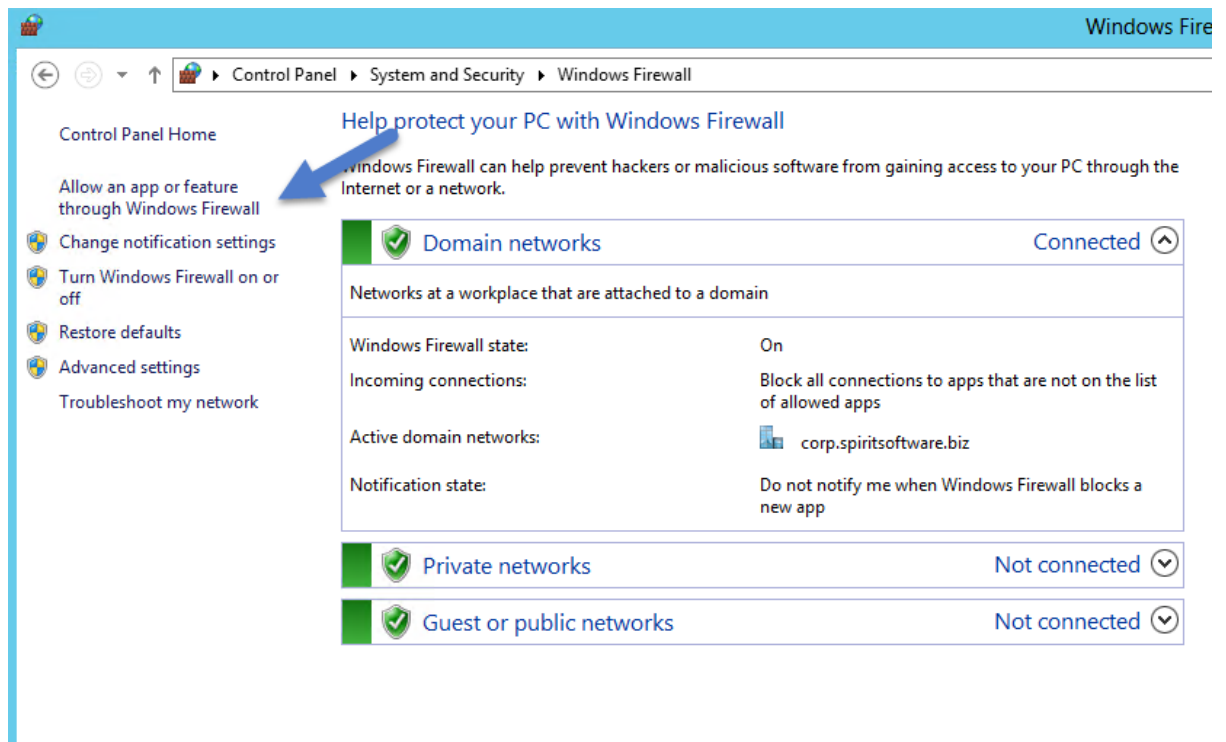
The installer will automatically start the TSM Studio Alerting service as seen here.



## Enable Firewall Port

If you plan on install the TSM Studio Alerting Client on a different server or desktop then it may be necessary to setup the windows firewall on the system running TSM Studio Alerting to allow access.

Go into Windows Firewall settings and select Allow an app or feature through Windows Firewall

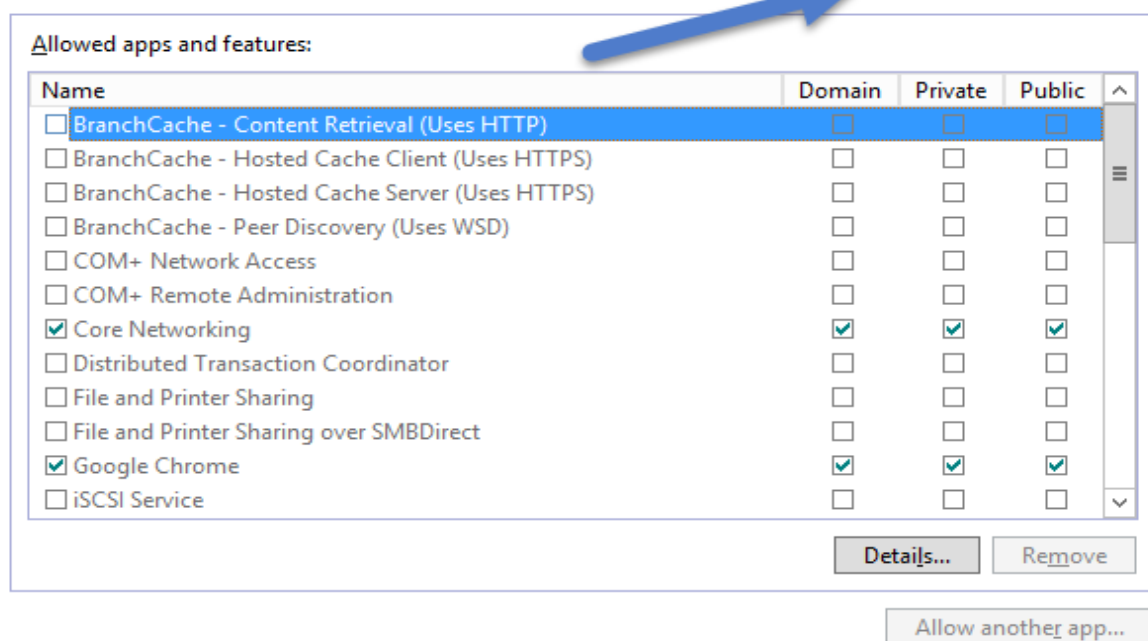


Press the Change Settings button

## Allow apps to communicate through Windows Firewall

To add, change, or remove allowed apps and ports, click Change settings.

What are the risks of allowing an app to communicate?

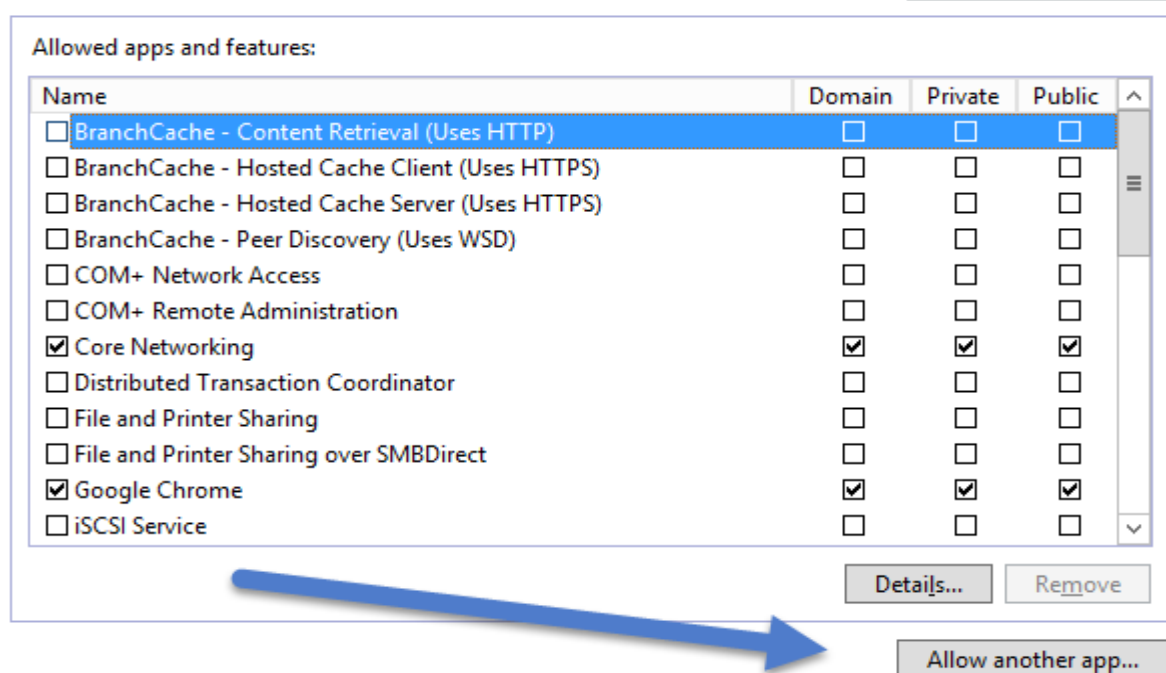


Then Press the Allow another App.. button

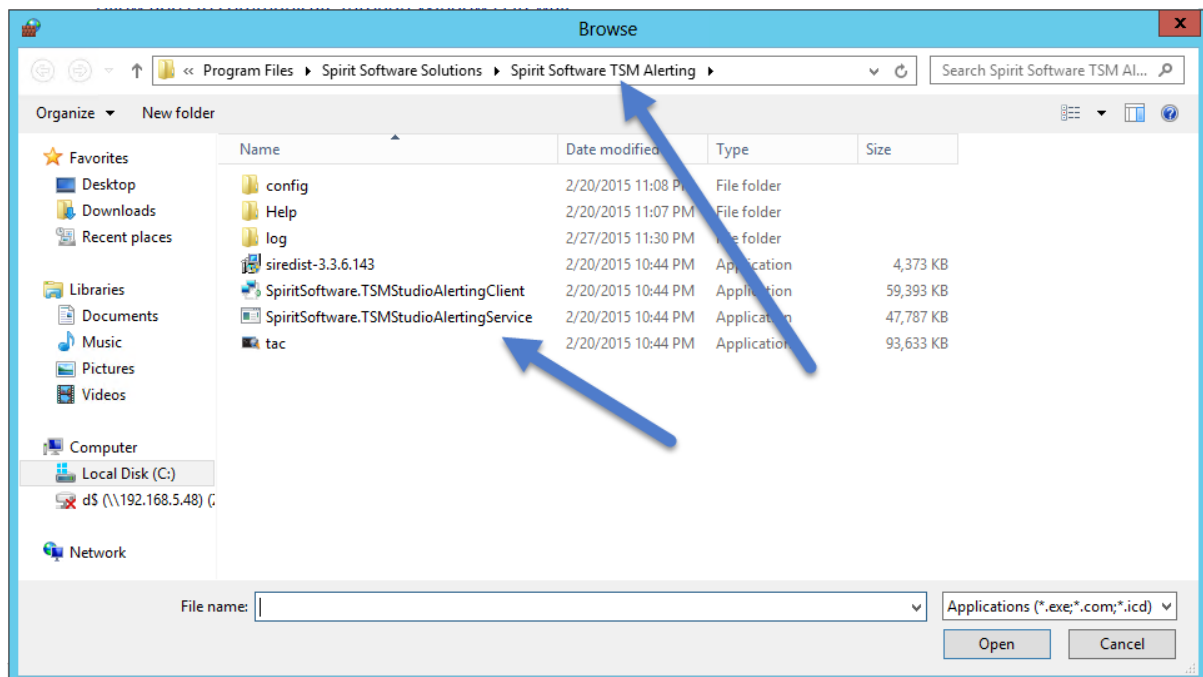
## Allow apps to communicate through Windows Firewall

To add, change, or remove allowed apps and ports, click Change settings.

What are the risks of allowing an app to communicate?



## Choose the TSM Studio Alerting Service Application



## Connecting to TSM Studio Alerting Service for the first time

By default the TSM Studio Alerting Client will also be installed on the same server as TSM Studio Alerting Server and it can be installed remotely as required.

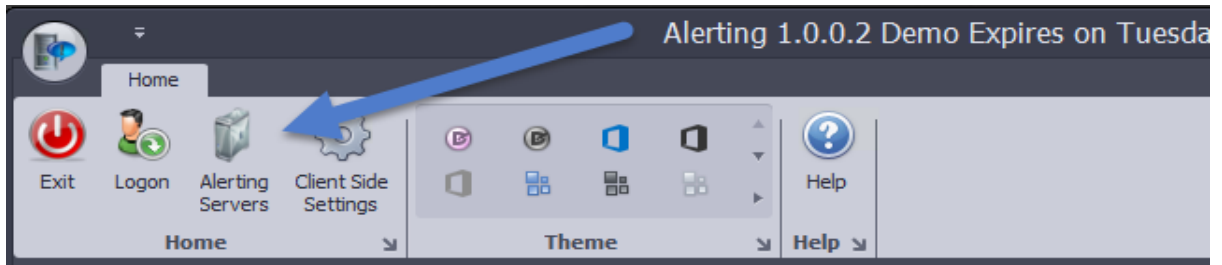
The TSM Studio Alerting Client shortcut can be found in a number of places depending on the Operating System. For Windows 2008 it will appear in the program files folder, and for 2012 it will appear in the Task Bar and Start Page. The shortcut will be named ***TSM Studio Alerting Client*** and the icon is as follows



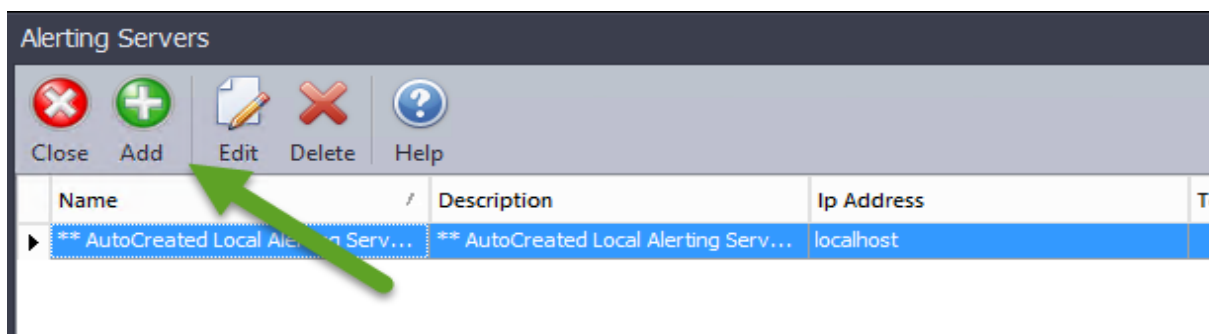
By default a definition will be created on first start that will allow connection of the client to the TSM Studio Alerting Server when both are running on the same server.

## Creating the Alerting Server Connection

After starting the TSM Studio Alerting Client. Click the Alerting Servers icon to add a definition for an Alerting Server



Click the Add Button

The screenshot shows the "Alerting Servers" dialog box. It has four input fields: "Name", "Description", "IP Address", and "Port". The "Name" field is highlighted with a blue selection box. The "Description" field contains the text "\*\* AutoCreated Local Alerting Server \*\*\*". The "IP Address" field contains the text "localhost". The "Port" field contains the number "9995". At the bottom, there are three buttons: "Ok" (with a green checkmark icon), "Cancel" (with a red X icon), and "Help" (with a question mark icon).

**Name:** Enter any name to identify the TSM Studio Alerting Server

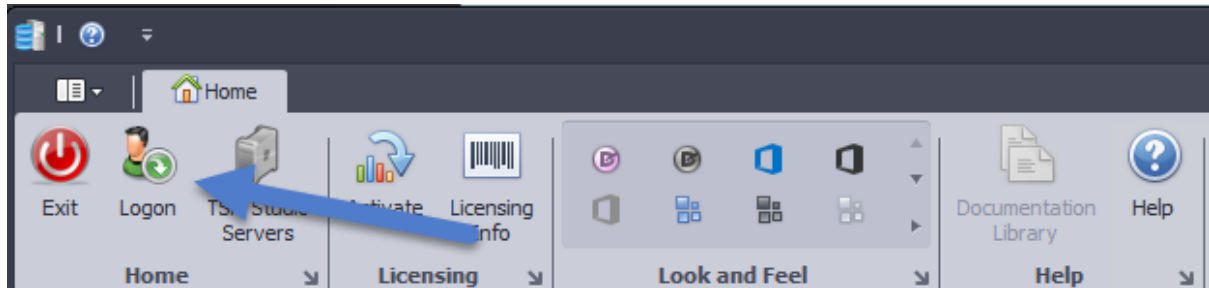
**Description:** Enter an optional description

**IP Address:** Enter the IP address or the FQDN of the TSM Studio Alerting Server

**Port:** Enter the same number that was used for the admin port definition in the TSM Studio Alerting Server Setup (default is 9995)

Press ok to save the changes.

Close the TSM Studio Alerting dialog and press Logon from the main screen

A screenshot of the 'Alerting Server Logon' dialog box. It has a dark background. The title bar says 'Alerting Server Logon'. Inside, there are four input fields: 'Alerting Server' with a dropdown menu showing '\*\* AutoCreated Local Alerting Server \*\*', 'Userid' with the text 'admin', 'Password' with masked characters '\*\*\*\*\*', and 'Domain' which is empty. Below these fields is a checkbox labeled 'Save Logon Details' which is checked. At the bottom, there are three buttons: 'Ok' with a green checkmark icon, 'Cancel' with a red X icon, and 'Help' with a question mark icon.

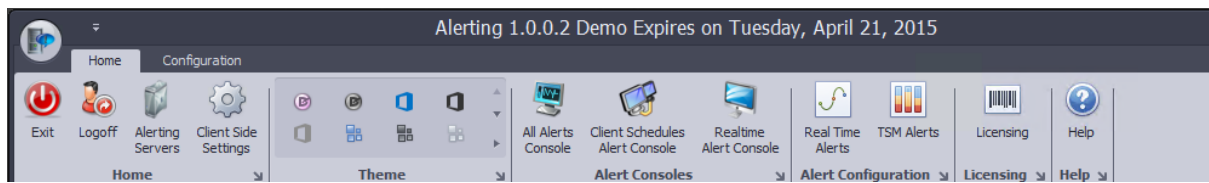
Alerting Server: Select the TSM Studio Alerting Server previously defined

Userid: enter the userid (default is admin)

Password: enter the password (default is password)

Press Ok.

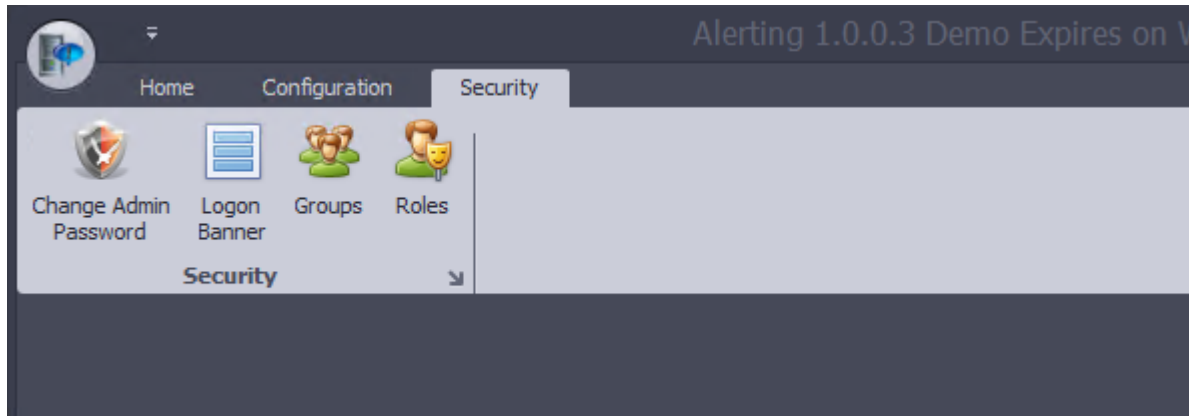
After logging on the following will be shown





## Change the Default Admin password

It is recommended that the default admin password be changed after first logon. To do this go to the **Security Tab**



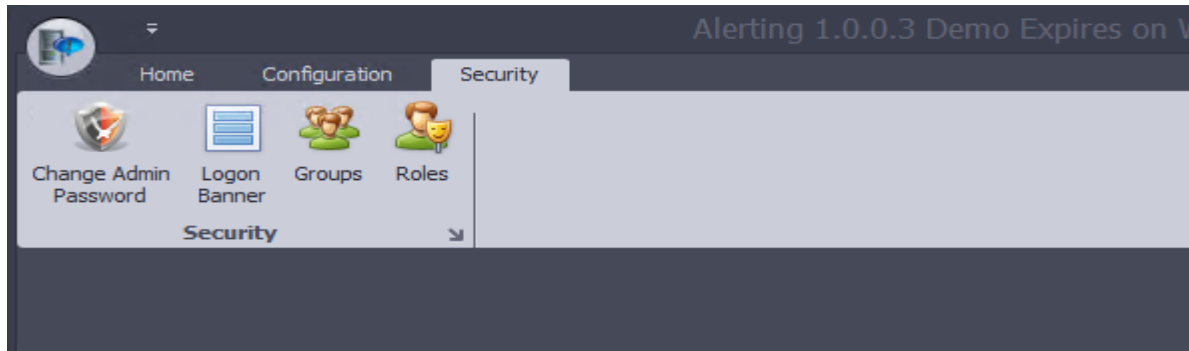
And select **Change Admin Password**

A 'Change Admin Password' dialog box. It has a title bar with the text 'Change Admin Password'. Inside, there are two text input fields: the first is labeled 'Password' and the second is labeled 'Verify Password'. At the bottom of the dialog, there are two buttons: 'Ok' with a green checkmark icon and 'Cancel' with a red X icon.

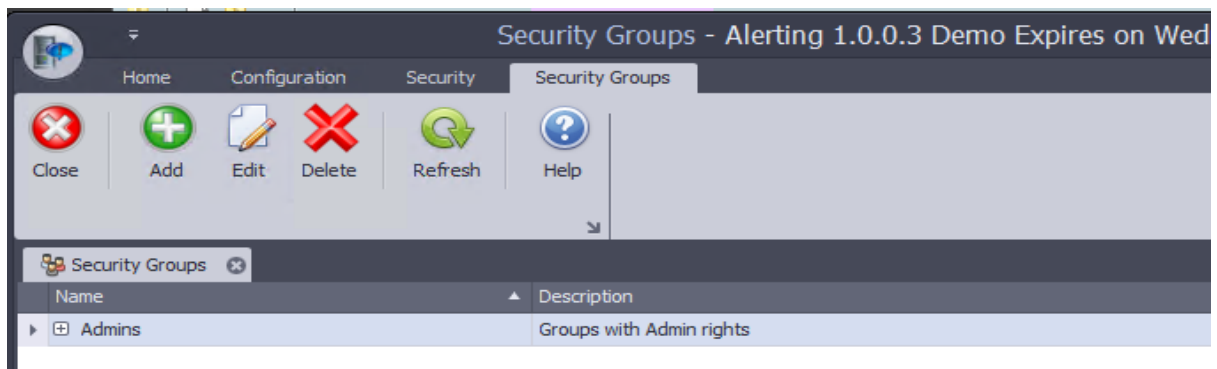
Enter the new password and press Ok

## Allowing Access to Active Directory Groups

To setup security to allow users to use their Active Directory Id's. Go to the **Security Tab**



Select Groups



Select the Admin Group and press Edit (or double click the Admin Group to edit). Add the Active Directory group to the Windows Group section and press ok.

