

## **STATISTICA VERSION 10 STATISTICA MONITORING AND ALERTING SERVER (MAS) INSTALLATION INSTRUCTIONS**

### **Pre-requisites:**

1. The installation of the *STATISTICA Monitoring And Alerting Server (MAS)* network version entails two parts: a) a server installation, and b) workstation installations on each of the client machines. The program will not function if the client installations are not completed.
2. The server installation must be performed by a user with Administrator permissions to the server. The installation makes necessary changes to the system. Each client installation must be performed while logged on as an Administrator to the client computer. If you are prompted to reboot during the installation, you must log on with Administrator permissions after rebooting to complete the installation successfully.
3. If you have a previous version of *STATISTICA* on your computer, from the *Control Panel*, select *Add or Remove Programs* (Windows XP or Windows Server 2003) or *Programs and Features* (Windows Vista, Windows 7, or Windows Server 2008) to uninstall the program. Note that this method of removing *STATISTICA* will not affect or delete any data files created with previous installations. Once this is complete, proceed with the installation instructions.
4. All workstations must have Microsoft Internet Explorer version 5.5 or later installed.
5. The server must be installed to a Windows 2003 operating system or later.
6. This software performs an automatic license registration online. Therefore, it is necessary to perform this installation on a computer that is connected to the Internet.
7. This software installs a *STATISTICA Enterprise* database schema to contain configuration information. A database management system that supports the database schema must be available and have a database with user access configured for use to install the schema. Database management systems currently supported include Oracle 7.0 or greater and SQL Server 2000 or greater (including express editions). Access databases are not supported. The user access will need permissions to create and delete tables, views, and indices and have SELECT, DELETE, INSERT, and UPDATE permissions on all objects created. The database schema will need from 100MB to 1GB+ of space depending on the number of alarm logs created and the configuration settings.
8. All workstations and server must have any additional database client connectivity installed and configured to connect to the database server before running the *STATISTICA MAS* installation including ODBC drivers. For SQL Server installations, no database client or drivers are required. For Oracle installations, the Oracle client must be installed with the TNSNAMES configuration set to connect to the Oracle database server, and if installing to 64-bit Windows, must also include the 64-bit Oracle ODBC driver.

### **Server Installation**

1. Ensure that no other applications are running.
2. Insert the *STATISTICA* DVD into the DVD drive. The installation process should begin automatically, and the *STATISTICA* installation dialog will be displayed. Click the *Install STATISTICA* button.

Note: If the DVD does not auto-start, browse the DVD and double-click on *setup.exe*.

3. The *Welcome* dialog will be displayed. Click the *Next* button.
4. In the *Serial Number / CD Key* dialog, enter the Serial Number and 20-character CD Key in the appropriate boxes. Note: It is important to use the complete keyset as provided by StatSoft. Click the *Next* button to continue.

5. In the *Network ID / Install Code* dialog, enter the Net ID and Install Code. Click the *Next* button to continue.
6. In the *License Agreement* dialog, read the software license agreement. Select the *I accept the terms in the license agreement* option, and click the *Next* button if you agree with the terms and want to continue the installation process.
7. In the *Setup Type* dialog, select either the *Typical* or *Custom* option. *Typical* setup will install *STATISTICA MAS* with the most common options; this is the recommended selection. *Custom* setup options are not covered in these instructions. If you have questions about the custom installation, contact StatSoft technical support. Click the *Next* button to continue.
8. In the *Enterprise Database Install Type* dialog, choose the type of installation: either create a new database, or use an existing database. Click the *Next* button to continue.
9. Select the Database Management System of your choice.

#### A. **SQL Server**

Create New: If you choose to install to a new SQL Server Database, in the *Data Link Properties* dialog - *Connection* tab, enter or select the server name where the SQL Server Database is located, enter the information required to gain access to the server. Then select the existing *STATISTICA Enterprise* configuration database on the server. Click *Test Connection* to ensure that the connection information is correct. If the test connection is successful, click the *OK* button to apply the connection information. If the test is unsuccessful, verify that the connection information is correct and try again.

Use Existing: If you choose to use an existing SQL Server Database, in the *Data Link Properties* dialog - *Connection* tab, enter or select the server name where the SQL Server Database is located, enter the information required to gain access to the server, and select the database on the server where the *STATISTICA Enterprise* schema will be applied. Click *Test Connection* to ensure that the connection information is correct. If the test connection is successful, click *OK* to apply the connection information. If the test is unsuccessful, verify that the connection information is correct and try again.

#### B. **Oracle**

Create New: If you choose to install to a new Oracle Database, in the *Data Link Properties* dialog - *Connection* tab, enter the name of the server where the Oracle Database is located and enter the information required to gain access to the database. Click *Test Connection* to ensure that the connection information is correct. If the test connection is successful, click *OK* to apply the connection information. If the test is unsuccessful, verify that the connection information is correct and try again. Note that *STATISTICA MAS* assumes the Oracle client software is installed on the server and workstations.

Use Existing: If you choose to use an existing Oracle Database, in the *Data Link Properties* dialog - *Connection* tab, enter the name of the server where the Oracle Database is located and enter the information required to gain access to the database. Click *Test Connection* to ensure that the connection information is correct. If the test connection is successful, click *OK* to apply the connection information. If the test is unsuccessful, verify that the connection information is correct and try again. Note that *STATISTICA MAS* assumes the Oracle client software is installed on the server and workstations.

#### C. **Other**

If you choose to install to another database, contact StatSoft for Technical support.

10. In the *MAS Configuration Setup* dialog, specify the optional SMTP e-mail server information. If this information is not supplied, then any email configurations will not function. This information can be edited after installation using the *MAS Configuration* tool.
11. In the *Install Multimedia* dialog, specify whether to install the multimedia files to the server. These are videos providing overviews of various aspects of the *STATISTICA* system. It is recommended that you install them so that workstation clients can access them. Click the *Next* button.
12. In the *Start Menu Folder* dialog, enter the Start Menu folder name; the default name is *STATISTICA 10*. If you want to create a desktop shortcut to *STATISTICA*, select the check box. Click the *Next* button to continue.

13. In the *Register with StatSoft* dialog, enter the requested information in the appropriate boxes. This information is required to obtain the final licensing file for your software. Click the *Next* button to continue.
13. In the next dialog, select a method of software registration. Note that all *STATISTICA* products must be registered to obtain the full license. An Internet connection is needed to *Automatically register*, which is the recommended option. Click the *Next* button to continue.
14. *STATISTICA* will now attempt to register your software automatically. A dialog stating that your license has been successfully registered will be displayed. Click the *OK* button. If the registration process fails, a different dialog will be displayed indicating the failure. See notes below for additional details of failed registration.
15. *STATISTICA MAS* is ready to install. To begin copying files to your machine, click the *Install* button. This may take several minutes.
16. You should receive a message stating that the installation is complete. You may be prompted to reboot now or reboot later, depending on the components that are installed on your machine. If you are prompted, it will be necessary to reboot before you run *STATISTICA MAS*. Click the *Finish* button to complete the installation process.
17. Create a share to the *STATISTICA* executable directory. This share needs to be available to all users who need to run the workstation installation. Users must have read and execute permissions to all files and subfolders.

## Workstation Installation

1. Ensure that no other applications are running.
2. Locate the share that you created (step 17 above) when the *STATISTICA MAS* program files were installed on the server. Double-click the *Setup.exe* file in the *Workstation Installer* subfolder.
3. The *Welcome* dialog will be displayed. Click the *Next* button.
4. In the *License Agreement* dialog, read the software license agreement. Select the *I accept the terms in the license agreement* option, and click the *Next* button if you agree with the terms and want to continue the installation process.
5. In the *Setup Type* dialog, select either the *Typical* or *Custom* option. *Typical* setup will install *STATISTICA MAS* with the most common options; this is the recommended selection. *Custom* setup options are not covered in these instructions. If you have questions about the custom installation, contact StatSoft technical support. Click the *Next* button to continue.
6. If multimedia files are installed on the server, the *Install Multimedia* dialog will be displayed. Specify whether to install the multimedia files to your hard drive. These are videos providing overviews of various aspects of the *STATISTICA* system. It is recommended that you install them if you have sufficient disk space. Click the *Next* button to continue.
7. In the *Start Menu Folder* dialog, enter the Start Menu folder name; the default name is *STATISTICA 10*. If you want to create a desktop shortcut to *STATISTICA*, select the check box. Click the *Next* button to continue.
8. *STATISTICA MAS* is ready to install on your workstation. To begin copying files, click the *Install* button.
9. Your system will be updated and program files will be installed. Click the *Finish* button on the *Setup Wizard Completed* dialog.
 

If you receive any Version Conflict messages, it is recommended that you keep your existing file (click the *Yes* button).

If the workstation's system files need to be updated, you must restart your computer to finish the installation process.
10. To start using *STATISTICA MAS*, double-click the *STATISTICA* shortcut, and type in the default login name "Admin," and password "abcdef." *STATISTICA* will be displayed. At this point, from the *Enterprise* menu, select *Enterprise Manager* where you should add or import new users in the *User Administration*.

## Server Uninstall

To remove the *STATISTICA MAS* server, follow these steps:

1. Ensure that no other applications are running.
2. From the *Control Panel*, select *Add or Remove Programs* (Windows Server 2003) or *Programs and Features* (Windows Server 2008).
3. Scroll down through the list of programs and select *STATISTICA*. Click either the *Remove* button (Windows Server 2003) or the *Uninstall* button (Windows Server 2008) to uninstall the program.
4. A message will be displayed to confirm that you want to uninstall *STATISTICA* from your computer. Click the *Yes* button, and *STATISTICA* files will be uninstalled.
5. When the uninstall process is complete, click the *Yes* button if you want to notify the StatSoft registration server. This will allow you to install the server on another computer.

## Workstation Uninstall

To uninstall a *STATISTICA MAS workstation*, follow these steps:

1. Ensure that no other applications are running.
2. From the *Control Panel*, select *Add or Remove Programs* (Windows XP) or *Programs and Features* (Windows Vista or Windows 7).
3. Scroll down through the list of programs and select *STATISTICA*. Click either the *Remove* button (Windows XP) or the *Uninstall* button (Windows Vista or Windows 7) to uninstall the program.

## Notes on failed registration

1. The software registration process can fail for several reasons including: exceeding the allowed number of installations for a serial number, lack of internet connection on the installed machine, incorrect serial number, or other technical difficulties.
2. If you want *STATISTICA MAS* installed on an additional computer, contact StatSoft for information on our policy and additional pricing.
3. If some other issue has affected your registration, ensure that the computer is connected to the internet, and verify your serial number. Start *STATISTICA*. From the *Help* menu, select *Register*.
4. If the registration process still cannot be completed, follow the instructions in the *STATISTICA* start-up dialogs, or contact Technical Support at (918)749-1119 or [info@statsoft.com](mailto:info@statsoft.com).

## Notes on STATISTICA MAS server configuration

1. Launch the *MAS Configuration* shortcut to open the *MAS Configuration* tool. In this tool you may:
  - a. Define connectivity to another *STATISTICA Enterprise* database by editing the DSN, DSNUID, and DSNPWD fields.
  - b. Define the user credentials to use when running analysis configurations through *MAS* as well as station name by editing the LOGIN, PASSWORD, and STATION fields.
  - c. Define SMTP e-mail server information to use when sending alarm emails by editing the SMTP, SMTP\_USER, SMTP\_PWD, and SMTPMAILFROM fields.
  - d. Define the interval in seconds in which the *MAS* service will check the *STATISTICA Enterprise* database to see if there are any Tasksets that require running by editing the SEWSSPOLLING.
  - e. Define the path in which *MAS* log files will be created by editing the LOGPATH field.
  - f. Define how much information will be added to the *MAS* log files by editing the LOGTRACE\_LEV field.
  - g. Define the list of remote *MAS* servers when distributing the processing load of running analyses across multiple *MAS* servers by editing the ROS\_SERVERS field.
  - h. Define the path in which to create XML files contain *MAS* alarm information by editing the MASALARM\_PATH field.

To save any changes, from the File menu, select save and then restart the MASMonitorService.

2. If an analysis running on the *MAS* server requires access to files external from the server, the *MAS COM+* settings will need to be adjusted. By default, after installing the *MAS* server, a new local user account will be created on the *MAS* server which is used to run the analysis configurations. This user account called MASService is granted local administrative rights to the *MAS* server and not granted rights to login to the server (solely used to run the *MAS* service). Using the *Component Services* tool (available in from the *Windows Control Panel* or by searching for *Component Services*), expand the *Component Services* to show the COM+ Applications for the server. Right click on the *STATISTICA Monitoring And Alerting Server* and select *Properties*. In the *Identity* tab, edit the user account settings accordingly.
3. By default the *MAS* server is configured to allow up to 4 analysis configurations to run at one time. Depending on the available hardware resources on the server, and the amount of resources required to run each of the analysis configurations, this setting may need to be adjusted. Using the *Component Services* (available in from the *Windows Control Panel* or by searching for *Component Services*), expand the *Component Services* to show the COM+ Applications for the server. Right click on the *STATISTICA Monitoring And Alerting Server* and select *Properties*. In the *Pooling & Recycling* tab, edit the *Pool Size* option according to how many analyses configurations should be allowed to run at one time.

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