



**Aimetis Symphony™
Silent Installation Guide
Command Line Instructions**

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Table of Contents

Silent Installation

Workflow	1
Task 1: Creating a Configuration File	2
Sample Configuration Code	2
Task 2: Customizing and Validating a Configuration File	3
Upgrading	3
Fresh Installation	3
Validating the Configuration File Using the Schema File	3
Task 3: Installing Symphony Server and/or Symphony Client	6
Server Installation including SQL Server Installation with Extensive Logging.....	6
Server Installation Excluding SQL Server Installation	7
Server Upgrade	7
Client Installation.....	7
Additional Notes	7
Setup Wizard Quiet.....	7
Setup Wizard Quiet with Configuration File	7

1

Silent Installation

You can use the silent installation to upgrade from Symphony 6.5 and later to the latest Symphony release. You must have administrative rights on all computers that will receive the update.

Workflow

- [Task 1: Creating a Configuration File](#)
- [Task 2: Customizing and Validating a Configuration File](#)
- [Task 3: Installing Symphony Server and/or Symphony Client](#)

Task 1: Creating a Configuration File

An xml file must be created to configure Aimetis Symphony™ Server software on your servers. Copy the following sample configuration code into a text editor.

Sample Configuration Code

```
<?xml version="1.0" encoding="utf-8" ?>
<Configuration xmlns="http://www.aimetis.com/Configuration.xsd">
<Database>
<Connection server_name="%localhost%\aimetis" database="aira"
use_integrated_security="false" username="sa" password="Pass!Word123" />
</Database>
<License>
<online>
<Farm name="[farmname]" />
<XNetCredentials username="username" password="password" />
<Allocations>
<Allocation type="standard" quantity="0" />
<Allocation type="professional" quantity="0" />
<Allocation type="enterprise" quantity="1" />
</Allocations>
</online>
<!--
<offline>
<File name="C:\temp\license_00000_[xxx]_2011-10-6_2730.lic />
</offline>
-->
</License>
<Security>
<AuthenticationMode>Symphony</AuthenticationMode>
<Credentials>
<Administrator username="username" password="password" />
</Credentials>
</Security>
<Paths>
<Data>C:\symphony\data</Data>
<Log level="4">C:\symphony\logs</Log>
</Paths>
<Networking>
<MAC use_best="true" />
<!-- <MAC>11-22-33-34-11</MAC>
-->
<AllowPortRangeModification>>false</AllowPortRangeModification>
</Networking>
</Configuration>
```

Task 2: Customizing and Validating a Configuration File

Using the information in [Table 1: Configuration Information](#), modify the configuration information.



`true` and `false` are case sensitive and must be lowercase. Alternatively, `1` (`true`) and `0` (`false`) are also valid.

Upgrading

- All of the sections are optional within the Configuration tag (for example, Database, License, etc.)
- If a configuration file is not provided or sections are omitted, the values that previously existed on the server will be used.
- If a file is provided with settings, those settings override any previous settings.

Fresh Installation

During a fresh installation, you need all sections (except in cases where you can provide one type of element or another, then you should only specify one or the other, not both).

Validating the Configuration File Using the Schema File

The xsd file itself can be used to validate any given configuration file if an appropriate text editor is used. For example, NotePad++ has plug-ins that will do such things, and Visual Studio provides auto-complete when composing the xml if the schema file (xsd) is available. For details, see [Sample Configuration Code](#).

Table 1: Configuration Information

Code	Customizable
<code><?xml version="1.0" encoding="utf-8" ?></code>	No
<code><Configuration xmlns="http://www.aimetis.com/Configuration.xsd"></code>	No
<code></Database></code>	No
<code><Connection server_name="%localhost%\aimetis" database="aira" use_integrated_security="false" username="sa" password="Pass!Word123" /></code>	Yes
<code></Database></code>	No
<code><License></code>	No
<code><online></code>	Either an online or offline section depending on the type of installation.

Table 1: Configuration Information

<Farm name="farmname" />	Yes. The farmname setting can contain any environment variable. The Farm name is registered with Aimetis Xnet, so it must be unique worldwide.
<XNetCredentials username="username" password="password" />	Yes
<Allocations>	No
<Allocation type="standard" quantity="0" />	Yes Note: The quantity will be the final amount. If you already have a license, the value in quantity = " " does NOT add to your existing amount of licenses. For example, if you already have 5 licenses and you set quantity = "3" , you will NOT have 8 licenses. You will have ONLY 3 licenses.
<Allocation type="professional" quantity="0" />	Yes Note: The quantity will be the final amount. If you already have a license, the value in quantity = " " does NOT add to your existing amount of licenses. For example, if you already have 5 licenses and you set quantity = "3" , you will NOT have 8 licenses. You will have ONLY 3 licenses
<Allocation type="enterprise" quantity="1" />	Yes Note: The quantity will be the final amount. If you already have a license, the value in quantity = " " does NOT add to your existing amount of licenses. For example, if you already have 5 licenses and you set quantity = "3" , you will NOT have 8 licenses. You will have ONLY 3 licenses.
</Allocations>	No
</online>	
<!--	
<offline>	
<File name="C:\temp\license_00000_[xxx]_2011-10-6_2730.lic" />	Yes
</offline>	
-->	
</License>	No

Table 1: Configuration Information

<Security>	No
<AuthenticationMode>Symphony</AuthenticationMode>	Either “AD” or “Symphony”
<Credentials>	Yes
</Security>	No
<Paths>	No
<Data>C:\symphony\data</Data>	Yes
<Log level="4">C:\symphony\logs</Log>	Yes. Values 1 to 4. 1=low 4=diagnostic
</Paths>	No
<Networking>	No
<MAC use_best="true" />	Yes <ul style="list-style-type: none"> • If set as <MAC use_best="true">AA-AA-BB-CC-DD </MAC>, the system will select the best MAC even if it is not AA-AA-BB-CC-DD. • If set as <MAC use_best="false">AA-AA-BB-CC-DD </MAC>, the system will select AA-AA-BB-CC-DD, even it is not the best MAC to use. • You can remove the use_best attribute and replace it with <MAC>01-2E-63-2F-33-EE</MAC> to specify an actual MAC address.
<!-- <MAC>11-22-33-34-11</MAC> -->	
<AllowPortRangeModification>>false</AllowPortRangeModification>	Yes
</Networking>	No
</Configuration>	No

Task 3: Installing Symphony Server and/or Symphony Client

Option	Description
ADDLOCAL=ALL	Install SQL server (without this argument SQL will not be installed).
SQL_SA_PASSWORD="mypassword"	This must be a quoted string, that is, the enclosing \". The password MUST match the sa password specified in the configuration xml document under the <Connection> tag. If not, setup will fail.
SETUP_CONFIG_FILE="C:\\myfile.xml"	This must be a quoted string. that is, the enclosing \". A full path name must be given, that is, C:\\folder\\file.xml. The \\'s in the path name must be expressed as \\\'s or setup will fail. This is the name of your xml configuration file.
INSTALLDIR="C:\\Program Files\\Aimetis\\Symphony\\\\"	This must be a quoted string, that is, the enclosing \". A full path must be given, and the path name must end with "\\\". This is the location where symphony will be installed.

At the command line, enter:

```
setup.exe /s /v"/qn ADDLOCAL=ALL
SQL_SA_PASSWORD="mypassword"SETUP_CONFIG_FILE="C:\\myfile.xml"
INSTALLDIR="C:\\ProgramFiles\\Aimetis\\Symphony\\" "
```

Server Installation including SQL Server Installation with Extensive Logging

For logging, adding a /L*v C:\logfile.txt to any silent install command line (after the /qn) will generate the requested logs. The installer will create a 4MB log file named c:\logfile.txt.

At the command line, enter:

```
setup.exe /s /v"/qn /L*v c:\Log.txt ADDLOCAL=ALL
SQL_SA_PASSWORD="mypassword"
SETUP_CONFIG_FILE="C:\\SampleConfiguration.xml" INSTALLDIR="C:\\Program
Files\\Aimetis\\Symphony\\" "
```

Server Installation Excluding SQL Server Installation

The **ADDLOCAL=ALL** option is omitted.

At the command line, enter:

```
setup.exe /s /v"/qn SETUP_CONFIG_FILE="C:\\myfile.xml\"  
INSTALLDIR="C:\\Program Files\\Aimetis\\Symphony\\\\" "
```

Server Upgrade

If installing the server using a deployment program, do not use the “local system” account to install.

At the command line, enter:

```
Setup.exe /s /v"/qn"
```

With extensive logging:

```
Setup.exe /s /v"/qn /L*v c:\\mylog.txt"
```

Client Installation

If installing the client using a deployment program, do not use the “local system” account to install.

At the command line, enter:

```
Setup.exe /s /v"/qn"
```

Additional Notes

The Setup Wizard runs automatically in a silent installation. If, however, you want to run a silent setup wizard at any point, use the following commands.

Setup Wizard Quiet

No file is specified and the Setup Wizard uses the existing settings.

At the command line, enter:

```
setupwizard quiet
```

Setup Wizard Quiet with Configuration File

The Setup Wizard uses the config.xml file for settings.

At the command line, enter:

```
setupwizard quiet config="c:\\temp\\config.xml"
```