

Aimetis Symphony™

Silent Installation Guide Command Line Instructions



Silent Installation

You must have administrative rights on all PCs that will receive the update.

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Task 1: Create a Configuration File

You must create an **.xml** file 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" />
    </online>
    <Allocations>
      <Allocation type="standard" quantity="0" />
      <Allocation type="professional" quantity="0" />
      <Allocation type="enterprise" quantity="1" />
    </Allocations>
    </offline>
    <!--
  <File name="C:\temp\license_00000_[xxx]_2011-10-6_2730.lic" />
  </offline>

  -->
  </License>
  <Security>
    <AuthenticationMode>Symphony</AuthenticationMode>
  </Security>
  <Credentials>
    <Administrator username="username" password="password" />
  </Credentials>
</Configuration>
```

```

</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: Customize and Validate the Configuration File

Using the information in [Table 1 on page 3](#) as a guide, modify the configuration information.



Caution: “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 (<http://www.aimetis.com/Configuration.xsd>) 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.

Table 1.

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

Table 1. (Continued)

Code	Customizable
</online>	
<!--	
<offline>	
<File name="C:\temp\license_00000_[xxx]_2011-10-6_2730.lic" />	Yes
</offline>	
-->	
</License>	No
<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 if 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: Install Symphony Server and/or Symphony Client

Table 2. Command-line Options

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.

Server Installation Including SQL Server Installation

At the command line, enter:

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

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

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 Wizard uses the existing settings.

At the command line, enter:

```
setupwizard quiet
```

Setup Wizard Quiet with Configuration File

The Wizard uses the config.xml file for settings.

At the command line, enter:

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

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