

# **SAMURAI 1.7 Release Notes for SINUS Distributors**

14th March 2008

## **1 What's New in SAMURAI 1.7?**

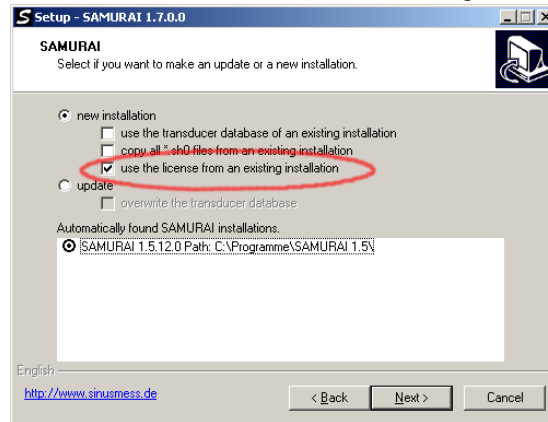
- Sound Intensity Measurements
- Building Vibration
- Harmonic Cursor
- Cursor in Time History and Time Signal
- Time Triggers
- Event-based Sending of E-Mails and SMSs
- Licence Management
- Many Improvements to the User Interface

Further information about the above topics can be found in the user manual. The remainder of this document describes installation and licencing issues from the distributor viewpoint.

## **2 Updating from SAMURAI 1.5 to 1.7**

Because the licencing method has changed as of version 1.7 there are a few things which you need to be aware of. SAMURAI version 1.7 converts the previous (binary file) licences (see 2.1) to the new format. The licence information is read from the binary file and SAMURAI creates a new licence for the licence manager (see section 3). Thus, the update from version 1.5 to 1.7 is performed as follows:

1. Installation of version 1.7. The following checkbox must be set:



2. Start SAMURAI 1.7 - the \*.KEY files are copied from C:\Program Files\SAMURAI 1.5 to C:\Program Files\SAMURAI 1.7 and converted. This also applies for the sales key.
3. Start "SINUS Licence Administrator" and check that the licences were converted correctly.

The sensor database can also be copied from version 1.5 to 1.7 by setting the corresponding checkbox in the installation program (or the necessary files can be copied by hand:  $\langle SAMURAI\_Installation\_Path \rangle \backslash SHSETUP \backslash TRND*.dat$ ).

As of version 1.7 it is possible to export sensor data in XML file format. This feature should be recommended to every customer for periodic archiving of all necessary sensor data.

## 2.1 Licencing in SAMURAI 1.5

SAMURAI 1.5 uses binary licence files, which contain all licences for the individual options. However, there is only a single expiry date, so it is not possible to specify individual expiry dates for the options.

## 2.2 Licencing in SAMURAI 1.7

SAMURAI 1.7 uses a licence manager (see section 3) in the form of a Windows service which is installed and started during the SAMURAI installation. Each SAMURAI option can have its own expiry date.

## 3 New Licence Management

In future, all software from SINUS Messtechnik GmbH will use this licence management. The "licence manager", which will be installed along with every SINUS software product, is an operating system service (named "Sinus-LicenceManager") which runs in the background and makes the necessary licencing data available to the software. The licence manager does not check the licences - these are checked by the application software.

As well as the “SinusLicenceManager”, the “SINUS Licence Administrator” is installed. This is simply a program for administering the licences (install, edit, delete) which also provides an overview of the licences installed; it can be started via `<startmenu>\SINUS\ Tools\SINUS Licence Administrator`. This program is only a “front-end” and need not be started for the licencing.

The following picture shows a typical “SINUS Licence Administrator” display:

The screenshot shows a window titled "SINUS Licence Administrator: Number of licences: 64". The window contains a table with the following columns: Application, Option, Serial Number, Customer, Expiry Date, and Computer Name. The table lists various licences such as SAMURAI Sound Power, SAMURAI Sound Intensity Full, and SINUS MatLab Toolbox Main, along with their respective serial numbers, customers (e.g., SINUS Messtechnik GmbH, Christian Danneberg), and expiry dates (e.g., 31.12.2008, Permanent).

Application	Option	Serial Number	Customer	Expiry Date	Computer Name
SAMURAI	Sound Power	SALES	SINUS Messtechnik GmbH	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Sound Intensity Full	SALES	SINUS Messtechnik GmbH	31.12.2008	DAN-PC-Vista.sinus.local
SINUS MatLab Toolbox	Main	3001	SINUS Messtechnik GmbH ...	Permanent	DAN-PC-Vista.sinus.local
SAMURAI	VibMeter	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	SoundPower	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	SigGen	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	SamTCP	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Passby	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Order	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	NoiseCam	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Main	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Intensity	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	HVMA	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	FractCct	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Cross	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Buildvb	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Buildvb	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SAMURAI	Automation	3001	Christian Danneberg (wor...	31.12.2008	DAN-PC-Vista.sinus.local
SINUS MatLab Toolbox	Main	11067027644703834119	Sinus Messtechnik GmbH	Permanent	DAN-PC-Vista.sinus.local

The window consists mainly of a table of all installed SINUS licences. Licences can be added or removed using the context-menu (right mouse button) or the main “File” menu.

Licences are issued in the form of (\*.lic) files, which are XML files that can be opened with any text editor. The initial \*.lic files are normally supplied on the product CD (specific to the serial number of the customer’s device). Further licences ordered later will be sent via E-Mail.

### 3.1 Installing a Licence

There are three ways to install a licence with the “SINUS Licence Administrator”:

1. The \*.lic files can be copied using “drag’n’drop” from Windows Explorer into the table.
2. Via the context menu in the table (right mouse button).
3. Via the main “File” menu.

### 3.2 Deleting, Exporting or Editing a Licence

This is done via either the context menu in the table (right mouse button) or the main “File” menu. Several licences can be selected and deleted or exported at once. However, only a single licence at a time can be edited (as in the following window):

Enter New Licence

Key : EXPIRATIONDATE

Value : 2008-12-31

Add / Update Entry Remove Entry Clear All

Key	Value
APPLICATION	SAMURAI
OPTION	Main
SERIALNUMBER	3001
CUSTOMER	Christian Danneberg (...)
EXPIRATIONDATE	2008-12-31
CREATIONDATE	2008-02-15
NBROFCHANNELS	4
LICENCESTRING	D6 E2 AB 30 06 D2 84...

Apply Cancel

It will seldom be necessary to edit a licence, but this feature can be useful in the case when a licence has expired and the customer is only reachable by telephone - the necessary changes can then be made by hand. For safety, the original licence is always duplicated when editing - the original can later be deleted by hand when it is no longer required.