

Mobil Industrial AG

CXSpectra™

INSTALLATION INSTRUCTIONS

**Analysis and
Proactive Maintenance
Software**

CXSpectra



Document Reference No. MI-CX 00101

| Release notes | Date |
|----------------------|-------------|
| First release | August 2013 |
| Revision A | |

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1 Introduction

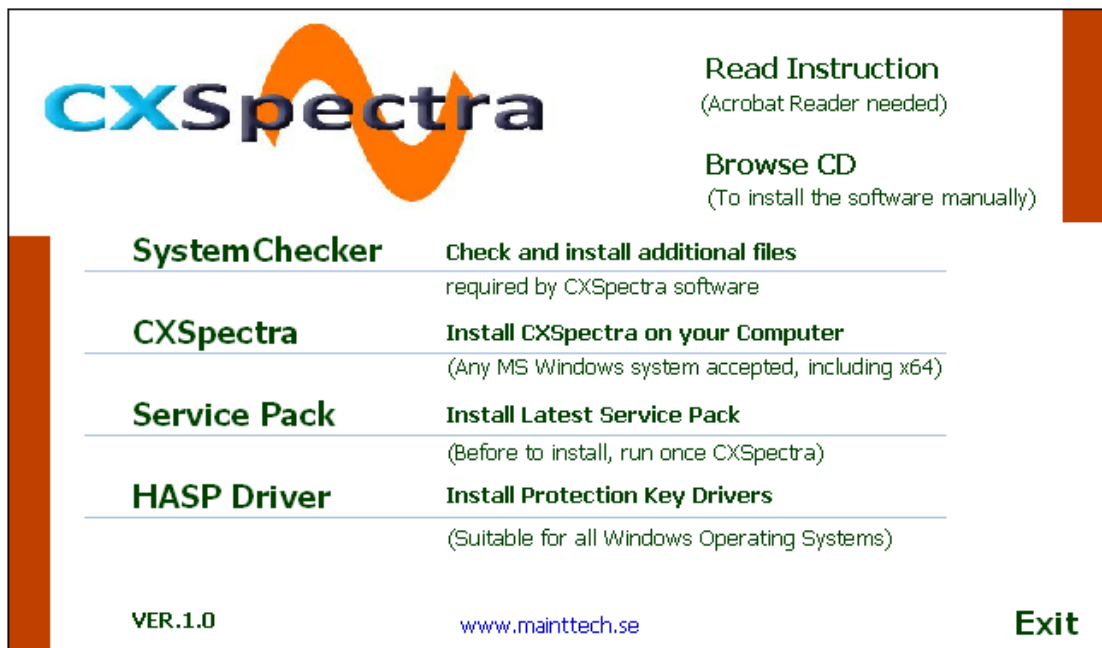
This product has been developed to work on any properly configured version of the following Operating Systems:

- Windows XP (32-bit and 64-bit)
- Windows Server 2003 (32-bit and 64-bit)
- Windows Vista (32-bit and 64-bit)
- Windows 2008 (32-bit and 64-bit)
- Windows 7 (32-bit and 64-bit)
- Windows 8 (32-bit and 64-bit)
- Windows 2008 R2
- Windows Server 2012

Due to the nature of the anti-piracy security technology built into this product, using illegal keys may lead to software failure or instability.

Before running the setup file, make sure that all the other programs are closed. This includes anti-virus software and any other programs which are running. If you do not follow this procedure, it may interfere with the normal setup procedure.

To start installing the software onto your computer, just make sure your CD-ROM was placed into the CD-ROM player. Because of its "Autorun" functionality, the installation program will start automatically. When this doesn't happen, go to "My Computer" and double click the CD-ROM icon. Find the AUTORUN folder. Next: double click on the installer (*Autorun.exe* file) and follow the instructions displayed on screen.



Now you are ready to install the application on your computer.

2 Installing procedure

For a complete installation, you must follow the next steps:

- Install the SystemChecker application.
- Install *CXSpectra™* and run it once.
- Install the latest Service Pack for *CXSpectra™*
- Install the Drivers for HASP Protection Key.
- Configure *CXSpectra™* for Windows 7 and Windows 8 Operating Systems.

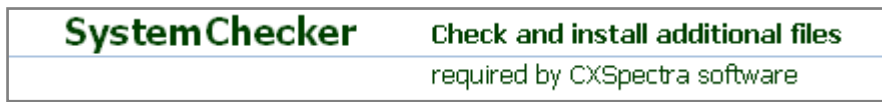
2.1 Installing SystemChecker

Sometimes, during *CXSpectra™* installation, some of the additional files required by this application are not installed. This happens when the user doesn't have the full administrator privilege during the installation procedure, or from another unknown reason. In such a situation, you should also install in your computer the *SystemChecker* application. By doing this, the files required for *CXSpectra™* will be installed or properly updated. The installed files are virus checked and are in accordance with the Microsoft recommendation.

If you need more detail please read the following article:

Description of the cumulative update rollup for the Visual Basic 6.0 Service Pack 6 Runtime Extended Files on address: <http://support.microsoft.com/kb/957924>

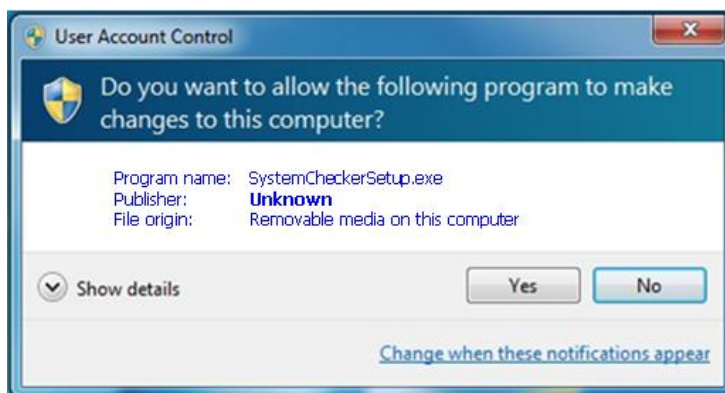
Click on:



Follow the instructions displayed on screen.



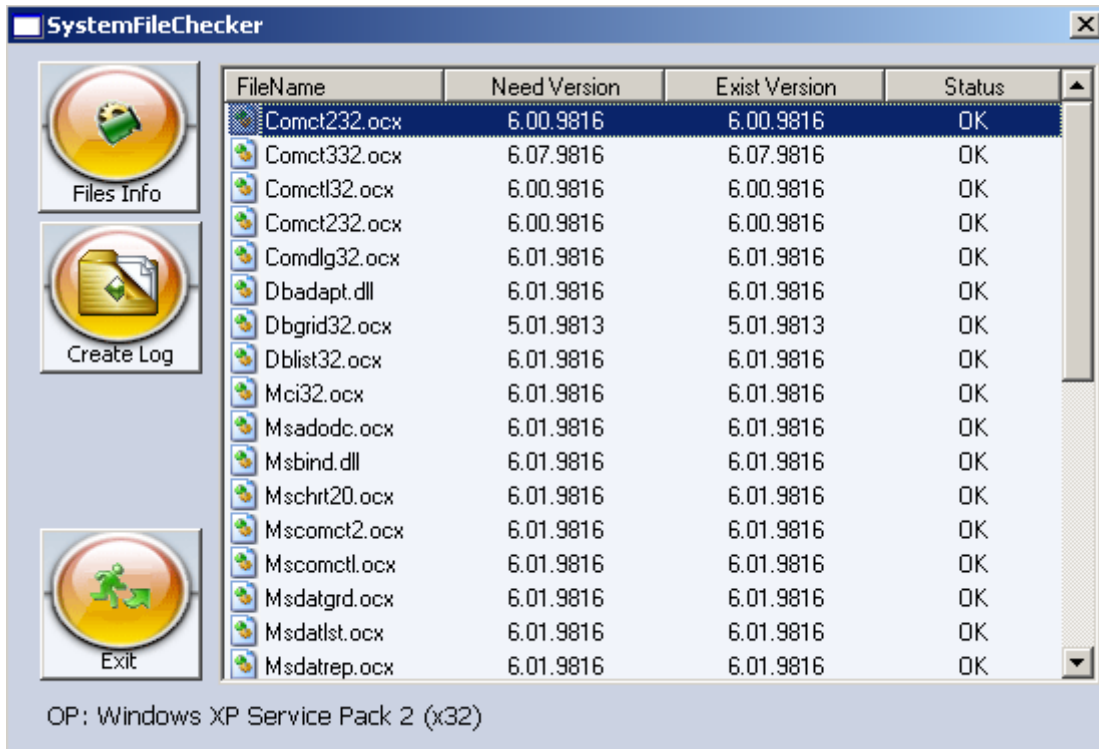
After clicking the *SystemChecker* label, the following warning message may occur:



Just click **Yes** to continue the installation.

Once the installation finished, just run the *SystemChecker* and look on the installed file status, to observe if they are all OK. If not, you may probably have a security issue and you should ask for your IT Administrator help.

The *SystemChecker* window looks as follows:



The file status appears on the right side.

2.2 Installing CXSpectra™

Click on:



Follow the instructions displayed on screen.

If you accept the default location, *CXSpectra™* will be installed on *C:\CXSpectra* directory.



After clicking on the *CXSpectra* label, the *Windows User Account Control* may appear.

Just press **YES**.

When the installation is finished, you must run for the first time your *CXSpectra™* application.

Now, you can also select the software language.

You may use the icon placed onto your desktop. Because the application doesn't find any *HASP Protection Key*, you may run the *CXSpectra™* in *Demo mode*. Just access your application, and then close it.

From now on, the Operating System will know the location where your *CXSpectra™* has been installed.

2.3 Installing the latest Service Pack

The latest available *Service Pack* is always onto the CD-ROM.

Click on:



Follow the instructions displayed on screen.



After clicking the *Service Pack* label, the window *User Account Control* may appear.

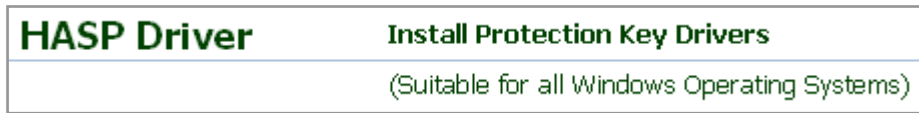
Just press **YES**.

2.4 Installing HASP Drivers



To run normally your *CXSpectra™* application, you need a proper HASP Protection Key, attached in any USB free hub. The Protection key won't be recognized by the Operating System, if the key drivers haven't been installed first.

Click on:



Follow the instructions displayed onto the screen, to complete the installation.

In a few seconds, the HASP Protection key will lit, indicating that the drivers were successfully installed.

For further information about the HASP Protection Key Drivers, please read the *readme.html* file, existing into the *HASP Drivers* folder or visit:

<http://sentinelcustomer.safenet-inc.com/default.aspx>

Please note Sentinel HASP product is now referred to as Sentinel LDK.

When the HASP Drivers have been installed, you may run and use the *CXSpectra™*.

Before starting *CXSpectra™*, you can check if the USB protection key drivers were properly installed, by running the external software: **Start** > **Programs** > **CXSpectra** > **Test Protection Key**.



In Windows 8, all installed applications will appear as follows:



Just click the icon to open the desired application.

The **Test Protection Key** is simple software, used to detect any possible problem of the HASP Protection key. Make sure the protection key is inserted in any USB hub and press the **Test Key** button. If the protection key drivers are properly installed, the key type will be shown. Otherwise, an error message will be displayed on the screen.

If a *CXSpectra™* Key is found, the screen will appear as follows:



CXSpectra™ has associated three types of Protection Keys:

- ✓ User Key (light green)
- ✓ Trial Key (light blue)

The **Trial Key** cannot be used for commercial purposes.

2.5 Configuring the CXSpectra™ software

This step is required only when CXSpectra™ is installed on Windows 7 or Windows 8 Operating Systems.

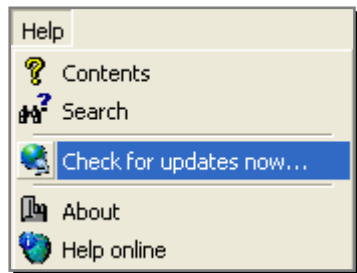


Whenever you will start CXSpectra™ a warning message may appear (depending on Security settings in your computer).

You may disable UAC and the warning message will not appear anymore.

2.6 Updating the CXSpectra™ software

The CXSpectra™ software is equipped with an automatic software update check.



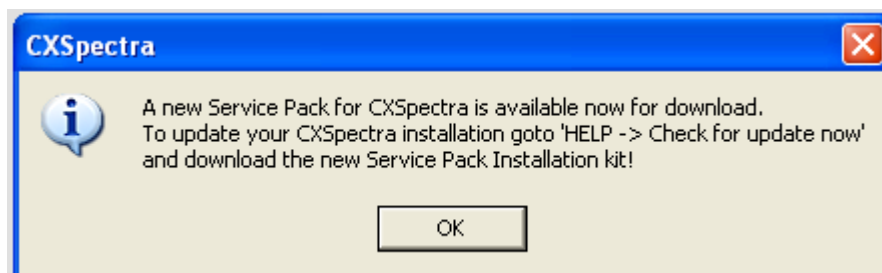
You can easily check if there is any free update available, by selecting:

Help > Check for Updates now... from the menu bar.

An Internet connection is required for this.

If a new update (*Service Pack*) is available, the downloading of the package will begin on your demand. Please, check regularly if a new *Service Pack* is available. The updating of the existing CXSpectra™ is free.

NOTE: If you start CXSpectra™ and you are connected to the Internet and a new *Service Pack* is available, you'll always get the next message box onto the screen:



This is just an announcement. Please, use the above described procedure, to download the newest *Service Pack*.

2.7 Installed applications

By following the above instruction, you will install on your computer the following applications:

- ✓ CXSpectra™ - Analysis and Proactive Maintenance Software
- ✓ GraphViewEditor - This application will allow you to present information from CXSpectra™ in a graphical mode
- ✓ Test Protection Key - A fast way to test the functionality of your HASP protection key.
- ✓ HASPUserSetup - A kit to reinstall the drivers for HASP protection key.

2.8 Protection Key problems

a) The Protection Key LED is not ON

Actions: Re-install the latest drivers from:

<http://sentinelcustomer.safenet-inc.com/sentineldownloads/?s=&c=End+User&p=Sentinel+HASP+HL&o=all&t=all>



Sentinel HASP/LDK Windows GUI Run-time Installer

Download the latest version of the *Sentinel HASP/LDK Windows GUI Run-time Installer*.

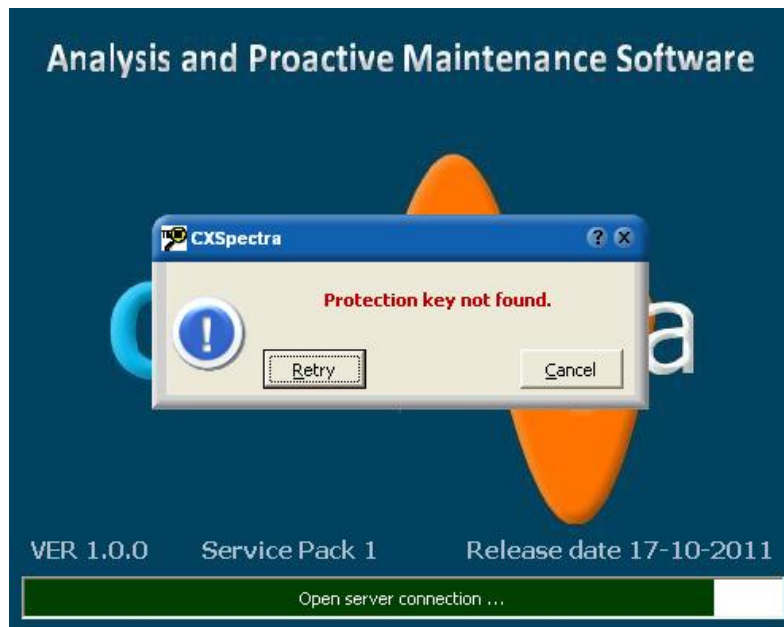
The driver is available in a ZIP format: *Sentinel_LDK_Run-time_setup.zip*
Uncompress the file and run: *HASPUserSetup.exe*.

When the installation was completed, the Protection Key LED must lit (wait a few seconds).

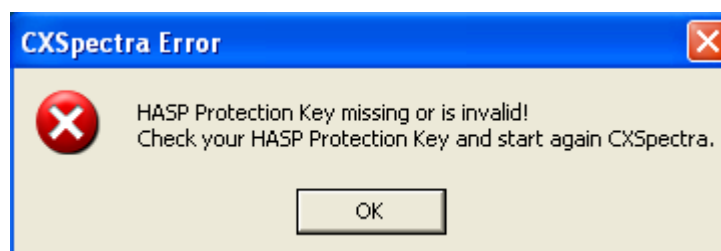
NOTE: Onto the CXSpectra™ Installation CD you will find the latest available version in the *TOOLS\HASPUserSetup* folder.

b) CXSpectra™ doesn't recognize the Protection key

When starting CXSpectra™, the following message appears:



The following message may also appear:





What to do?

Install in your computer the test application: *setup.exe* which is available on the CXSpectra™ Installation CD, under the CXSpectra CD\TOOLS folder.

This application will re-install the communication library between CXSpectra™ and the Protection Key.

The installation will be done in Windows\System32 folder or in Windows\SysWOW64 folder (for X64 systems).

See below the drivers:

| | | | |
|--|--------|-----------------------|-------------------|
|  hasp_com_windows.dll | 284 KB | Application Extension | 1/22/2010 1:53 PM |
|  hasp_windows_68889.dll | 526 KB | Application Extension | 1/22/2010 2:14 PM |

Now, try again to start CXSpectra™.

c) Do you still have problems?

Run the just installed application:



Press **Test key** button:

Various messages may appear on the screen.

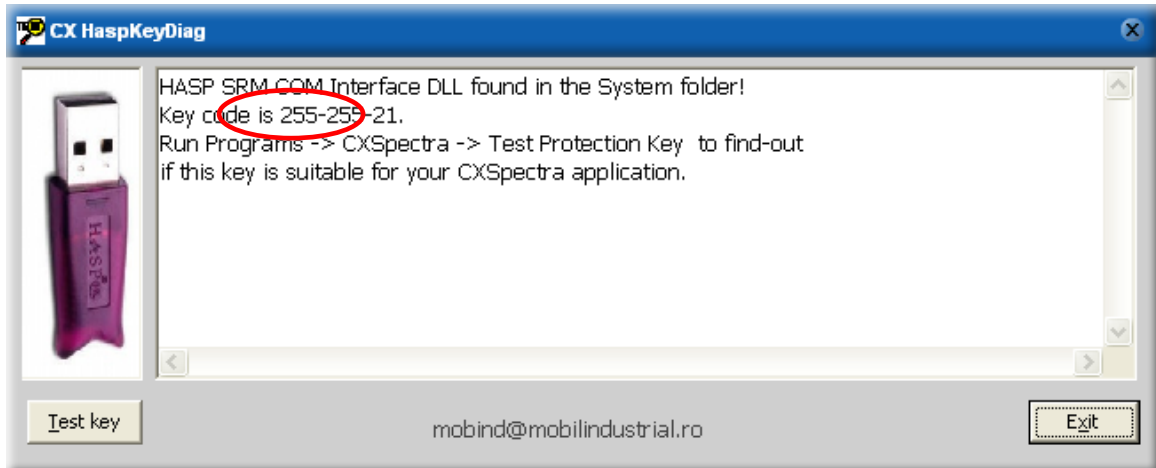
Make a print-shot and send it to **MaintTech**.

You will get a reply about what should be done to fix this issue.

See below a screen-shot which indicates that the communication Libraries is correctly installed, the key exists, but it is not suitable for CXSpectra™ application.



If the Protection Key is **OK**, the following message will appear:



The suitable keys for CXSpectra™ must have one of the following codes:

- 255-255- 20
- 255-255- 21
- 255-255- 22

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