

## New software / firmware release

<b>date:</b>	31/05/2011
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<b>document:</b>	reldoc 8057SW02-2.11 11-05-31EN
<b>subject:</b>	New rel.2.11 of 8057SW02 PC control software for AMB-8057 area monitor family.

<b>Software / firmware product:</b>	<b>8057NSTS Setup 2 11.exe</b>
<b>Description:</b>	<p>The new rel. 2.11 of 8057SW02 control software implements the recently developed "Piggy-back" (dual probe) operating mode. The dual probe operating mode is based on using the HP-1B-01 probe, for low frequency Magnetic field monitoring, which can accept connection to an additional probe among the already available ones, or future models like the Electric Low frequency field probe that will be released soon. Among the multi-band probes already available only the tri-band ones can be used in dual probe mode by providing the Wide result (single wide band measurement up to 3 or 7 GHz depending on the probe model). This new software release is therefore able to manage measurement results coming from both connected probes. All functionalities already implemented by previous sw releases are still available.</p> <p>Besides the already known CSD communication mode, 8057SW02 control software manages the FTP function recently implemented with the area monitor models AMB-8057/02 and AMB-8057/03.</p> <p>All AMB-8057 models can be controlled by the actual SW release which provides two separate but similar sections dedicated respectively to CSD/RS232 communication and FTP. The CSD section allows communication through RS232 cable too which is generally used for first station configuration and, in case of AMB-8057/00 or AMB-8057/01 model, which are not equipped with any modem, for periodic downloading of acquired measurement results.</p> <p>New stations AMB-8057/02 and AMB-8057/03 which allows FTP function can be set to operate in CSD as well as in FTP communication mode.</p> <p>It is easy to define whether FTP mode is already implemented by checking the AMB-8057/02 or AMB-8057/03 station serial number which format is <b>000XY00000</b>. The second digit identifies different hardware versions:</p> <p>2° digit: 0 to 3 → GSM-CSD communication          2° digit: from 4 on → GSM-CSD + FTP communication.</p> <p>Example:          321WKxxxxx → CSD          341WKxxxxx → CSD + FTP          351WKxxxxx → CSD + FTP</p> <p>All AMB-8057 stations can be factory upgraded for FTP communication.</p> <p><b>Brief description of FTP communication mode:</b></p> <p>Instead of the point-to-point GSM communication, typical of the CSD mode, which requires both Controller PC and remote station to be connected at the same time for data exchange, GPRS/FTP offers internet based communication, through the GSM network, which, by means of a user FTP server (<b>with static IP address</b>) always on line, does not require direct communication between controller PC and remote stations.</p>

	<p>The monitoring system overall communication can be therefore considered in two different, separated aspects.</p> <ul style="list-style-type: none"> <li>- Ability of all remote stations to access periodically the FTP server , upload data and download, if any, instructions for new configuration. This function is fully automatic after the system set-up.</li> </ul> <p>Station connection on user demand as well , automatically, on specific conditions like Alarms, are implemented.</p> <ul style="list-style-type: none"> <li>- User access, through the controller PC connected to the internet, to the FTP server to download measurement results and upload, if required, any new configuration file.</li> </ul> <p>User connections can be manual, on operator's request, as well as automatic if desired. No more line or GSM modem is necessary for the controller PC being the FTP communication based on internet access.</p> <p><b>General information:</b></p> <p>All station functionality based on SMS and RS232 communication are supported. No change on communication protocol and commands except some new additional GPRS/FTP dedicated commands. Graphical User Interface and controls layout basically unchanged except adding new section for FTP mode.</p> <p>As a result, our customer are allowed to add FTP stations to existing CSD based monitoring networks with minimum effort as well as upgrading to GPRS/FTP of existing CSD stations can be planned by steps without interrupting monitoring activities.</p> <p><b>All existing AMB-8057 stations can be easily factory upgraded to the new FTP hardware version. Please contact your Narda distributor for detailed information.</b></p>
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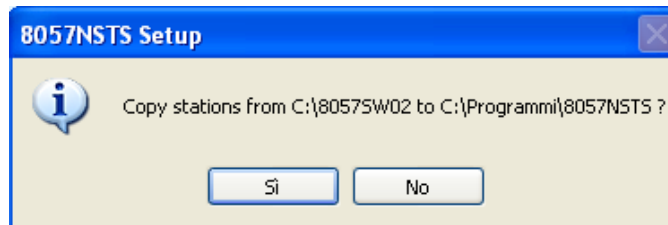
<b>Installation instructions:</b>	<p><b>A back-up copy of important data is always recommended as they could be lost in case of malfunction.</b></p> <p><b>Note: In case of Windows 7 operating system, software installation as well as running 8057SW02 application must be executed as system administrator.</b></p> <p>Unzip and run the <b>8057NSTS Setup 2_11.exe</b> installation program. If no previous release of 8057SW02 control software is already installed, or the earlier 2.05 or later was already installed in the default directory, follow PC screen instruction to complete sw installation. Default installation directory "C:\Programmi\8057NSTS" is recommended.</p> <p>In case a previous release of 8057SW02 control software is already present in your PC, depending on which installation directory was chosen, different steps should be performed to move to the new installation folder old station list as well as stations directories containing historical data.</p>
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**1 – default directory “C:\8057SW02” was accepted:**

This condition can be verified by checking existence of “C:\8057SW02” directory.

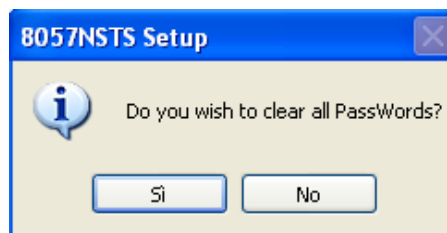
If existing, it contains, among other files, 8057SW02.exe and all directories of your stations.

In case default directory was chosen the new installation program will first ask whether you want to copy all station directories, containing historical data of all your station, to the new installation directory.



Answering “yes” historical data of all station included in your old station list will be accessible to be displayed as graph or table through the “calendar” of the newly installed control software.

Probably you do not wish to clear old “Terminal” and “Setting” passwords:

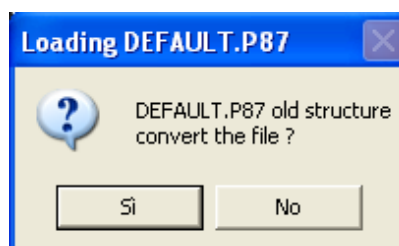


answering “No” old passwords will be maintained.

Answer “Yes” if you don’t remember old passwords. In this case the station list will be cleared too and copied as BACKUP.P55.

As requested restart your PC after installation.


The file named DEFAULT.P87 contains your station list. If, according to the previous steps, the station list of an old installation is maintained the following message will appear the first time you run 8057SW-02 control software:



Answer “Yes” to convert its structure to meet the new release requirements. Refer to AMB-8057 user manual for 8057SW02 operating instructions.

**2 – a different installation directory was selected (default “C:\8057SW02” was not accepted):**

In this case “C:\8057SW02” directory does not exist and therefore the installer cannot copy automatically old station list and directories. Follow PC screen instructions to complete sw installation.

	<p>After installation all station directories can be copied from the old installation directory to the new "C:\Programmi\8057NSTS". The old station list can be maintained too by copying the file DEFAULT.P87 from the old installation directory to the new one. The new DEFAULT.P87 will be replaced.</p> <p>The file named DEFAULT.P87 contains your station list. If, according to the previous steps, the station list of an old installation is maintained the following message will appear the first time you run 8057SW-02 control software:</p>  <p>Answer "Yes" to convert its structure to meet the new release requirements. Refer to AMB-8057 user manual for 8057SW02 operating instructions.</p>
<p><b>Uninstalling 8057SW02(2.11):</b></p>	<p>Uninstall utility is available after installing <b>8057NSTS Setup 2_11.exe</b>. Uninstall does not remove station directories and files containing station list and other information. The folder C:\programmi\8057NSTS can be removed manually but, in this case, <b>historical data (measurement results) of all station will be lost</b>.</p>

<b>History:</b>		<b>description</b>
<b>8057NSTS Setup.exe</b>		Control software installer for AMB-8057 area monitor family.
<b>Rel. 2.11</b>	<b>14/03/2011</b>	<p>Update to install the new 8057NSTS.exe rel. 2.11</p> <p>2.11 release includes update of the following Firmware files:</p> <p>8057G.ROM rel.2.06 dated 30/12/2010 for AMB-8057-03 (CSD+FTP version) 8057G02.ROM rel.2.05 dated 26/10/2010 for AMB-8057-02 (CSD+FTP version)</p> <p><b>Note:</b> the Firmware upgrading function is provided by 8057SW-02 area monitor control software. Depending on the hardware in use, the Firmware file is automatically selected among the ones listed above.</p>
<b>Rel. 2.08</b>	<b>18/01/2011</b>	Update to install the new 8057NSTS.exe rel. 2.08
<b>Rel. 2.06</b>	<b>29/10/2010</b>	Update to install the new 8057NSTS.exe rel. 2.06
<b>Rel. 2.05</b>	<b>13/03/2010</b>	<p><b>First distribution:</b></p> <p>It installs control software 8057NSTS.exe rel. 2.05 dated 13/03/2010.</p> <p>It includes Firmware files for different hardware versions:</p> <p>8057.ROM rel.1.30 dated 28/04/2009 for AMB-8057-03 (CSD version). 8057G.ROM rel.2.04 dated 12/03/2010 for AMB-8057-03 (CSD+FTP version). 8057-02.ROM rel.1.30 dated 04/05/2009 for AMB-8057-02 (CSD version). 8057G-02.ROM rel.2.01 dated 09/12/2009 for AMB-8057-02 (CSD+FTP version).</p> <p><b>Note:</b> the Firmware upgrading function is provided by 8057SW-02 area monitor control software. Depending on the hardware in use, the Firmware file is automatically selected among the ones listed above.</p>

<b>8057NSTS.exe</b>		It runs AMB-8057 area monitor 8057SW-02 control software.
<b>Rel. 2.11</b>	<b>14/03/2011</b>	- "Piggy-back" (dual probe) operating mode has been implemented - Minor bugs have been fixed
<b>Rel. 2.08</b>	<b>18/01/2011</b>	- Implemented compatibility of additional "data" formats.
<b>Rel. 2.06</b>	<b>29/10/2010</b>	- Compatibility with Windows 7 operating system has been implemented - A bug which did not allow management of more than 32 station, in CSD mode, has been fixed. - Minor bugs fixed
<b>Rel. 2.05</b>	<b>13/03/2010</b>	Improvements from the previous release:  - upgraded to VB6 - added new section for GPRS/FTP communication mode - improved graphical user interface - minor bugs fixed
<b>Rel. 1.21</b>	<b>29/05/2009</b>	- AutoBMP feature has been added: besides creating txt files of downloaded or exported data, a graph, in .bmp format, related to the same time period, is created by adding "/AUTOBMP" to the command line.
<b>Rel. 1.19</b>	<b>21/02/2007</b>	- Fixed download on records logged at 15 min rate
<b>Rel. 1.18</b>	<b>12/2006</b>	- New company logo
<b>8057G.ROM</b>		Firmware file for AMB-8057-03 with hardware version for FTP and CSD communication modes.
<b>Rel. 2.06</b>	<b>30/12/2010</b>	"Piggy-back" (dual probe) operating mode has been implemented
<b>Rel. 2.04</b>	<b>12/03/2010</b>	First release. - it supports GPRS/FTP as well as CSD communication modes
<b>8057.ROM</b>		Firmware file for AMB-8057-03 with hardware version for CSD communication mode.
<b>Rel. 1.30</b>	<b>28/04/2009</b>	Upgraded to support new station modem
<b>Rel. 1.29</b>	<b>06/04/2009</b>	Upgraded to support new station memories
<b>Rel. 1.28</b>	<b>17/10/2008</b>	Minor bugs fixed
<b>8057G-02.ROM</b>		Firmware file for AMB-8057-02 with hardware version for FTP and CSD communication modes.
<b>Rel. 2.05</b>	<b>26/10/2010</b>	Upgraded to support new Siemens modem Modem stand-by at 11:00 in case of no settings has been implemented Minor bugs related to FTP communication mode have been fixed
<b>Rel. 2.01</b>	<b>09/12/2009</b>	First release. - it supports GPRS/FTP as well as CSD communication modes
<b>8057-02.ROM</b>		Firmware file for AMB-8057-02 with hardware version for CSD communication mode.
<b>Rel. 1.30</b>	<b>04/05/2009</b>	Upgraded to support new station modem
<b>Rel. 1.29</b>	<b>03/2009</b>	Upgraded to support new station memories
<b>Rel. 1.28</b>	<b>10/2008</b>	Minor bug fixed