

Installation guide

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DOCUMENT CHANGE RECORD

The following table records the complete history of the successive editions of the present document.

EDITION	DATE	REASON FOR CHANGE	SECTIONS PAGES AFFECTED
1.0	07/08/07	New document for RASS-R 3.2.0	All
1.1	19/09/07	Installation of patches	3.4
1.2	20/11/07	Minor changes	All
1.3	30/04/08	Updated to new installation procedures according to RASS-R 3.3.0	All
1.4	01/09/08	Updated to RASS-R 3.4.0 New in this version is the installation of the Intersoft Electronics Proxy	All
7	28/10/09	New filename; Updated to RASS-R 3.5.0; Important note added for MRD3	Section 3.5.
8	05/11/10	Updated to RASS-R 3.6.0; Important note added for installation, chapter 1; Information added about prerequisites and post installs, chapter 1; Important note added in 16 Modify, repair or remove an installation	8, 9, 25
9	31/05/13	Updated to RASS-R 3.7.0; Figure 3-26 added; Section 3.14 added; Figure 4-1 updated to Windows 7; Comment updated about license request files in paragraph 5.2	23,25,28,9
10	05/07/13	Compatible with RASS-R 3.7.1 Heading 6	30
11	22/12/16	Add section for 64bit installation of release 3.7.1	24
12	05/12/17	Updated for RASS-R release 3.8.1. Sections are removed, renamed and updated	All



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CONVENTIONS USED IN THIS MANUAL

The following conventions are used in this manual:

and the

Note: This icon to the left of bold italicized text denotes a note, which alerts you to important information.



Caution: This icon to the left of bold italicized text denotes a caution, which alerts you to the possibility of data loss or a system crash.



Warning: This icon to the left of bold italicized text denotes a warning, which alerts you to the possibility of damage to you or your equipment



1. Prerequisites of the operating system

Make sure that the firewall of the PC is turned off, since the RASS-R makes use of a lot of socket connections (TCP/UDP).

Make sure that the regional settings are as follows for correct time representation in different RASS-R modules:

Regional and Language Options	Regional and Language Options
Regional Options Languages Advanced Standards and formats This option affects how some programs format numbers, currencies, dates, and time. Select an item to match its preferences, or click Customize to choose your own formats: English (United Kingdom) Customize Samoles	Regional Options Languages Advanced Language for non-Unicode programs This system setting enables non-Unicode programs to display menus and dialogs in their native language. It does not affect Unicode programs, but it does apply to all users of this computer. Select a language to match the language version of the non-Unicode programs you want to use: English (United States)
Number: 123,456,789.00 Currency: £123,456,789.00 Time: 16:01:20 Short date: 21/08/2007 Long date: 21 August 2007	Code page conversion tables ✓ 10000 (MAC - Roman) □ 10001 (MAC - Japanese) □ 10002 (MAC - Traditional Chinese Big5) □ 10003 (MAC - Korean) ✓ 10004 (MAC - Arabic)
Location To help services provide you with local information, such as news and weather, select your present location: Belgium OK Cancel Apply	Image: Without the settings Image: Without the settings Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account and to the default user profile Image: Without the settings to the current user account a

Figure 1-1: Regional settings

Don't forget to apply the settings to the user accounts as in the right image.

Before you start the installation of a new RASS-R (see chapter 2), make sure you uninstall the previous RASS-R version. Otherwise, for every installation, you will end up with "Modify, repair or remove an installation".



and the

Windows 7 users have to install the following mandatory Windows updates: windows6.1-KB976932, Windows6.1-kb3125574-v4, Windows6.1-KB3020369. All these updates have a 32 and 64bit version and can be found on the Windows website.



2. General installer

1. Choose prerequisites and products

When the general installer is loaded, it will open the following dialog. When the installation is performed on a clean system, the installer will prompt the user for an installation location. By default the installer proposed the "C:\INTERSOFT" directory.



Figure 2-1: RASS-R Setup Wizard



First of all, the user needs to accept the end user agreements after the agreements an overview of all individual tools is presented that can be installed. The user can select the applications he wants to install:



Figure 2-1: End-User License Agreement



lect Components Which components should be installed?	
Select the components you want to install; clear th install. Click Next when you are ready to continue.	
Full Installation	•
RASS-R Toolbox	14,0 MB 🔺
Multi Radar Display	267,2 MB
BIFi plugin for MRD	9,7 MB
- Micro Table plugin for MRD	10,0 MB
QNH plugin for MRD	9,7 MB
Radar Comparator Mono	147,4 MB
🛄 📝 Demo Data for Radar Comparator	
Radar Comparator Dual	146,4 MB
Data Handling Module (DHM)	1.321.9 MB
Current selection requires at least 1.732,8 MB of d	isk space.

Figure 2-2: All applications selected

Setup - RASS-R	
Select Components Which components should be installed?	
Select the components you want to install; clear the co install. Click Next when you are ready to continue.	mponents you do not want to
Typical Installation	•
RASS-R Toolbox	14,0 MB 🔺
Multi Radar Display	238,0 MB
BIFi plugin for MRD	9,7 MB
Micro Table plugin for MRD	10,0 MB
QNH plugin for MRD	9,7 MB
Radar Comparator Mono	147,4 MB
Demo Data for Radar Comparator	
Radar Comparator Dual	146,4 MB
Data Handling Module (DHM)	1.321.9 MB

Figure 2-3: Not all applications selected



The user can choose to create application shortcuts and install the license files during the app installation.

j 🕄 Setup - RASS-R	
Select Additional Tasks Which additional tasks should be performed?	3
Select the additional tasks you would like Setup to perform while installing RASS-R, then click Next. Create Desktop Shortcuts Create Start Menu Shortcuts Install License Files	
< <u>B</u> ack <u>N</u> ext > Cancel	

Figure 2-4: Create app shortcuts

Then press the "Install" button to start the installation.

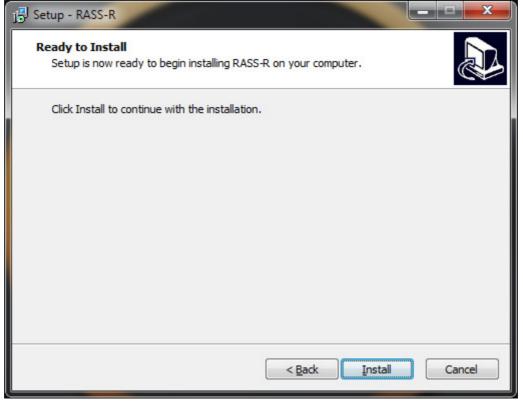


Figure 2-2: Selected components Install



2. Prerequisites installation (example DirectX)

As an example of a prerequisite installation, we describe the DirectX installation (which is necessary to run the MRD3.) All prerequisites are installed automatically.

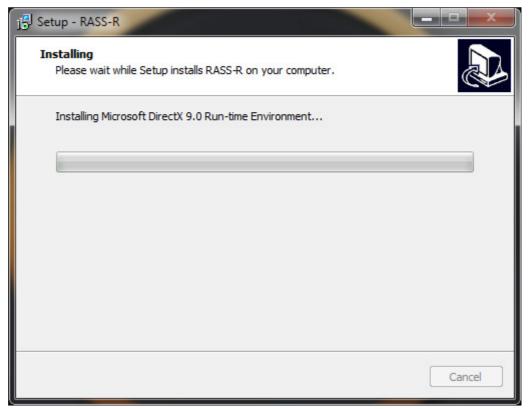


Figure 2-3: 2.2Prerequisites installation

Remark: there is currently a limitation in the DirectX: during a next install, it will suggest to install this prerequisite again because it cannot correctly detect that the DirectX was already installed on the computer or not.



3. Application installation

The selected applications will be installed on the specified disk location. For example: "D:\INTERSOFT".

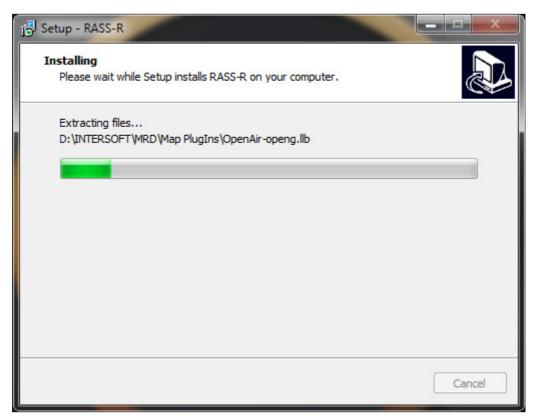


Figure 2-4: Application installation



4. License installation

The latest RASS-R release works with a license dongle and accompanied license file. During the installation the installer will request for the license file, which will be provided by Intersoft Electronics. Use the "Add License" button to import the provided license file.

j Setup - RASS-R	
RASS-R License File Currently installed RASS-R license files.	3
The following valid license files have been found on the system.	
RASS-M GYRO-INCLINO ANALYSIS {4dedb60c-d0a0-40b4-8e73-c7297bf34548} RASS-M VIEW VIDEO RECORDING {4dedb60c-d0a0-40b4-8e73-c7297bf34548} RASS-M HPD EXTRACTOR {4dedb60c-d0a0-40b4-8e73-c7297bf34548} RASS-M VIEW HPD {4dedb60c-d0a0-40b4-8e73-c7297bf34548} RASS-M SOLAR EXTRACTOR {4dedb60c-d0a0-40b4-8e73-c7297bf34548} RASS-M VIEW VPD {4dedb60c-d0a0-40b4-8e73-c7297bf34548} RASS-M VIEW VPD {4dedb60c-d0a0-40b4-8e73-c7297bf34548} RASS-M VIEW VIDEO RECORDING {4dedb60c-d0a0-40b4-8e73-c7297bf34548} MRD3 WARRANTY {8f70539a-4117-4e78-897a-4709dc8f7a73} DHM2 WARRANTY {8f70539a-4117-4e78-897a-4709dc8f7a73} CMC VIEWED 1 WADD ANTY /8f70530a-4117-4e78-897a-4709dc8f7a73}	
Click the Add License button to add new licenses, click Next to continue.	
Next >	

Figure 2-5: License installation



5. Installation Completion

At the end of the installation procedure the user will get the request to restart the PC.

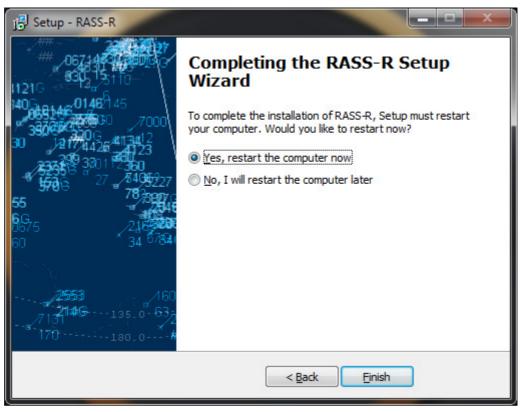


Figure 2-5: Installation Completion



6. Modify, repair or remove an installation

When the installation of one of the RASS-R items is already done, you can change the RASS-R features on your computer or even remove the RASS-R items. This can be initiated by loading the general installer again.

Removing the RASS-R applications can be performed using the start windows "remove programs" functionality.

3. Manuals

Upon completion, the user manuals are located in the installed application directory. The manuals are located next to the applications executable. The user can always keep them up to date by checking our ftp-server or website regularly!



4. Registration of licenses

7. General

Initially all the selected RASS-R modules are installed and can be used with full functionality. Because the RASS-R software is a modular product you need to register the purchased modules in order to operate the applications, without they will close again.

8. Registration procedure

Prerequisites (delivered by Intersoft Electronics):

- 1. USB license dongle: This will be provided by Intersoft Electronics
- 2. License file: will, like the license dongle, be provided by Intersoft Electronics.

During the application installation, the installer will prompt the user for license files, use the "Add License" button to add license files (section 4). It is also possible to perform the license installation manually. To activate the license, please follow these instructions:

- 1. Make sure the version of the installed RASS-R software is 3.8.1 or higher.
- 2. The license files are packed in a .piz package. Copy this package to you desktop.
- 3. Right click and choose 'Rename'. Change the file type from .piz to .zip.
- 4. Unpack the zip file (2x .lic and 2x .lic.sig)
- 5. Copy these extracted files to the following location on your workstation :

X:\INTERSOFT\DHMII_Server_Environment\licenses (with 'X' the drive letter of the disk you installed your RASS-R software (standard D-drive))

6. Reboot the system and make sure the license dongle is plugged in to your workstation.

