

RASS-S installation Guide

How to install RASS-S7



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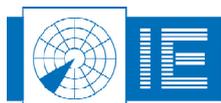


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1. INTRODUCTION

This document describes the steps required to install RASS-S v 7.0.5.x

1.1. General information

RASS-S v 7 is a software and hardware system designed to test radar systems. The RASS-S licence is granted based on purchased RASS-S hardware and/or included in a maintenance contract on purchased RASS-S hardware. The customer is entitled to install the software on maximum 2 separate computers, typically one of them will be a laptop system and one will be a desktop system. The laptop will be used to do field work, and run the equipment in real time. The desktop can be used for preparation work on the engineer's workplace.

Please make sure the installation is performed using an XP or win7 administrator account!

RASS-S will run on Windows XP professional SP3 and

Windows 7 professional , 32 bit mode!

It will NOT run on VISTA or Win7 64 bits!

1.2. Installation contents

The installation of RASS-S typically contains a number of installers, that are combined into one combined installation.

Following items will be installed on your C: (or D:) drive:

- RASS-S7 software
- RASS-S7 User manual
- RASS-S7 Calibration data

- RASS-S7 latest patch data

- Labview v7 Runtime environment

Following items will be installed in your "programs" folder on your C: drive:

-RASS-M tools:

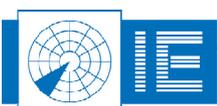
- DRFA912 Scope
- TTB Scope
- RASS-M Solar extractor
- RASS-M Sectorial Recorder
- RASS-M DRFA Scope
- RASS-M Sectorial Extractor
- RASS-M Sectorial Viewer
- RASS-M PSR Viewer

-Intersoft Electronics Proxy

2. RETRIEVING THE LATEST VERSION OF RASS-S

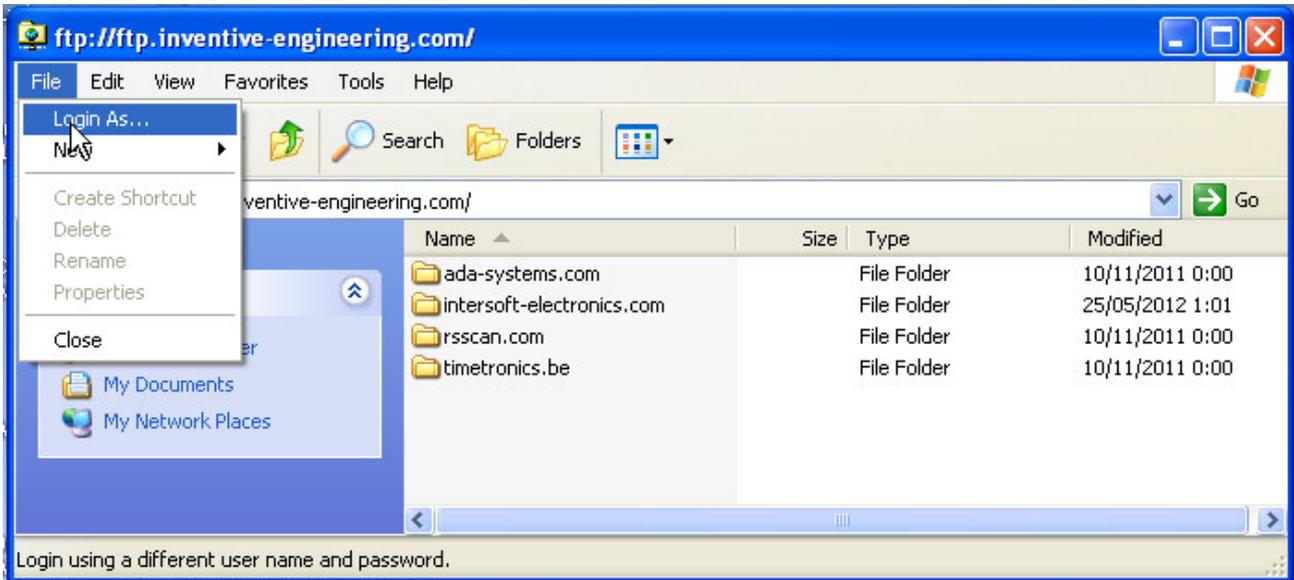
You can receive the latest version RASS-S free of charge in case you have purchased the RASS-S in the last year, or purchased a running maintenance contract at any time prior to expiration of the Maintenance contract.

You can receive RASS-S on a DVD (hardcopy) upon simple request to support@intersoft-electronics.com Shipping is always at charge of the customer.

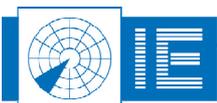


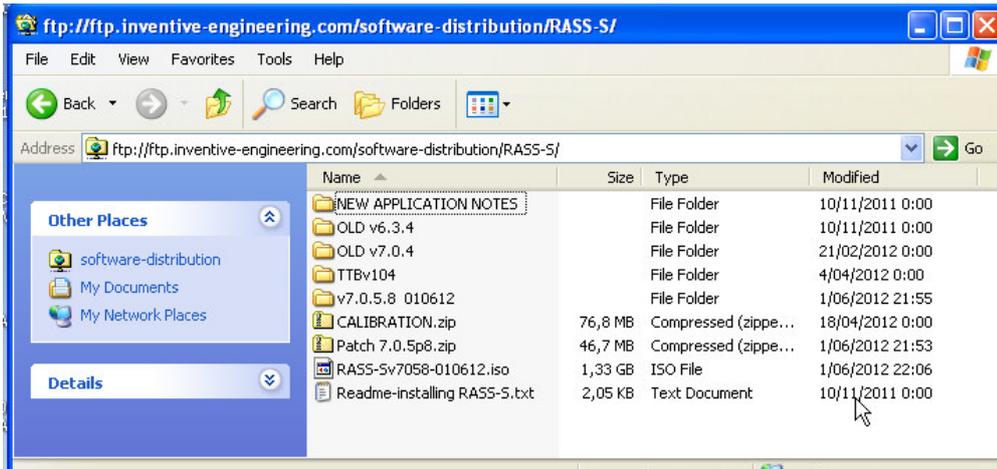
Alternatively, you can request an ftp access point to our servers, and download the latest release from the ftp server. **Typically, only ONE password and login name is assigned per customer or division.** The login is the email address of the POC person.

You can access the ftp site on <ftp://ftp.inventive-engineering.com> , by typing in this address in your windows explorer:



Once logged in, please navigate to \Software distribution\RASS-S





And download either the full 1.3 GB iso file (this is a disk image that you can burn to a DVD) or download the *RASS-S installer folder* to your computer.

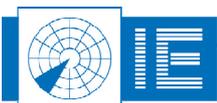
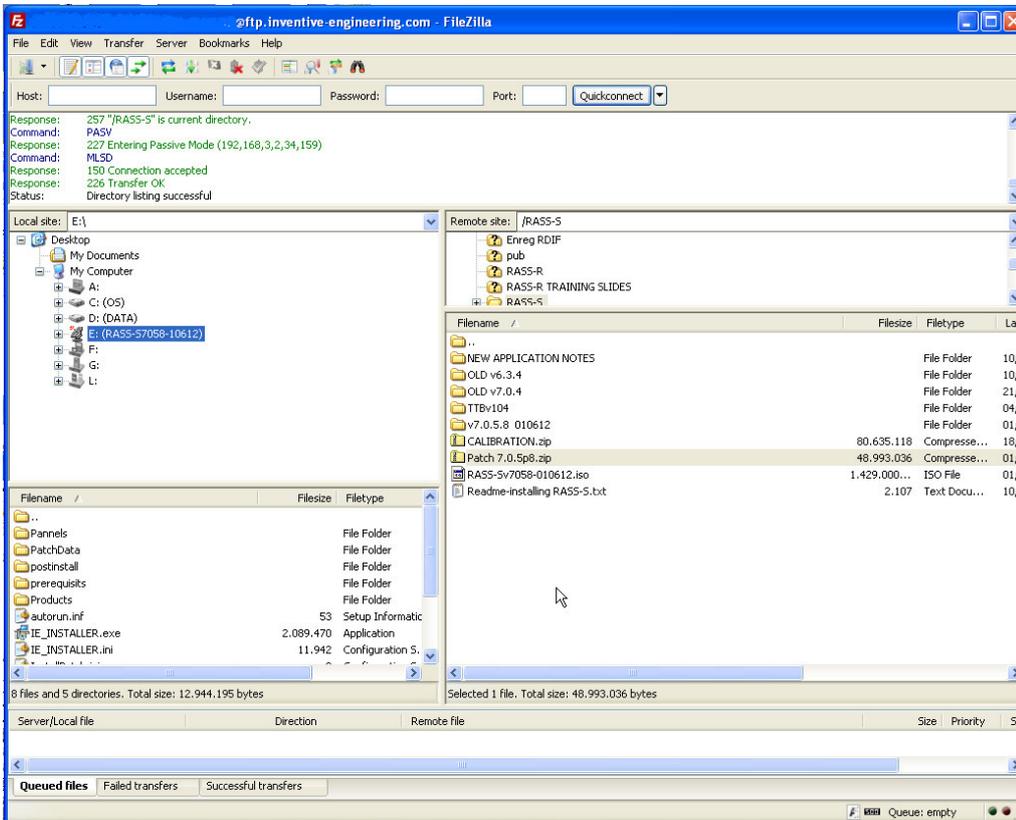
Iso file: **RASS-Sv7058-010612.iso** (example)

Installer folder is **RASS v7.0.5.8 010612** folder (example)

Use Nero or other DVD burning utility to burn the iso file to a DVD, or copy the installation folder to your C: drive (desktop).

Note: The installer will NOT install in the correct location if it is copied onto a USB stick or external HD. You have to copy it to your C: or D: drive! It will also run directly of a DVD, but not from a writable disk.

Alternatively, we recommend to use the "Filezila" freeware application to download the installer or patch data from the ftp site:



3. INSTALLATION

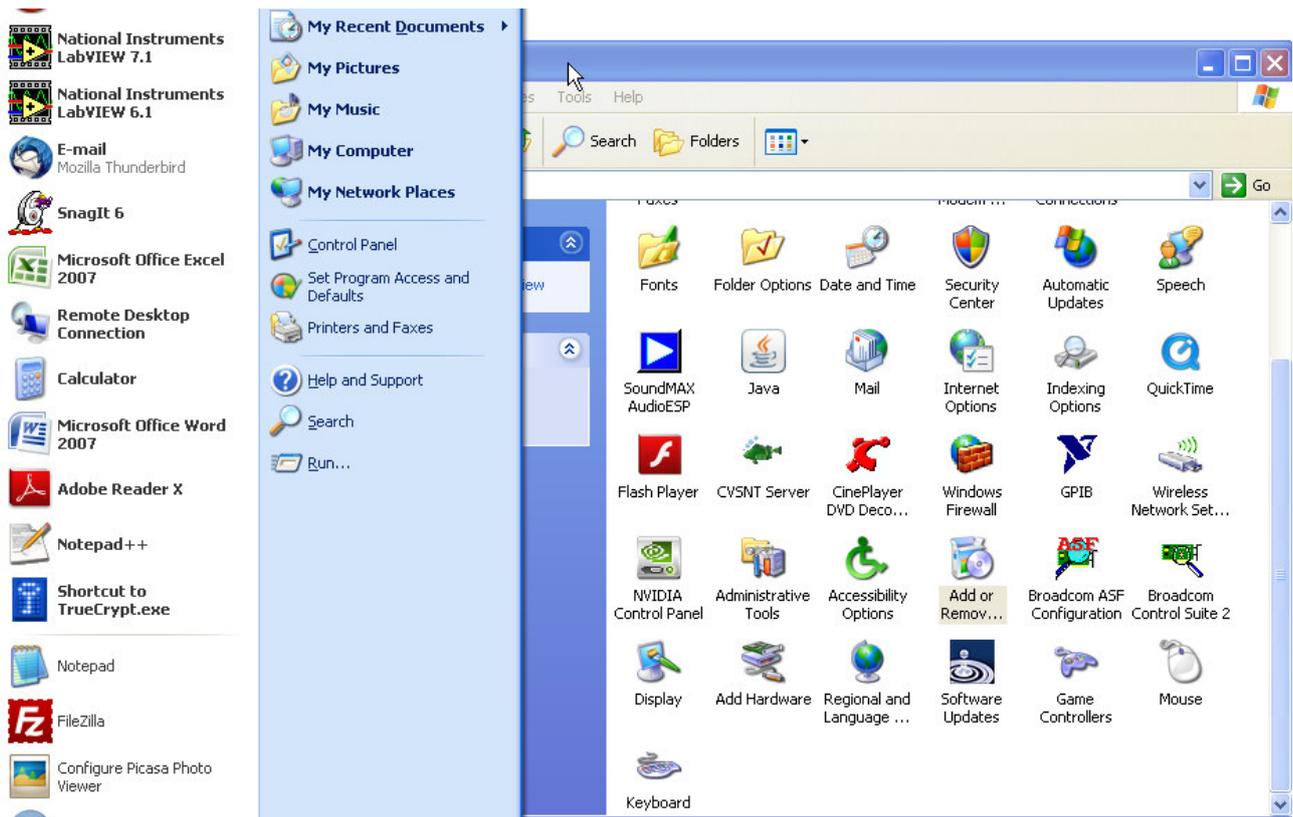
If you have a virgin system, that has never had any RASS-S installed on it, proceed directly to step 3.2.

If you have a system with an older version of RASS-S installed, proceed with step 3.1.

3.1. Upgrading from previous version 7.0.x

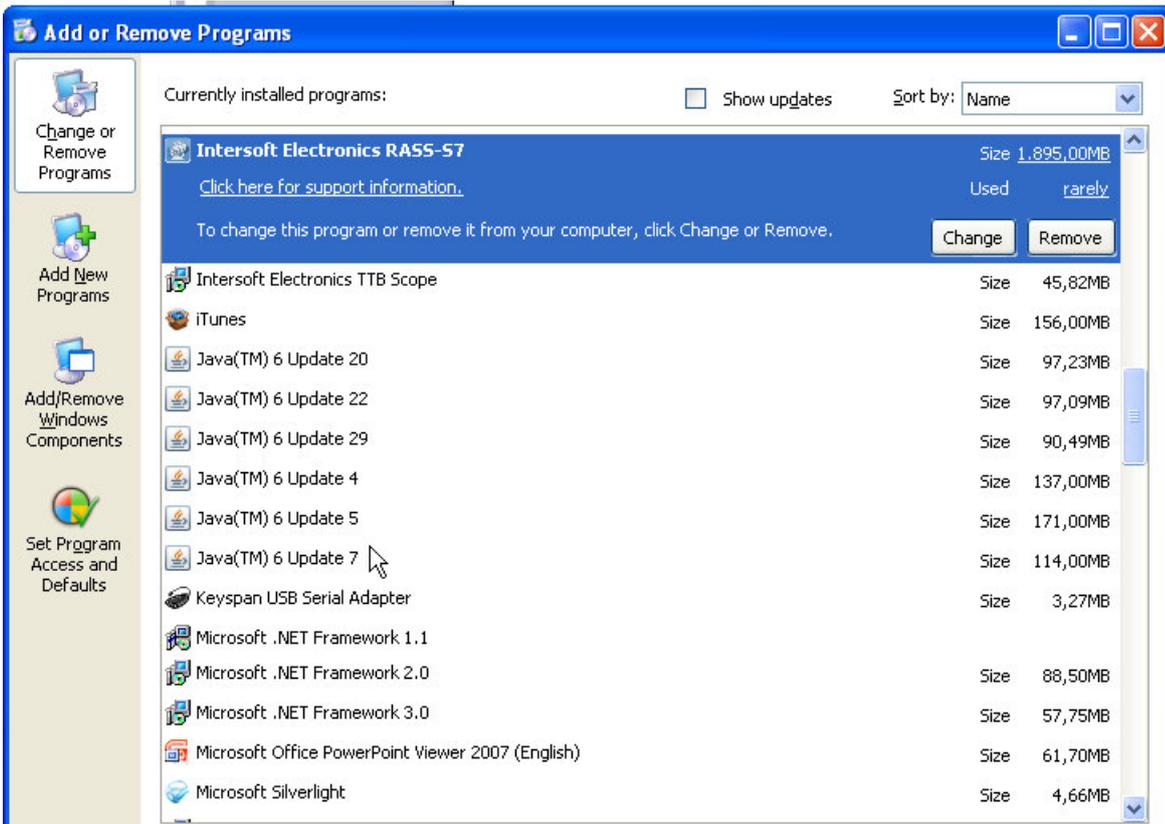
If you find an older RASS-S7 software on your computer, you need to remove it first, if it is version 7.0.x. Version 6.x of RASS-S can remain present on the computer, or can be removed.

To remove RASS-S, load the “Add or remove programs” control panel of windows:

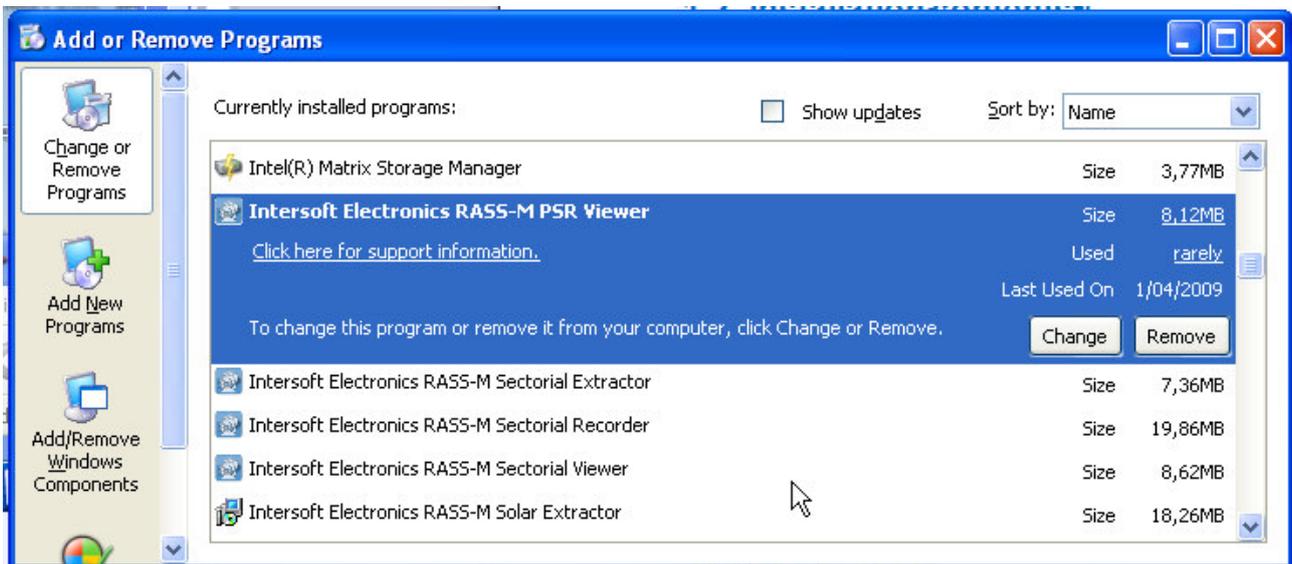


Then select “Intersoft Electronics RASS-S7” and click Remove.





-If you want to uninstall other modules, like the different RASS-M tools , repeat the procedure for these tools.



-If you want to uninstall the calibration files, repeat the step for the RASS-S calibration files. If you want to keep your Calibration folder data, now is the time to remove them from the old RASS-S7 folder and backup them on your desktop. The best solution is always to locate the latest version of the calibration files on the CD delivered with your equipment upon delivery, or download it from the ftp server.

-Now check your harddisk where RASS-S was installed. This can be C: or D: drive. The folder RASS-S7 should be removed or emptied by the above process, the folder :CAMPAIGN-S6 should be untouched.



-Uninstalling RASS-S will NEVER remove your recorded data if it is stored in CAMPAIGN-S6.

Remark: although this is RASS-S7, a CAMPAIGN S7 folder does NOT exist!

-If the RASS-S7 folder is still present on your Harddisk, this could indicate that you have installed patches on this previous version, that can not be removed automatically.

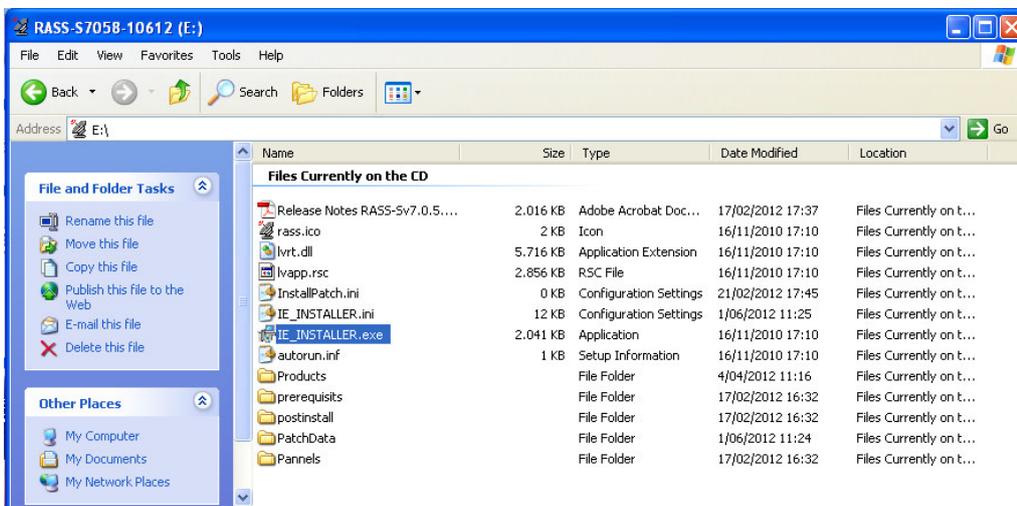
Delete the “RASS-S7” folder manually from your HD.

It is important before to proceed with installation that neither your C: or D: disk contains a folder named “RASS-S7” anymore!!

3.2. New system installation

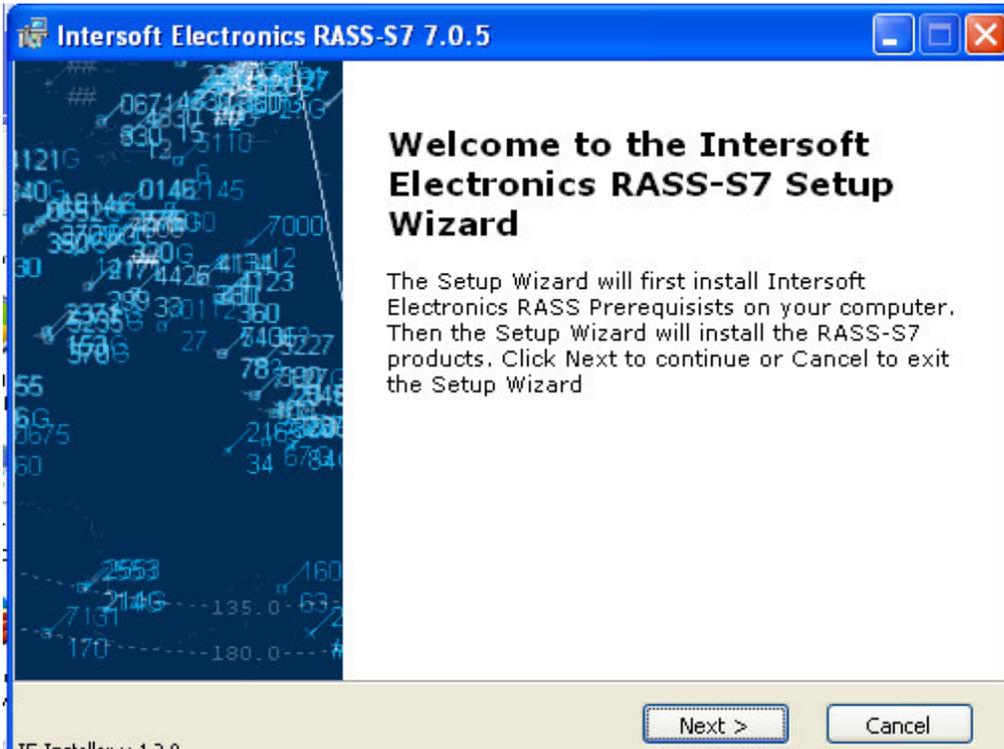
Insert the DVD into your optical drive, and open the DVD, or alternatively, open the Installation folder that was downloaded from the ftp site.

In there you will find a file called “IE Installer.exe” Double click it.



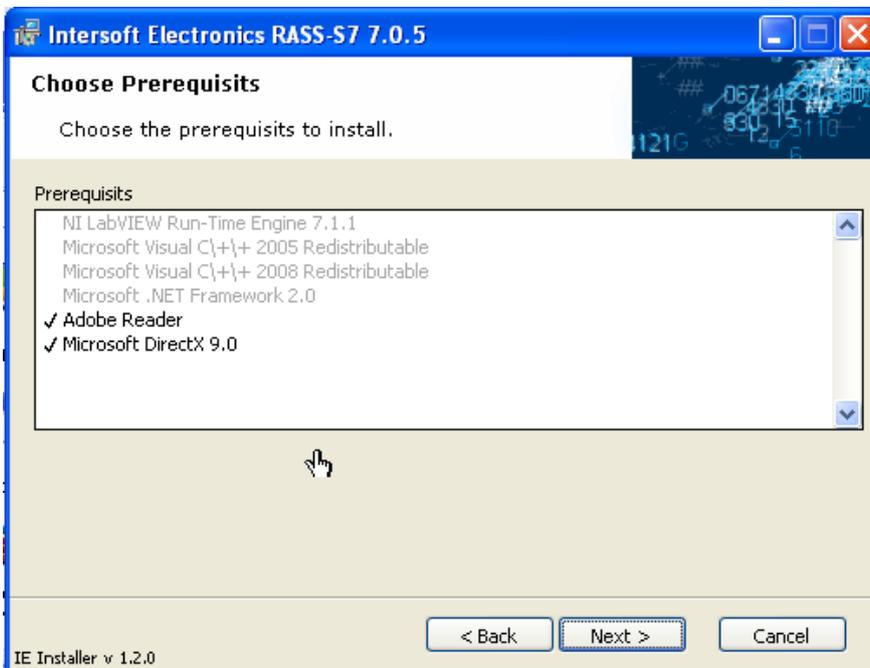
Click “next “ on the following window:





The installer will now verify your computer for a number of prerequisite tools, and install them if necessary: The ones that are already installed will be greyed out:

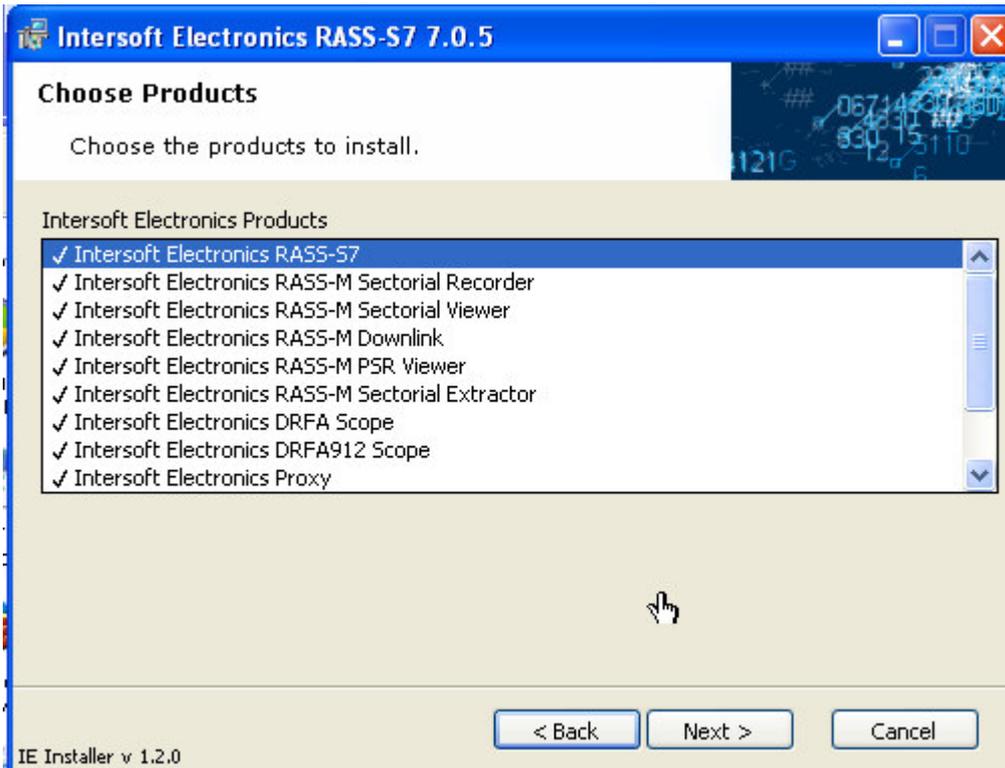
- Labview Runtime
- Microsoft visual C++ 2005 and 2008 redistributable
- Microsoft .NET Framework 2.0
- Adobe Reader
- Microsoft DirectX 9.0



Click Next to install them.

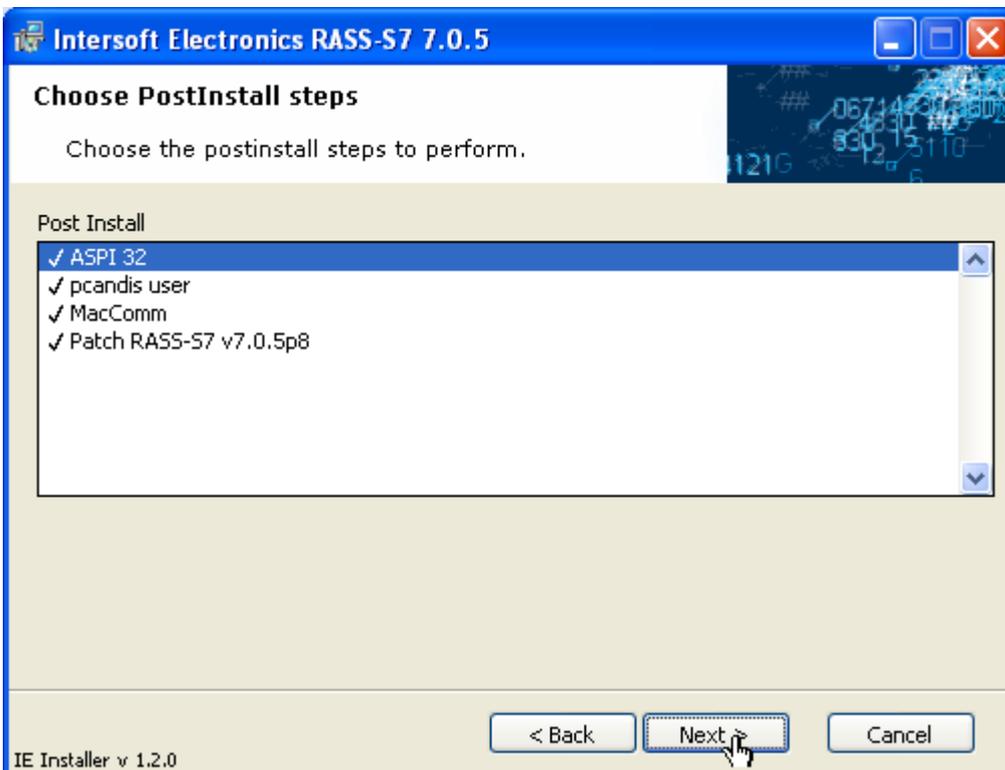


Next, select the RASS tools you wish to install:



By default, all are checked and should be installed.

Also select the "post Install" steps:



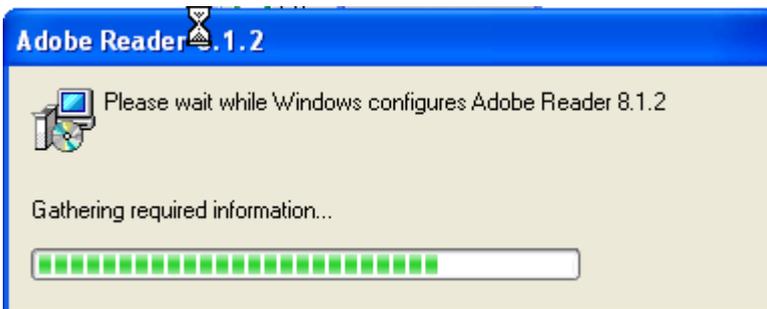
Click Next to proceed.





Installation will now begin:

First Adobe reader will be installed (if not yet found on your PC)

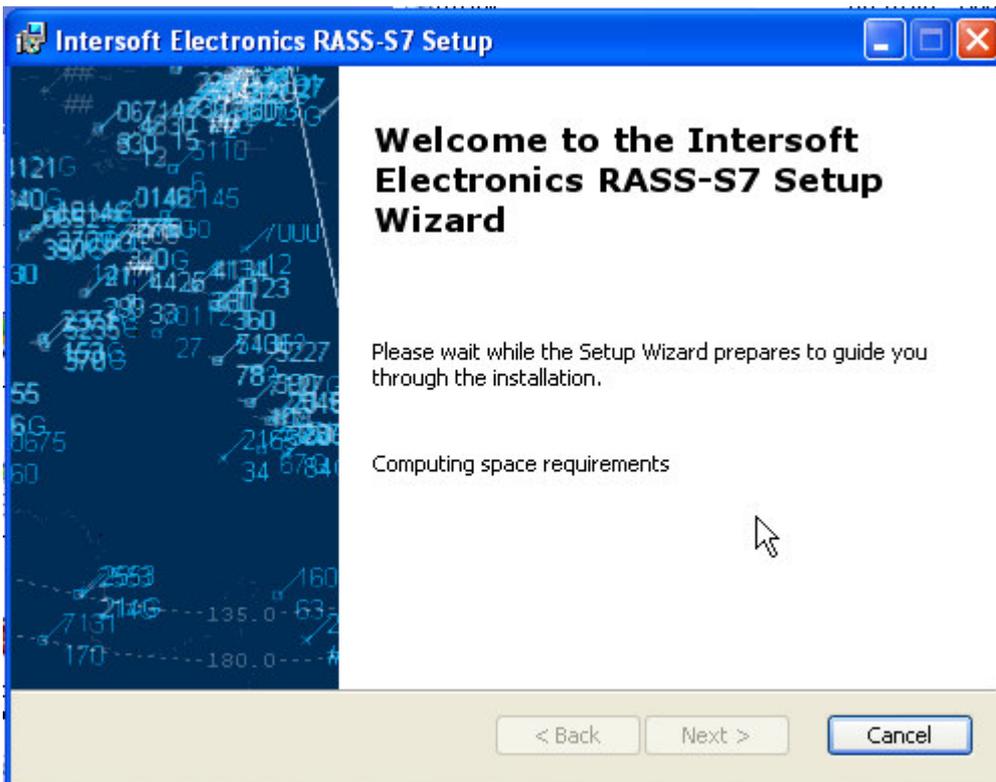


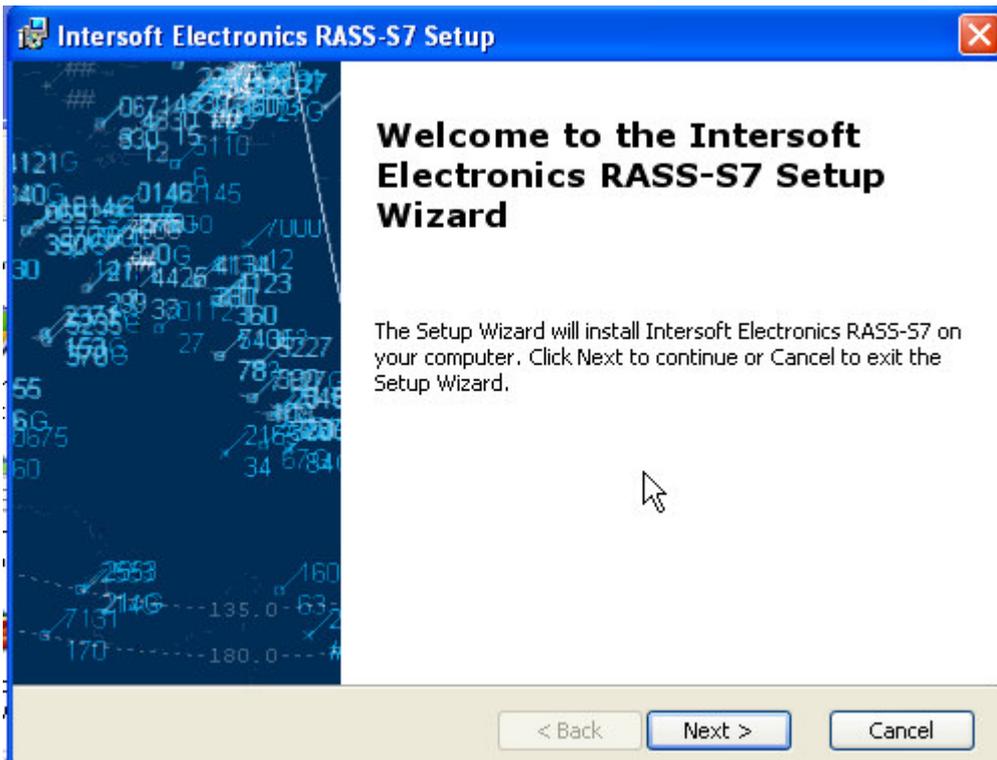
Next Direct X drivers will be installed:





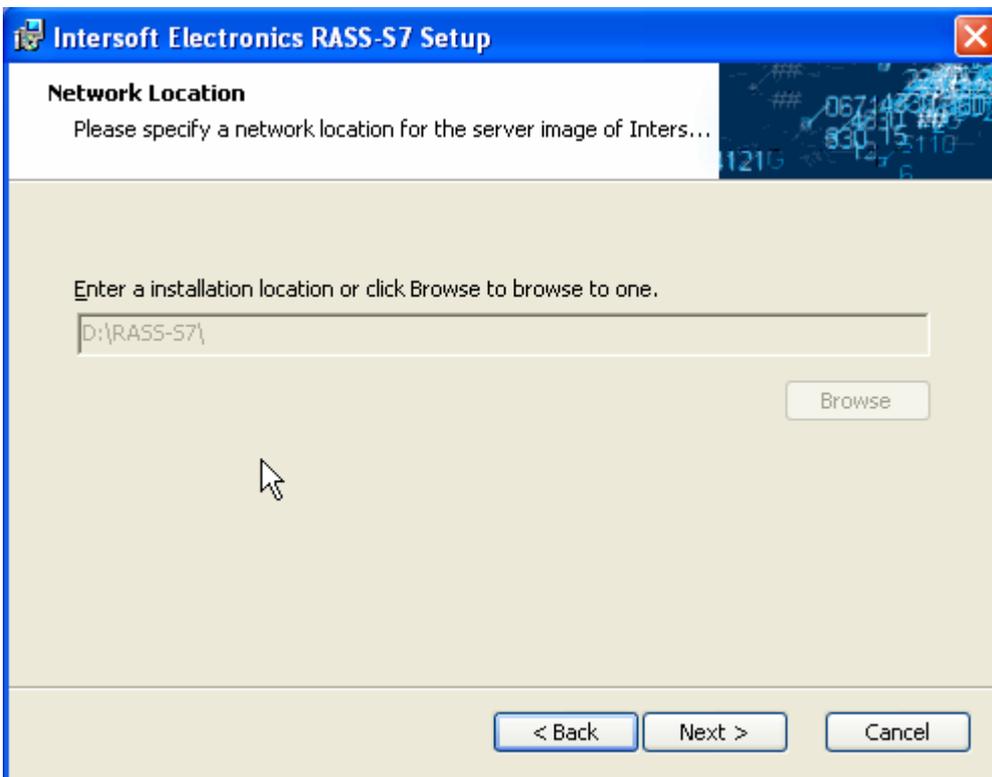
Select "I accept the agreement" to proceed; click 2 x Next> . And Finish





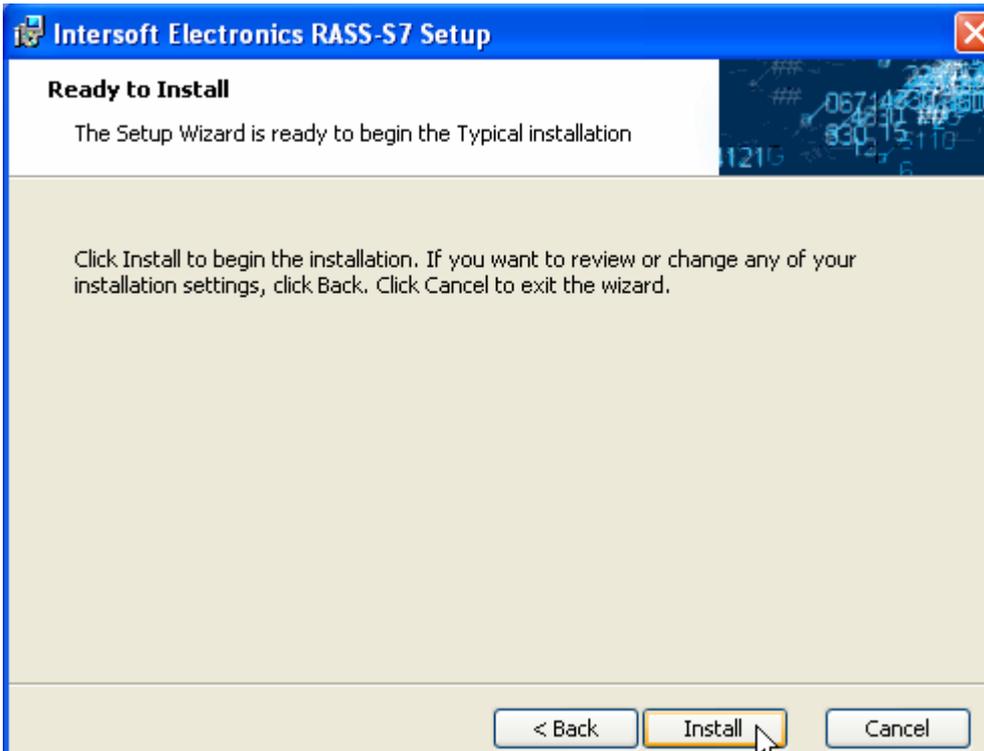
Click Next to install RASS-S7

RASS-S will be installed on the D: drive if it is available, if not, it will be installed on the C: drive.

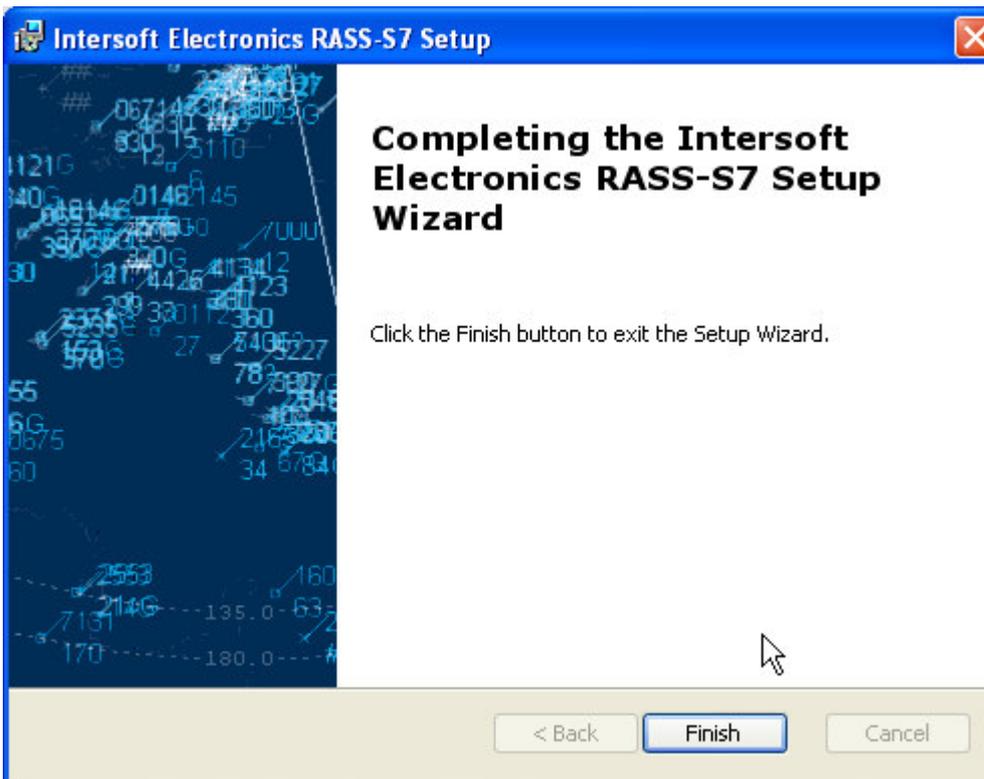


Do not browse the location manually, since RASS-S will not work If it is not installed on the root of C: or D: .





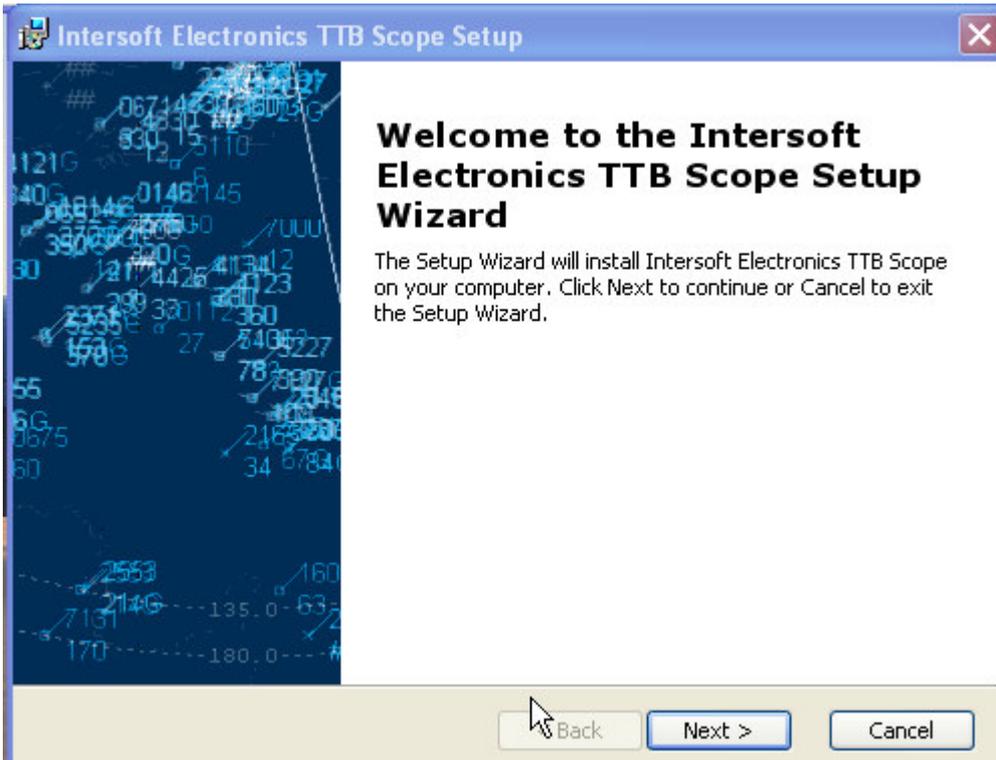
The install may take several minutes!



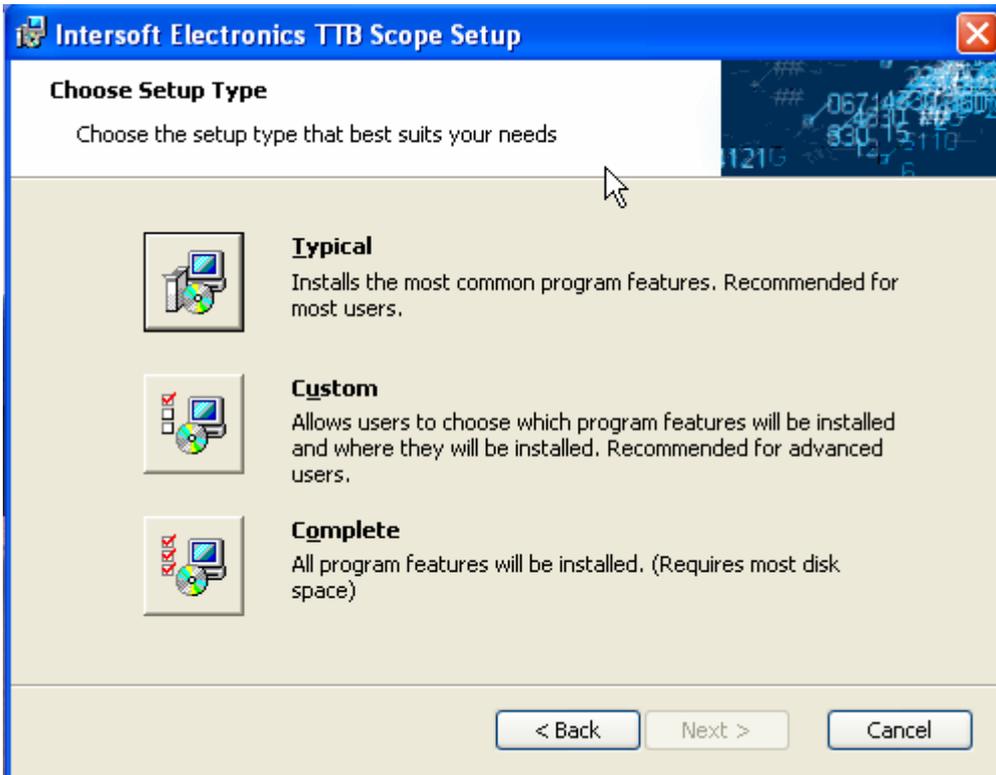
Click Finish to complete.

Next, some other installers will run, installing the RASS-M tools which are much smaller in size than the RASS-S tool.



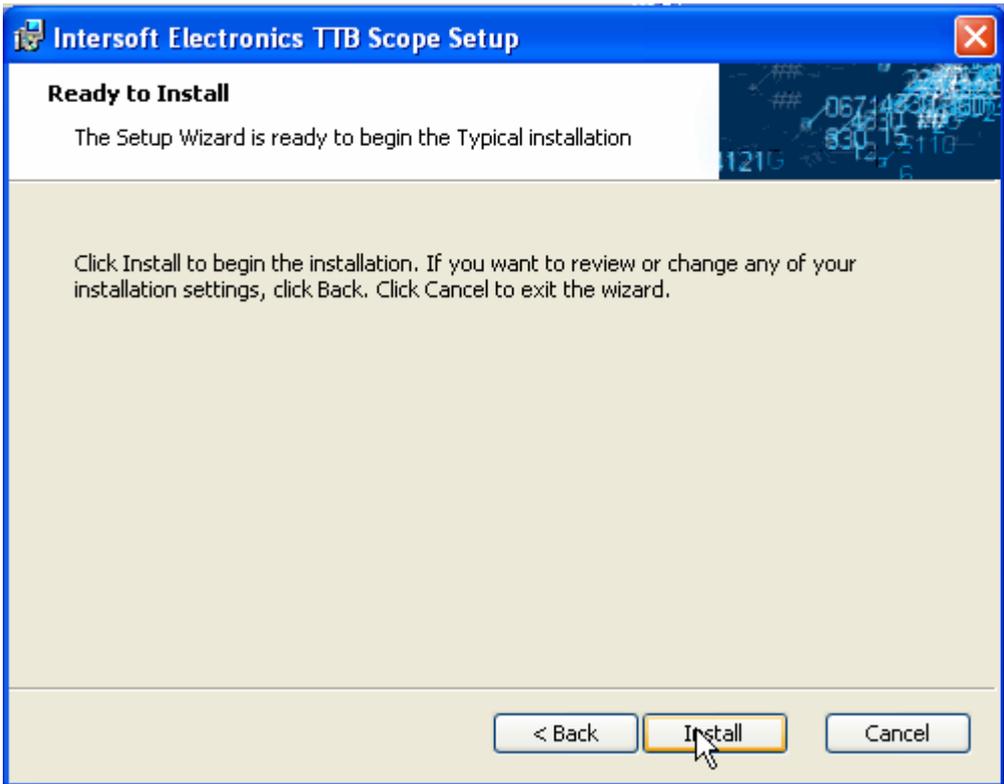
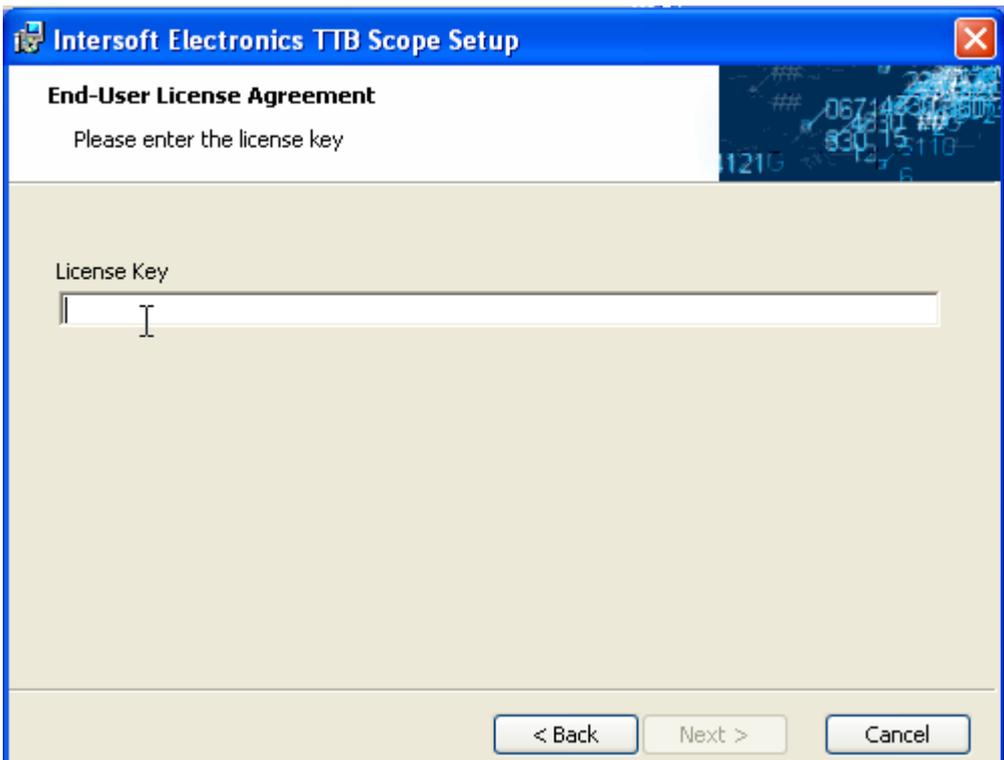


A special tool is the TTB tool. If you need to use it with Mode 5, select “complete” install, if not , just use the Typical Install:



In case you select “Complete”, the tool requests a licence key. This is to protect Mode 5 secure data packages included. If you do not need this, click Back. The key can be requested from Intersoft if you are a NATO or military user. We reserve the right to deny this key.





Click Install. And then Finish



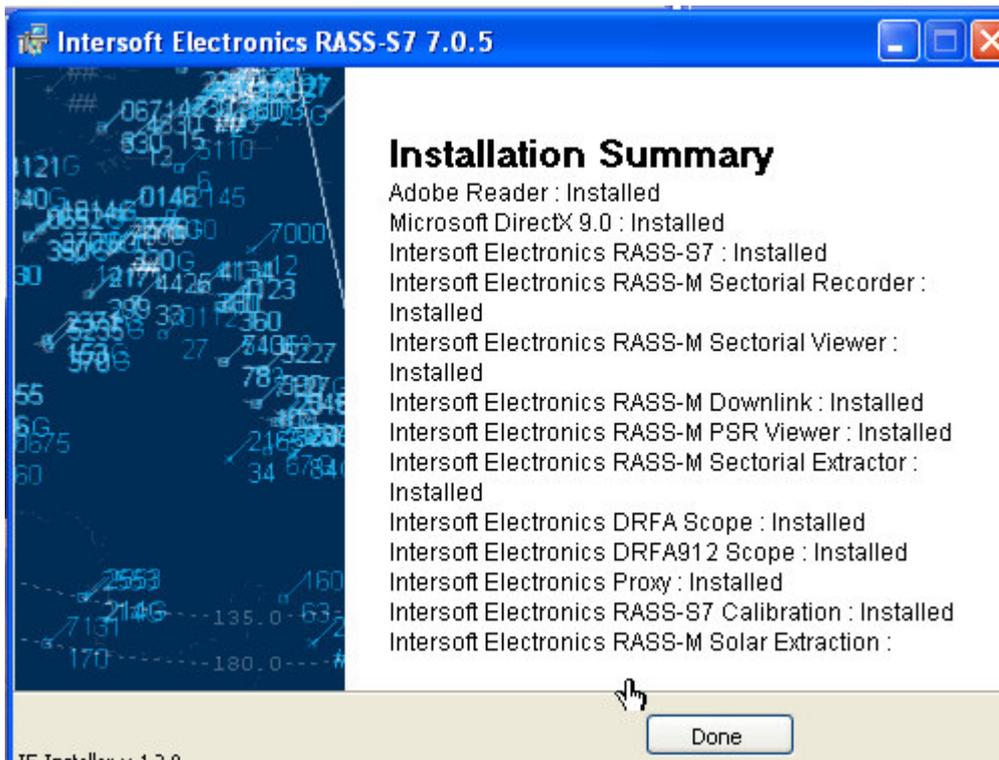


Click OK.

Finally, the tool will install a patch for RASS-S 7.0.5 if you selected this in the post install list, and if available in the installer. .



You should now see a successful Installation summary:



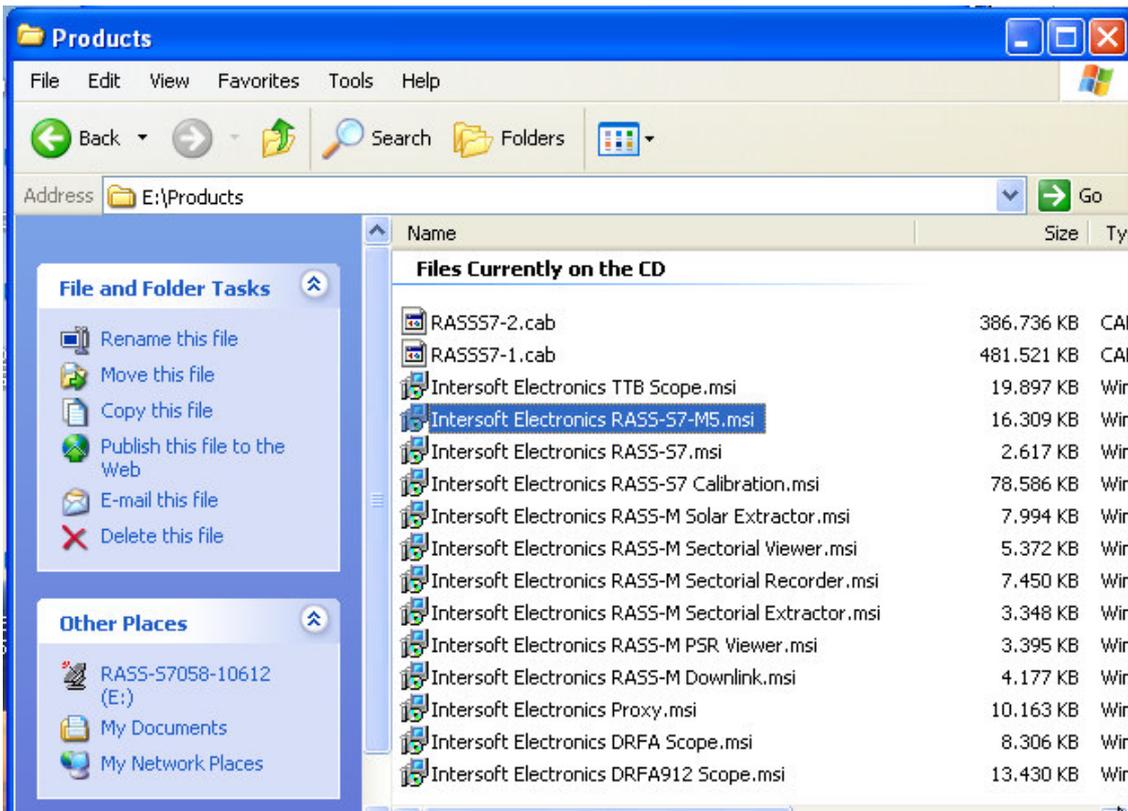
3.3. Mode 5 tools installation

In case you own a RSE760 and wish to use it for Mode 5 target injection or FRUIT generation, you can install the RASS-S for Mode 5 option.

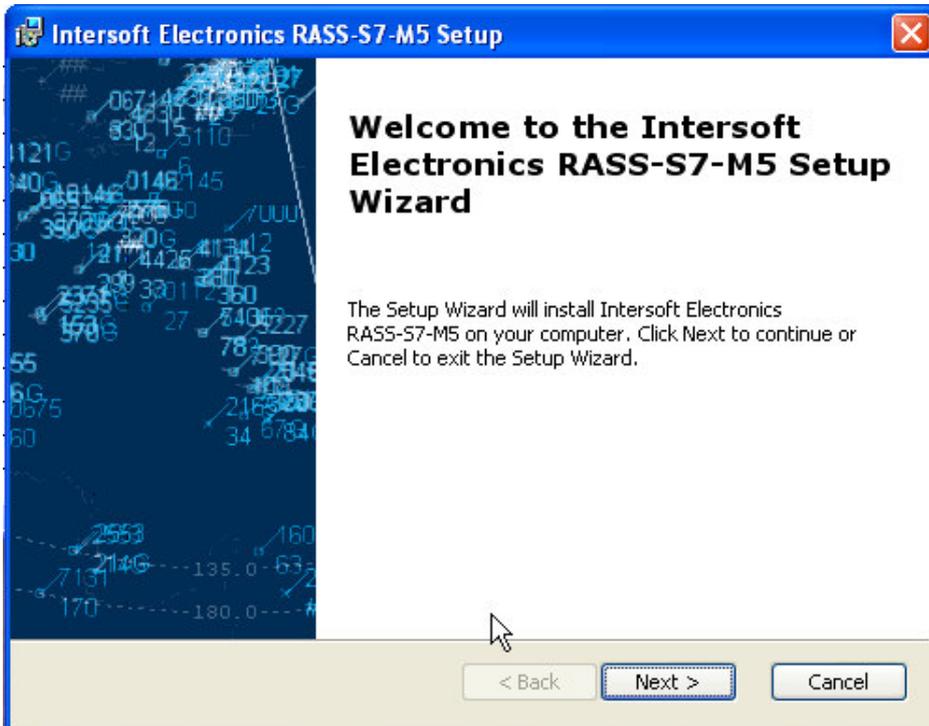
To install, open the folder “Products” in your installation DVD or folder.

Locate the file “Intersoft Electronics RASS-S7-M5.msi” and double click it.

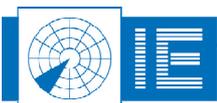




This window will appear:

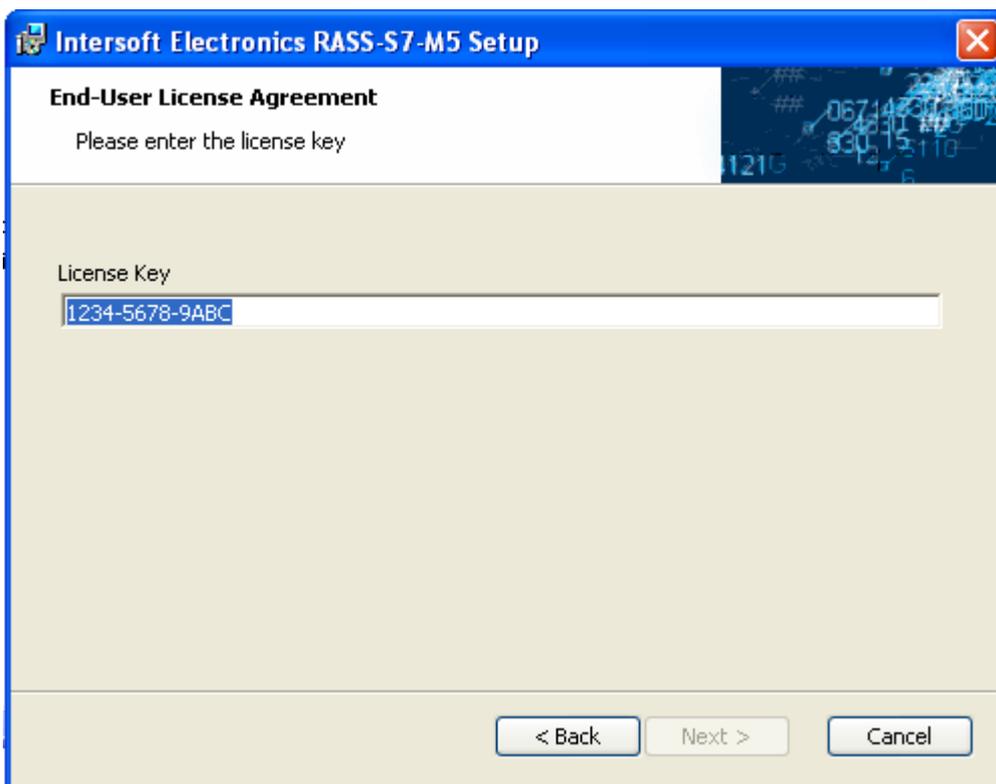


Click "Next"





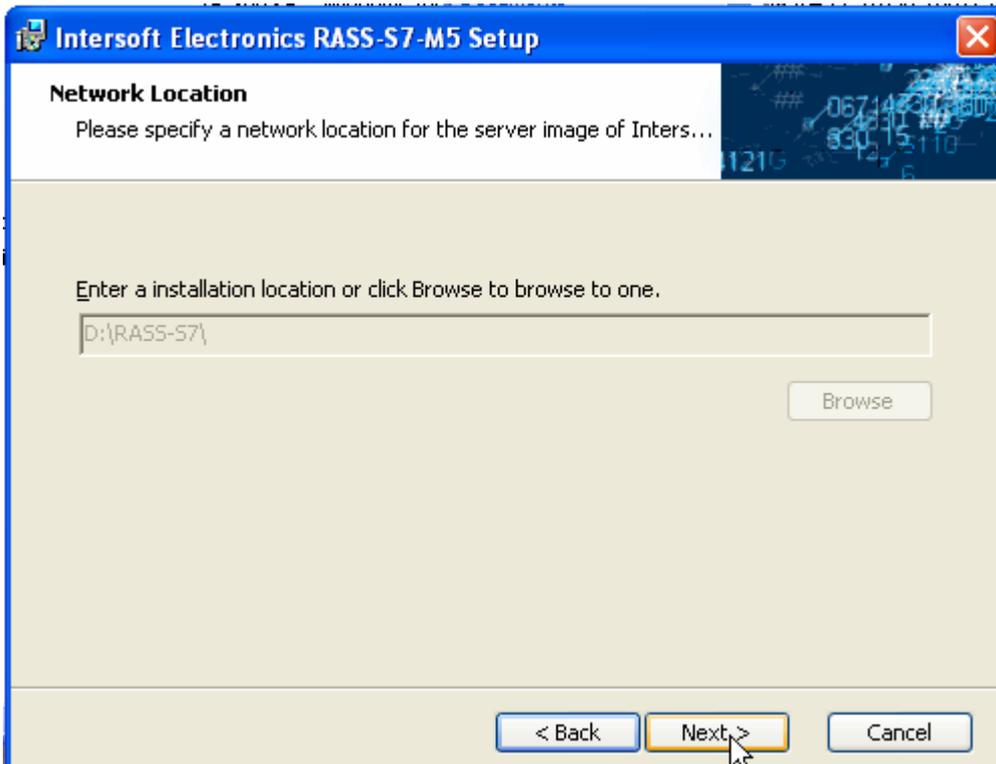
Now enter the Mode 5 licence key. This is to protect Mode 5 secure data packages included. If you do not need this, click Cancel. The key can be requested from Intersoft if you are a NATO or military user. We reserve the right to deny this key.



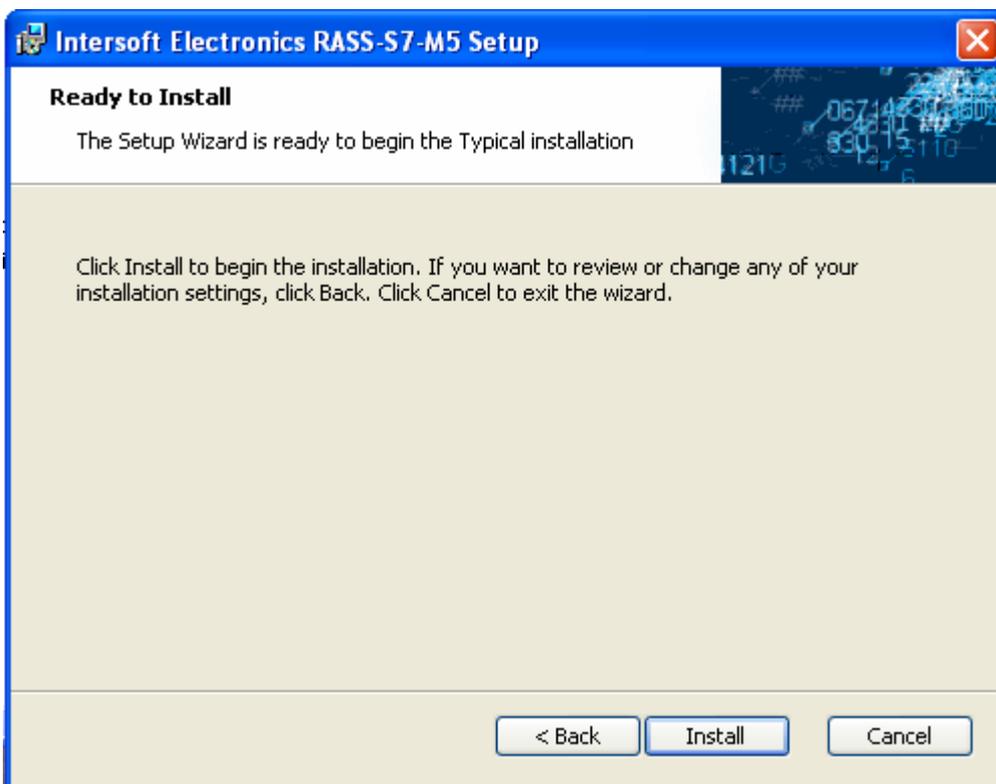
Enter the key as illustrated in the example. (This is a dummy key shown), and **hit the Tab-key** on your keyboard to confirm the entry.

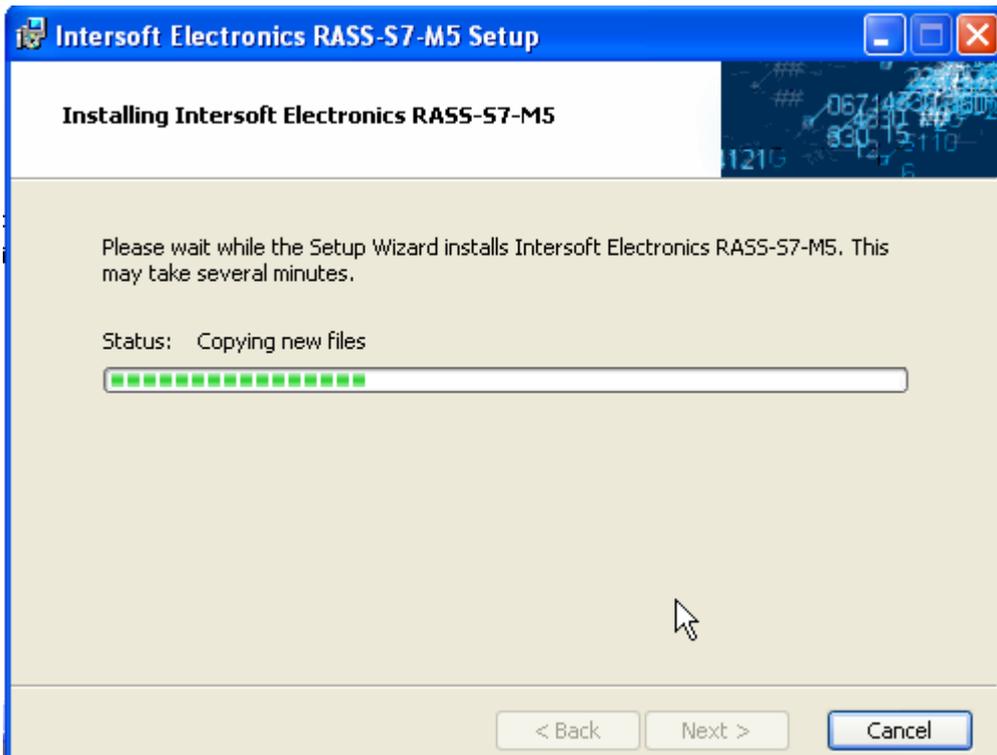
Then click Next.



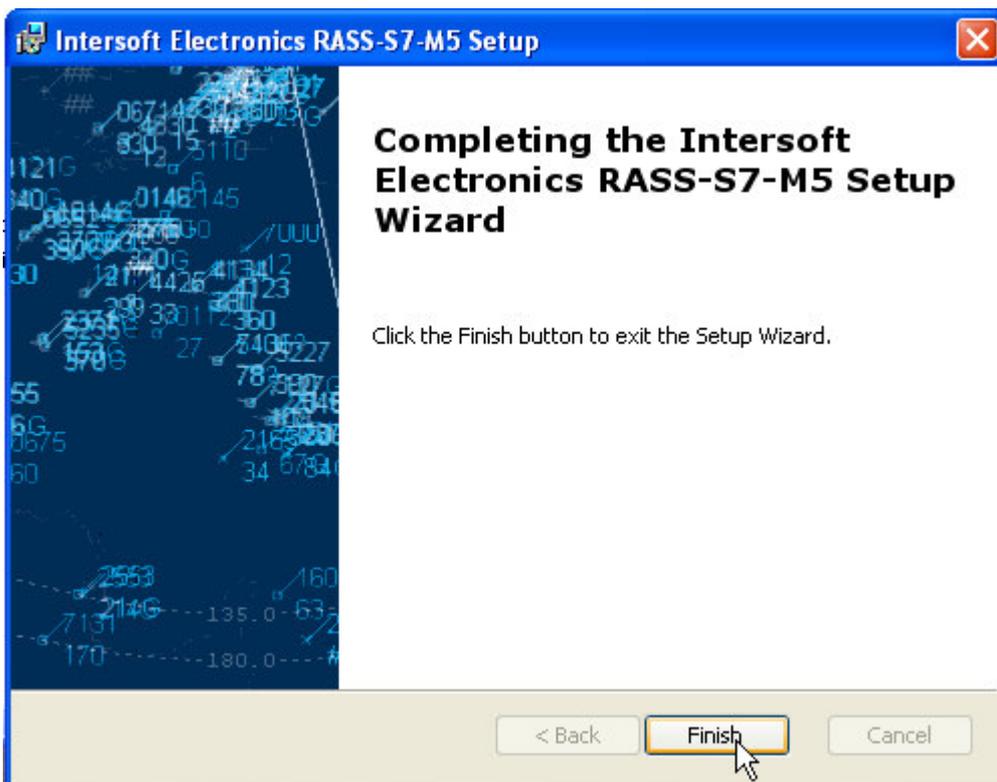


The tool will search for the RASS-S installation, and will add Mode 5 tools in the “ADD-ON” folder.
Click “Install”





At the end, this window will appear: click Finish.



Beware! The Mode 5 software is the version of the original 7.0.5 software. The patches might include update to the Mode 5 tools as well, so next proceed to the step 3.4.1 , and **rerun the patch installation!**



3.4. Patch installation

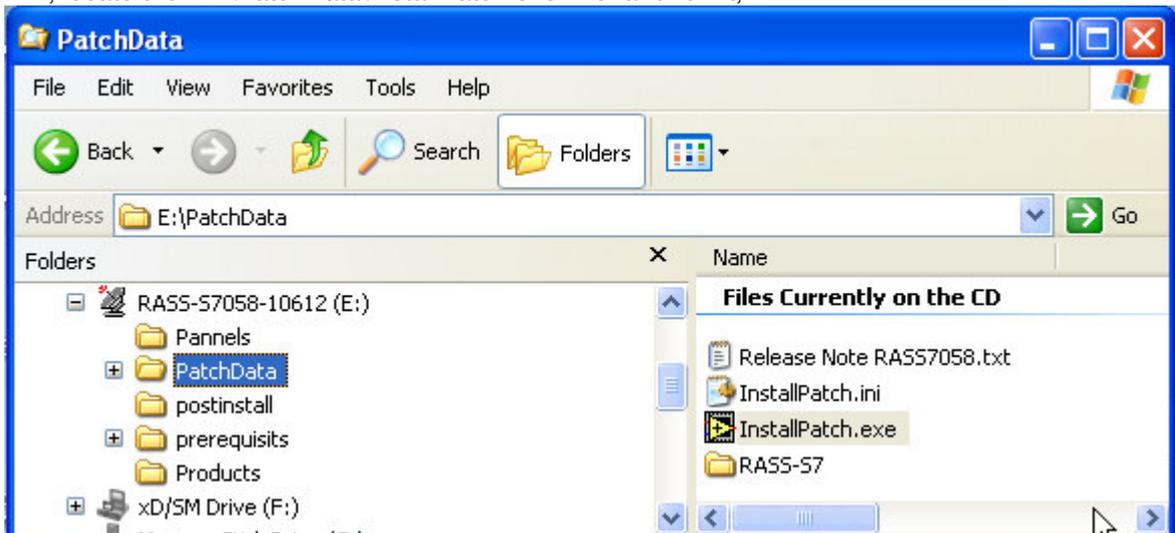
On a monthly basis, Intersoft releases patches on the latest released software. To find out what these patches do, you can download the Release Notes of the latest version from the ftp site.

If you have installed a version 7.0.5.x before, and wish to update to the latest patch , you can do this in several ways:

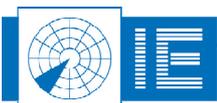
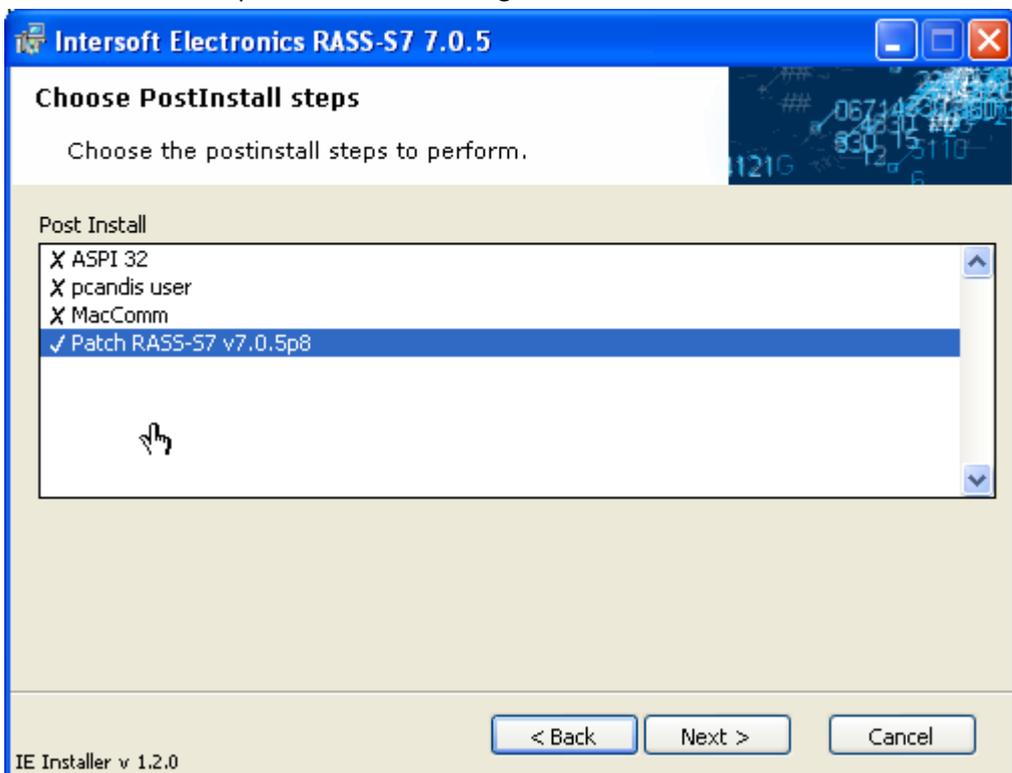
3.4.1. Patch installation from DVD or full installer

Use or create a DVD from a ftp download , containing the latest released version of RASS-S. For example v7.0.5.8.. This is RASS-S v7.0.5 , plus patch 8.

On the DVD, locate the "E:\PatchData\InstallPatch.exe" file and run it,



or simply Run the installer of RASS-S again, skip all full installations and only check the patch installer in the final post-installation dialog: .



Following window will appear, and the tool will install a patch for RASS-S 7.0.5. (in this case patch 8)

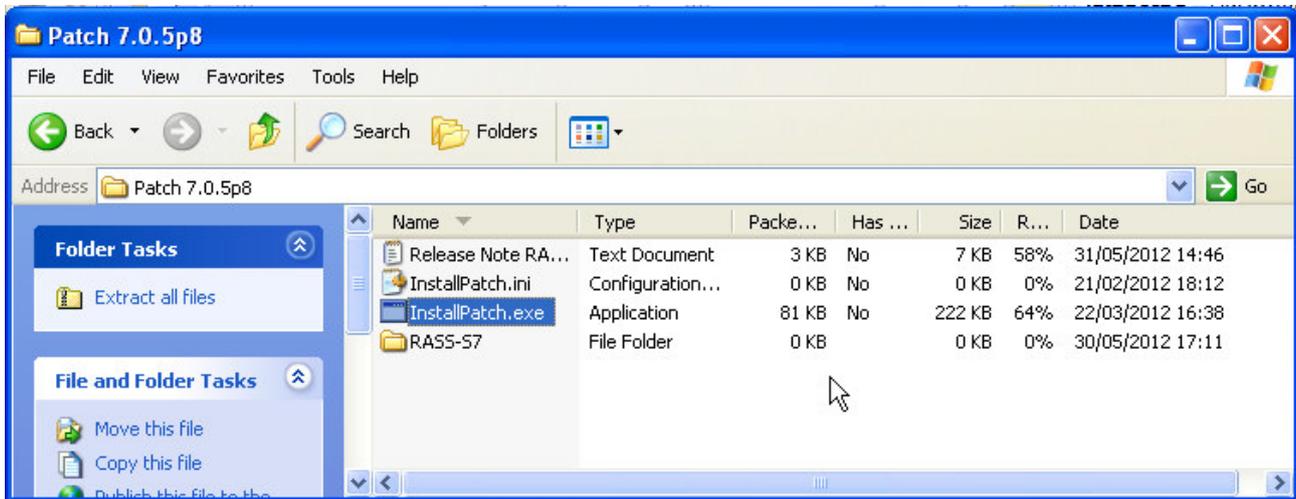


Beware! The tool will search for C:\RASS-S7 folder first, if not found, it will search for D:\RASS-S7. So if you have 2 RASS-S7 folders, only the one on your C: drive will be upgraded. So make sure the doubles are removed!

3.4.2. Patch installation from Patch zip file

Alternatively, download the “Patch 7.0.5px.zip” file from our ftp site. (See step 2 above)

Unzip this folder, and locate the InstallPatch.exe” file on it and run it



Following window will appear, and the tool will install a patch for RASS-S 7.0.5.



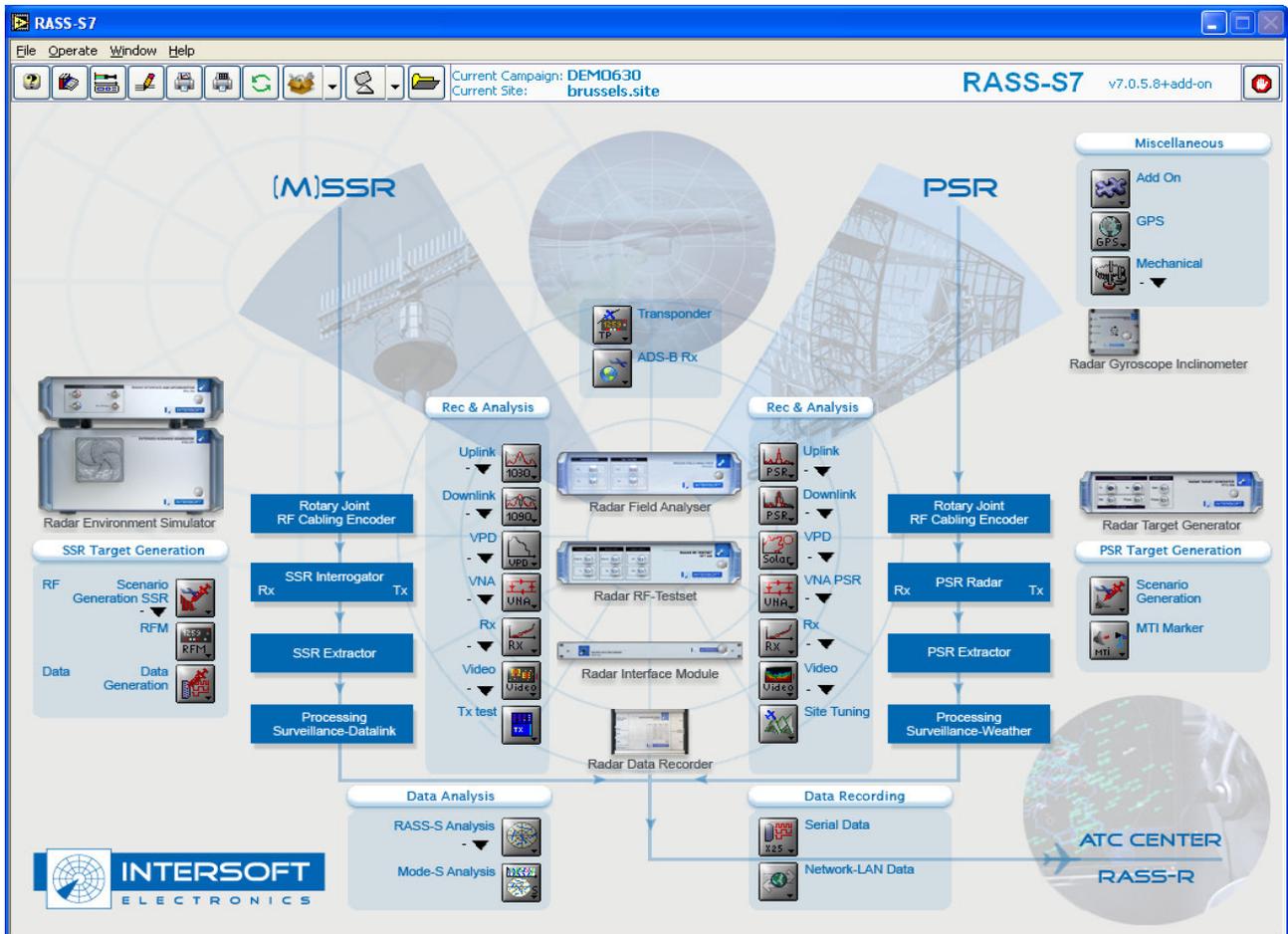
Beware! The tool will search for C:\RASS-S7 folder first, if not found, it will search for D:\RASS-S7. So if you have 2 RASS-S7 folders, only the one on C: drive will be upgraded.

4. RUN RASS-S7



Finally, you should see a “RASS-S7.vi” shortcut on your desktop.

Alternatively, you can open the C: or D:\RASS-S7\RASS-S7.vi tool .



Check the version number in the upper right corner, it should indicate the latest version number. (7.0.5.8 or later) .

