



Software Specification

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Requirements

The following are the only system requirements for the software:

Component	Minimum	Recommended
Processor	A 500 megahertz (MHz) processor, such as an Intel Pentium II or Advanced Micro Devices (AMD) processor	1 GHz or faster
Operating System	Microsoft Windows 2000, Windows XP, Windows 7	Microsoft Windows 7
RAM	128 MB	256 MB or more
Hard Disk Space	10 MB	50 MB or more

- 1 or more **USB** ports are needed if using a local modem.
- Any internet connection will suffice if using a routing connection.
- Maps are to be supplied by the user. MapInfo/ESRI formats are accepted.



Key Features

Unit Connection

- ✓ **Status Request:** Request and receive the entire status of the installed unit, including sensors and location.
- ✓ **Outgoing Command:** Send outgoing commands to the vehicle (such as Gradual Stop, Active Siren, etc.) to test the installation.
- ✓ **Map View:** View the unit on the map, to verify the GPS installation.
- ✓ **Automatic Tester:** Test the main component of the unit installation, to make sure the unit installed properly.
- ✓ **Unit Programming:** Program each and every parameter of the unit, including inverting of inputs/outputs to make the installation quicker and easier.
- ✓ **Firmware Upgrade:** Upgrade any Starcom product to its latest firmware using the Firmware Upgrade screen. Can also upgrade many units at the same time over the air.
- ✓ **Can Bus Support:** Built-in Dallas decoder algorithm to detect different Canbus protocols in order to configure the Helios devices.

User Interface

- ✓ **Simple Wizard:** Allows a complete firmware upgrade, parameters definition, and communication testing within 3 clicks:
 - **Updates** the firmware of the unit,
 - **Loads** the parameters file to configure the unit,
 - **Verifies** the communication with the local network.
- ✓ **Built-in help:** For any possible failure – the software automatically analyzes the data and advising the best way to solve it.
- ✓ **Easy support:** In case of a need for support, a detailed email can be sent to our support team in order to receive a diagnosis of the causes to the problem.
- ✓ **Multiple Windows:** Support for multiple unit status and programming windows at the same screen, to ease on mass-installations.
- ✓ **Multiple Languages:** Various localized versions are available in Spanish, French, Russian, and more. Clients can create their own translations.

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Communication

- ✓ **Modem Support:** Local cellular modems of several types are supported to receive/transmit SMS messages from/to the units.
- ✓ **SMPP Support:** Direct connection to the cellular operator to receive/transmit SMS messages from/to the units.
- ✓ **TCPIP Support:** GPRS/1x connections to handle the units that are connected through these networks.
- ✓ **Routing Network:** Connection to another Routing application to provide more stable communication chain and backups.
- ✓ **Multiple Networks:** Simple and easy connecting to various cellular operators at the same time.