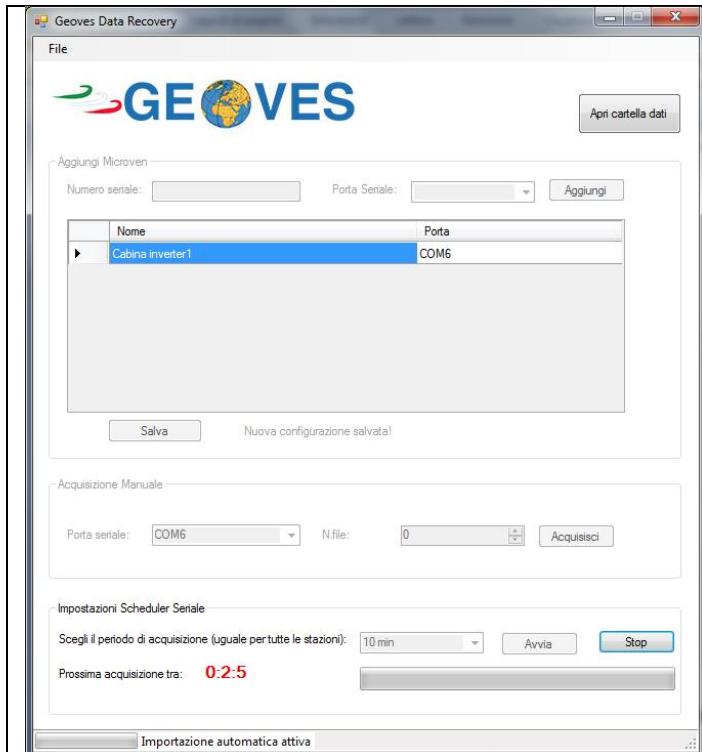


GEODESK – MICRO3 AND BUTTERFLY DATALOGGERS PROGRAMMING SOFTWARE AND EXPORT DATA

Geodesk is a basic service software, free supplied with all dataloggers Geoves, able to setup Micro3 and Butterfly devices.

Furthermore Geodesk can import the data memorized on the SD Card or sent via GPRS or transmitted via cable from the dataloggers and generate a single data file in Excel format. In this way data aggregations of the desired period (eg. monthly) can be obtained to get charts and graphs.

Pictures	Functions
	<p>Micro3 dataloggers setup Setting parameters are:</p> <ul style="list-style-type: none"> • User configuration: Apn, Username, Password • FTP configuration: Host, Username, Password, Addressee Directory, FTP port number • Data storage and transmission rate (5-10-15-30-60') • Expansion interface for analogic inputs: YES/NO • SMS alarms enabling: Tel1, Tel2 (only for MicroHYD3 devices) <p>The configuration can be saved, doubled, downloaded and uploaded on other dataloggers.</p>
	<p>Butterfly devices setup Setting parameters are:</p> <ul style="list-style-type: none"> • User configuration: Apn, Username, Password • FTP configuration: Host, Username, Password, Addressee Directory, FTP port number • Data storage and transmission rate (5-10-15-30-60') • SMS alarms enabling: Tel1, Tel2 <p>The configuration can be saved, doubled, downloaded and uploaded on other dataloggers.</p>
	<p>Merging of data files It's possible merge more data files generated previously by Micro3 and Butterfly dataloggers to create a single Excel data aggregation with more days (eg. weekly, monthly, annual, etc..).</p> <p>TXT data files generated by Geoves dataloggers are in "standard ascii text" format with every field separated by commas (CSV Comma Separated Value).</p>



Data download from Micro3 datalogger wired

Once Geodesk is installed in the PC with Windows it's possible download the data from all Micro3 dataloggers connected via cable RS232-RS485-LAN.

The data download can be manual (on user request) or automatic with a *scheduler* function that performs the download at specific time.