Siretta

Enabling Industrial IoT

SNYPER CloudSURVEY Portal
4G/LTE, 3G/UMTS & 2G/GSM Signal Analyser & Datalogger Mapping Portal

General Description

The SNYPER family of products are high performance, multi-language network signal analysers and cellular signal loggers, dedicated to surveying and logging the 4G/LTE, 3G/UMTS & 2G/GSM cellular networks.
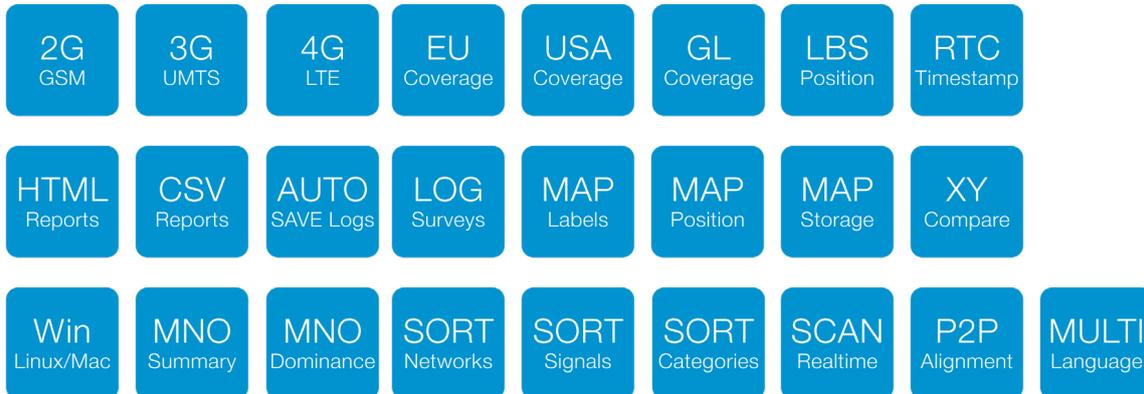
The CloudSURVEY portal allows you to export and save all of your cellular survey results from a compatible SNYPER product to your account in the cloud. The CloudSURVEY software has a host of features, allowing you to view approximate base-station positions on a map and determine the most suitable network for your application.

The CloudSURVEY portal simultaneously calculates the entire available network resources in the area where the survey was performed and displays the relative dominance of each mobile network operator. This allows you to make an informed decision about the optimal cellular network, taking into consideration network technology, network reliability, average signal strength, base-station position and network density.

The user can apply filters to adapt the results list and in addition, the portal has the ability to determine where your base-stations are located in relation to where your survey was performed. It can store all survey results in one central location with custom categories and individual survey labels for future identification.
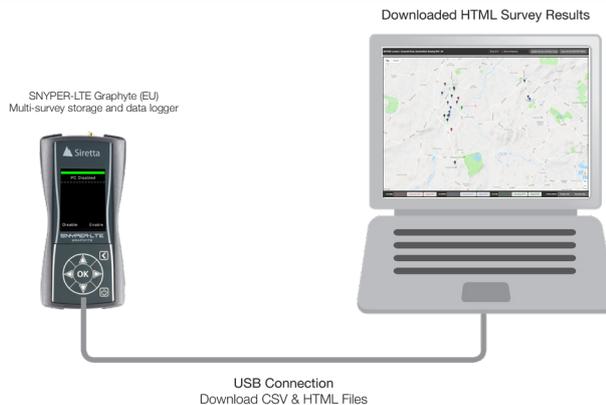
Features

2G GSM	3G UMTS	4G LTE	EU Coverage	USA Coverage	GL Coverage	LBS Position	RTC Timestamp
HTML Reports	CSV Reports	AUTO SAVE Logs	LOG Surveys	MAP Labels	MAP Position	MAP Storage	XY Compare
Win Linux/Mac	MNO Summary	MNO Dominance	SORT Networks	SORT Signals	SORT Categories	SCAN Realtime	P2P Alignment	MULTI Language

Featured Applications

» Provide approximate base-station position information for all available networks

» Store all survey results in a central location in the cloud

» Recall survey results and compare results against each other

» Label and categorise survey results

» Dynamically show individual network technologies on a single map

» Dynamically show network signal strength heat map

» Automatically calculate network dominance for each saved survey

» Display advanced network parameters visually for easy comparison

Downloaded HTML Survey Results

SNYPER-LTE Graphyte (EU)
Multi-survey storage and data logger

USB Connection
Download CSV & HTML Files

Rev 1.0

General Features

» Cloud based storage for all recorded surveys

» Graphical reporting of survey results

» Clearly display base station locations on a map

» Compatible with SNYPER V3 Signal Strength Analysers (see Compatibility List)

» Global support for cloud services

» Full breakdown of SNYPER Advanced survey results

» Graphical view of LTE RSRQ signal quality

» Graphical view of UMTS ECIO signal quality

» Graphical view of signal variance for multi cycle surveys

» Individually averaged values for all parameters recorded per survey

» Simultaneous view of 2G, 3G and 4G map markers for the same survey location

» Multiple language support (English/French/German/

» Italian/Spanish)

Statistical Breakdown

» Complete daily and monthly usage graphs

» Display total registered SNYPER devices

» Display number of successfully completed GSM / UMTS / LTE cell tower lookups

» Display number of failed GSM / UMTS / LTE cell tower lookups

» Display individual map loads

» Display total number of GSM / UMTS / LTE cells recorded from all survey results

» Display total recorded survey results

Pricing Structure

» Access to portal is free - tokens are chargeable

» 500 free tokens when registering account

» Token based subscription service for displaying survey map results

» 1 token used for each cell tower lookup

» 1 token used for each map load

» Large volume discounts for token purchases

SNYPER Compatibility

» European Models

- SNYPER-LTE+ (EU)

- SNYPER-LTE+ Spectrum (EU)

- SNYPER-LTE Graphyte (EU)

» North American Models

- SNYPER-LTE+ (USA)

- SNYPER-LTE Graphyte (USA)

Reporting

Survey Report

» Display survey sessions for 1 to 500 sequential recorded surveys

» Display back-to-back and time lapsed sequential survey records

» Display seen percentages and signal averages for entire surveyed session

» Graphically display results ordered by signal strength

» Display complete summary breakdown for all recorded cells in the survey results

» Display survey date and time

» Automatic calculation of survey location from recorded cell tower positions

» Update marker position to correctly identify survey location