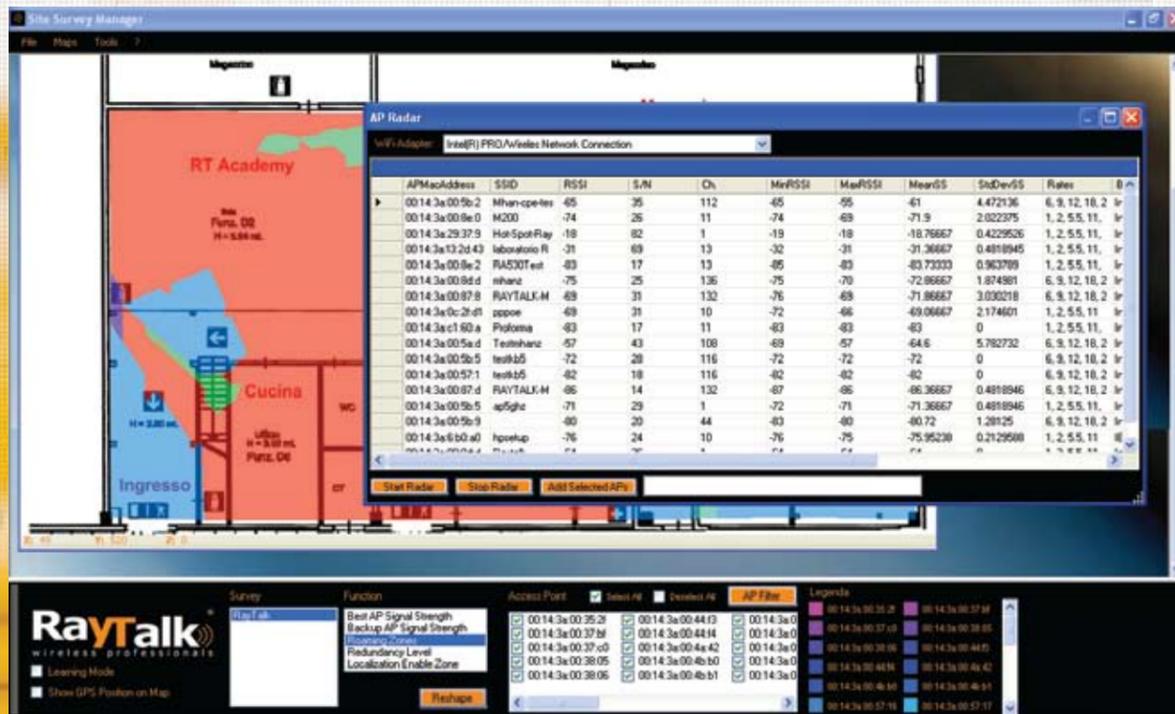


### Future features

- RF values Tuning
- On-path roaming prediction
- Automated RayTalk device configuration
- RayTalk Locator Platform integration
- Beacon information analysis
- 3D maps signal modelling
- New AP placement optimization
- Open encryption area



**RT-Survey**  
Site Survey Kit Multistandard

Thanks to the Kit RT-Survey it is possible to make Indoor or Outdoor Site Survey using specific antennas for the 2.4GHz and 5GHz frequencies. The Kit may be set on several needs. For example:

- 1 PCMCIA Dual Band IEEE802.11abg - Bitrate 54/108Mbps
- External Antenna Connector - Coax Cable with N(F) connector
- Adaptors - 2,4 GHz Wi-Fi Antenna
- 5GHz HiperLan2 - Software included

2.SMT.081117 rev-1.0

# Outdoor & Indoor Survey tool

# SMT

SITE SURVEY MANAGER TOOL



# RayTalk Site Survey Manager tool

## Site Survey functions

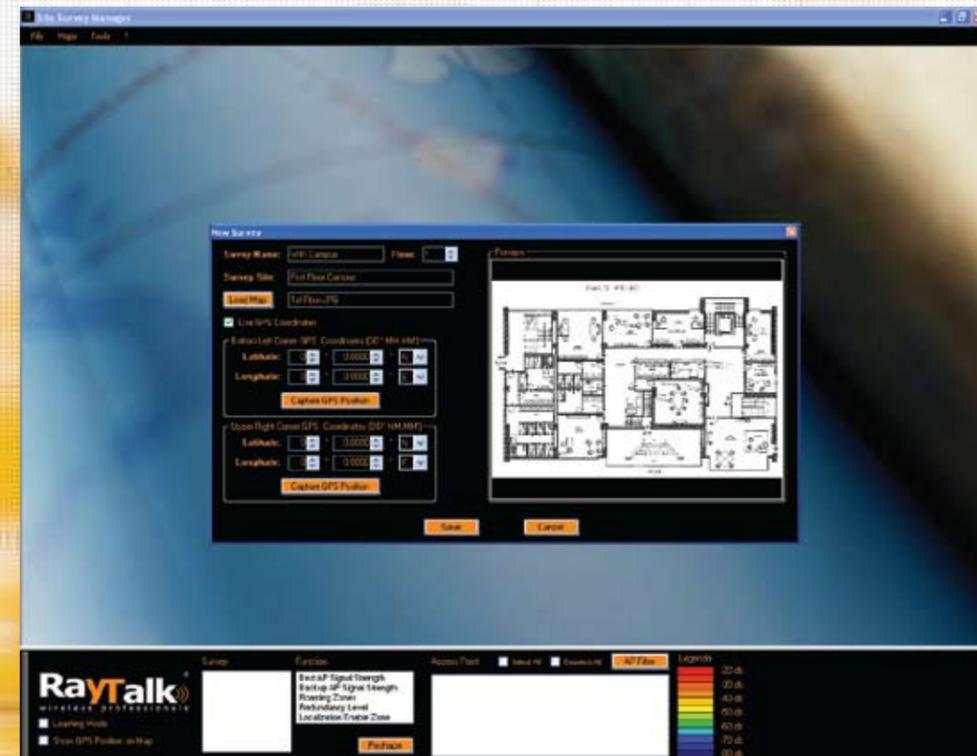
- Multi-map management
- Real time 802.11 a/b/g/h WiFi/HiperLan signal display (Access Points Radar)
- GPS Module Integration
- Wizard for easy Site Survey procedure

## Analysis

RayTalk Site Survey Manager tool provides a user-friendly graphic interface for the visualization of:

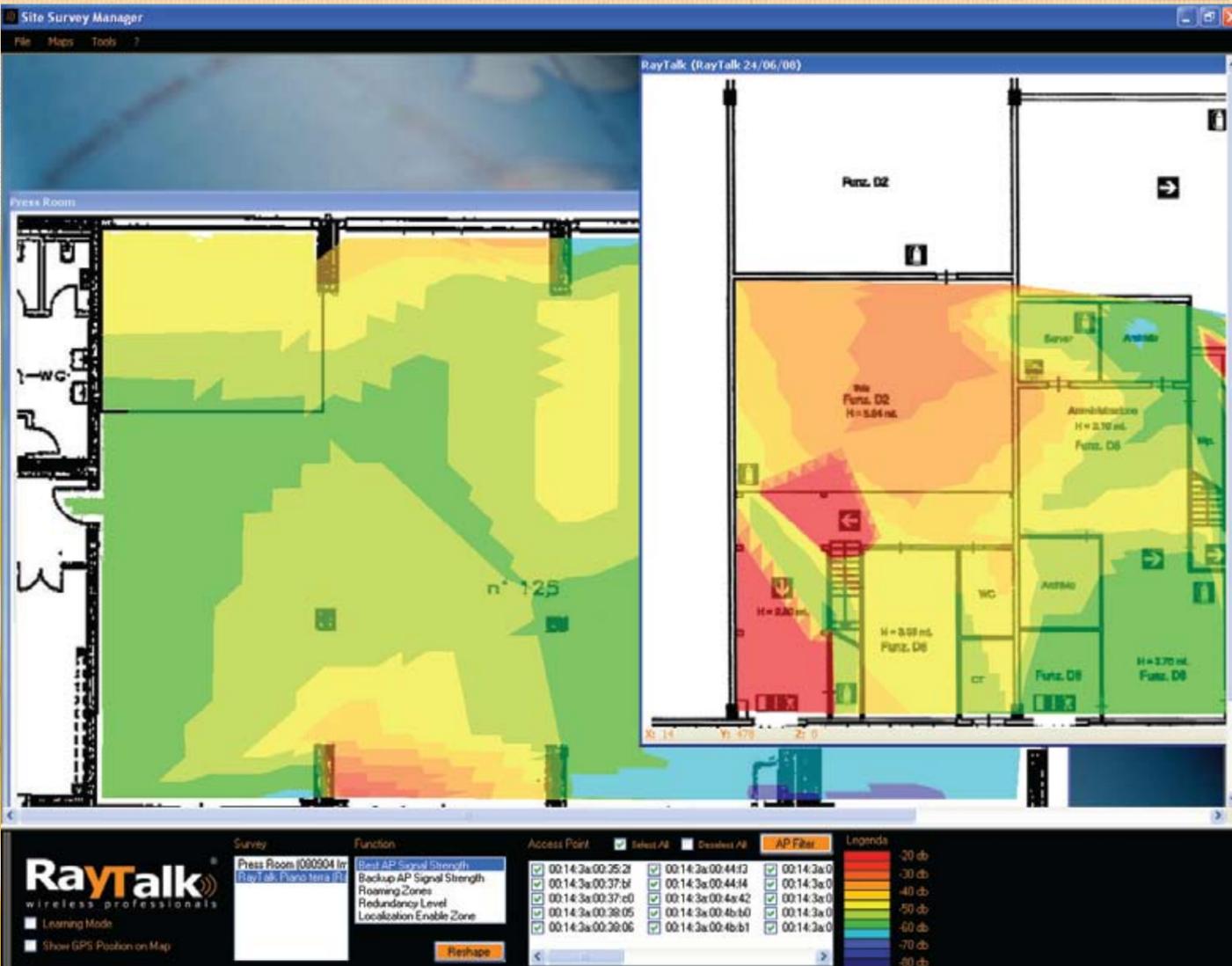
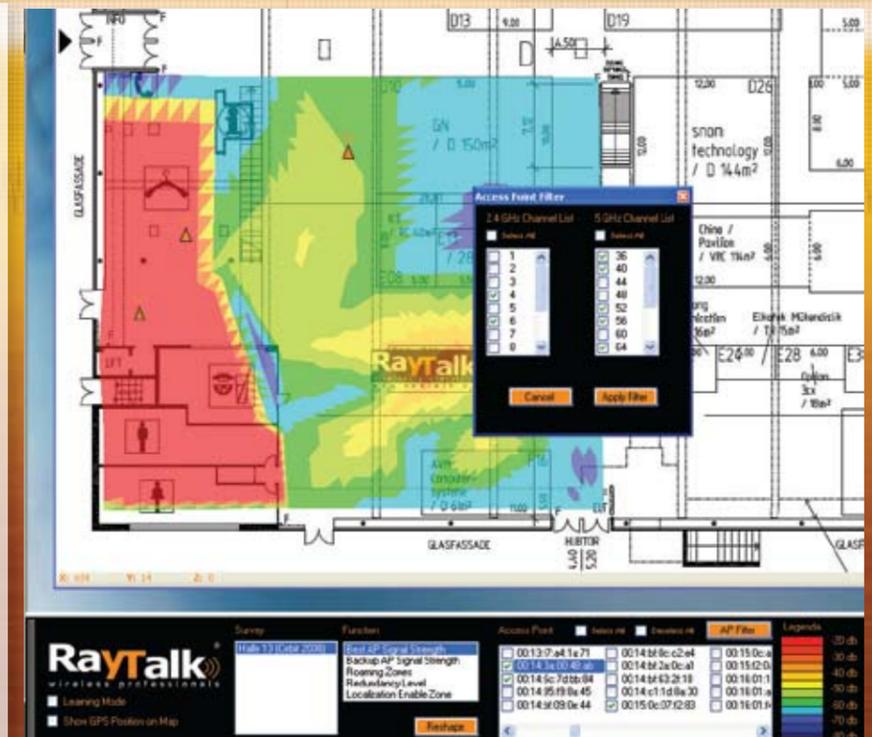
- AP Signal Strengths
- APs subset best Signal Strength at any given point
- APs subset backup (2nd best) Signal Strength at any given point
- Roaming zones prediction (using a user-defined APs subset)
- WiFi coverage redundancy

It is also possible to save all the information on a survey portable file and print a configurable graphical report.



## Reporting functions

- Coverage assessment (redundancy level and signal strength evaluation)
- Backup coverage signal evaluation
- Roaming zones prediction
- Received Signal Strength, SNR and Data Rates analysis
- Automated network report generation
- Channel separation optimization



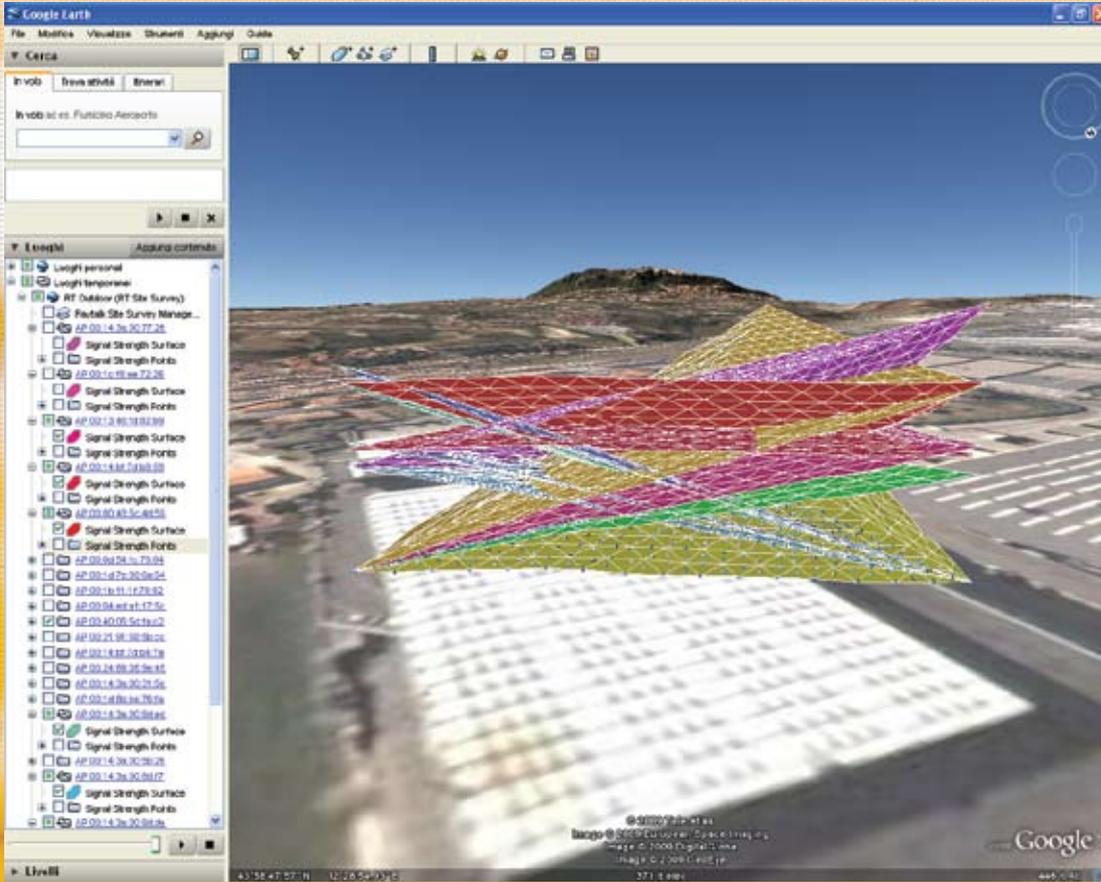
RayTalk Site Survey Manager tool is a software tool running on any 802.11 a/b/g/h (both 2.4 GHz and 5 GHz) WiFi/HiperLan-enabled laptop for design, administration, troubleshooting and certification of the 802.11 a/b/g/h WiFi/HiperLan Networks.

With its simple and user-friendly interface, RayTalk Site Survey Manager tool allows Network Administrators and wireless Professionals to optimize the coverage (coverage-holes and interferences elimination) minimizing the infrastructure costs (overlap reduction).

## Survey

With a simple survey phase, RayTalk Site Survey Manager tool discovers all the audible 802.11 a/b/g/h WiFi/HiperLan APs (both 2.4 GHz and 5 GHz) saving all the information on the signal strength and the communication capabilities together with the geographical references. The GPS module interface eliminates the on-map location complexity allowing the user to quickly make a complete wide-area survey.

# Google Earth Integration



- Integration with Google Earth: Generation of signal map in 3D format, visible with Google Earth

## New SMT Features

- Wi-Fi channels analysis tool for radio planning (Access Point positioning and free channel not overlapping)
- Integration with Access Point manufacturer information into AP Radar and relative importation tool for the upgradeable OUI released by IEEE and including the MAC associations - Producer.
- The new SMT is optimized with a complete tool series able to generate all the professional reports which can offer the evidence of the resulted analysis and can be compared with future next checks.

