Software Tools

Wardriving Software

- Kismet:
  - http://www.kismetwireless.net/

- Netstumbler:
  - http://www.netstumbler.com/

Site Survey Software

- Ekahau *HeatMapper*:
  - http://www.ekahau.com/products/heatmapper/overview.html
- Meraki *WiFi Mapper*:
  - http://www.meraki.com/products/wireless/wifi-mapper
- TamoSoft *TamoGraph*:
  - http://www.tamos.com/products/wifi-site-survey/wireless.php?r1=google&r2=awd_tg
- AirMagnet Survey:
  - http://www.flukenetworks.com/enterprise-network/wireless-network/AirMagnet-Survey

Site Survey Software (Free & Trial)

- Ekahau *HeatMapper Free*:
  - https://dl.dropbox.com/u/24519064/Ekaha-Heatmapper-Setup.exe
- Ekahau Site Survey Trial:
  - https://dl.dropbox.com/u/24519064/Ekahau-SiteSurvey-Setup.exe
  - Quick Start Guide:
    - https://dl.dropbox.com/u/24519064/ESS-Quick-Guide.pdf
- Netspot Survey for MACOSX (free):
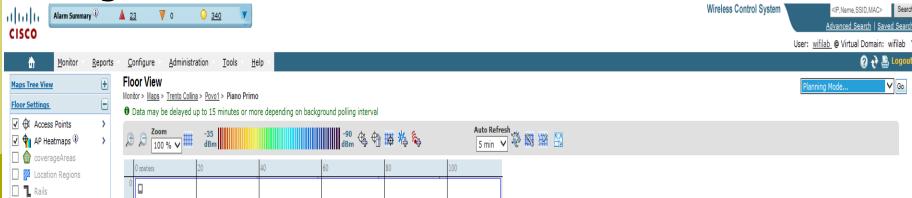 - http://www.netspotapp.com

Site Planning Software

- Aerohive:
  - http://www.aerohive.com/planner
- AirTight Planner:
  - http://www.airtightnetworks.com/home/products/airtight-planner.html
- AirMagnet Planner:
  - http://www.flukenetworks.com/enterprise-network/wireless-network/AirMagnet-Planner
- TamoGraph Site Survey (30 days trial):
  - http://www.tamos.com/download/main/

Site Planning with Cisco WCS

- WCS URL
  - https://wcs.unitn.it
- Login credentials (4 groups):
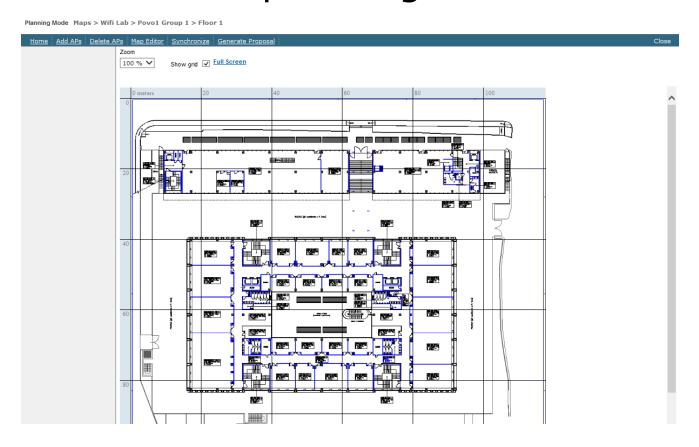
…

Site Planning with Cisco WCS

- □ Go to Monitor->Maps
- □ Select the desired Floor from the list
- □ Select "Planning Mode…" from the upper right selection menu

- □ Click "Go"
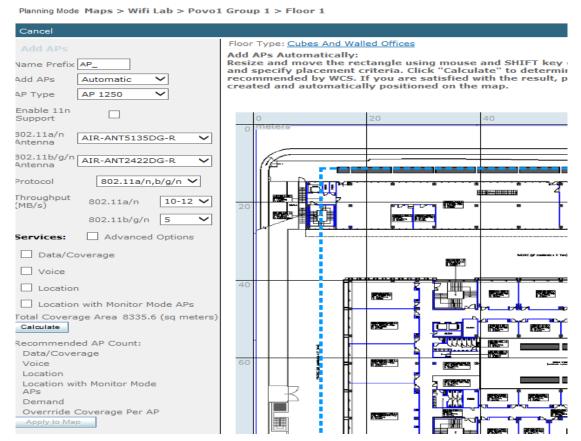
Site Planning with Cisco WCS

□ You are in planning mode !

□ Click on "Add Aps" to begin planning

Site Planning with Cisco WCS

- You are in planning mode !

- Select Automatic/Manual, AP Type, other parameters and start planning

Site Planning with Cisco WCS

- When finished, click on "Generate Proposal"

Planning Mode Maps > Wifi Lab > Povo1 Group 1 > Floor 1

| Home | Add APs | Delete APs | Map Editor | Synchronize | Generate Proposal |

- And Save your planning in PDF

Site Planning with Cisco WCS

- Survey reports using WCS:
  - http://www.petri.co.il/generating-site-survey-reports-using-cisco-wcs.htm
- Wireless Site Survey FAQ
  - http://www.cisco.com/en/US/tech/tk722/tk809/technologies_q_and_a_item09186a00805e9a96.shtml#qa1
- Site Survey and RF Design Validation
  - http://www.cisco.com/en/US/docs/wireless/technology/vowlan/troubleshooting/8_Site_Survey_RF_Design_Valid.html

Antenna Portfolio (Cisco)

- http://www.cisco.com/en/US/prod/collateral/wireless/ps7183/ps469/product_data_sheet09186a008008883b.html