Selecting a Computer to run SMT/Geolocation, Signal Surveyor, Vector Signal Analysis (VSA) and Snapshot Radio

Processor
To effectively run processes that support RF Search, Intercept, Classification and Geolocation, it is recommended to specify a computer with:
- processors with greater than 2.5 GHz clock
- 8 to 12 GB RAM
- 1 TB hard drive.

Display
An adequate display area is also needed. Dual flat panel displays–each 30 inches or larger are suggested. The hp.com website has several desktop machines that meet these requirements

Operating System
Microsoft Windows XP Professional SP3 (32 bit); Microsoft Windows 7 Professional, Enterprise, or Ultimate (32 bit or 64 bit)

Applications
- Keysight Technologies, Inc. Sensor Management Tool - SMT (this product ships at no cost with the N6841A RF Sensor) and includes these applications:
  - Sensor Placement and Optimization Tool (SPOT) for planning a sensor installation
  - Sensor Management Server. This is a service installed on the PC to manage the RF Sensors.
  - Sensor Access Library. This is an API for writing custom applications for the Sensor.
  - Keysight N6854A Geolocation Server Software. This is the Geolocation application that runs inside of the SMT and requires a license file to operate.
  - Keysight N6820ES Signal Surveyor Software. This is licensed to one PC or one USB key. A single license can run up to 6 individual instances each using different N6841A RF Sensors.
  - Keysight N6829B Snapshot Radio software. This is licensed to one PC or one USB key. It is used to produce Audio from IQ files created by the various RF Sensor applications.
  - Keysight 89601B Vector Signal Analyzer software. This is licensed to one PC and can run on one RF Sensor at a time.
  - These additional applications will be needed:
    - Google Earth (downloadable from the Internet). This requires an Internet connection to provide interactive geographic information.
    - Microsoft Office Suite for spreadsheet, image and report generation
    - Adobe Reader (for the system documentation)
    - Internet Explorer Version 8.0 or higher
N6841A QUICK Note 1

If an IP67 compliant processor is required, refer to the Stealth PC website, www.stealth.com

The Stealth WPC-525F is a rugged PC that is completely water-tight, surviving liquids, chemicals, dust and dirt intrusion and meeting IP67/NEMA 6 environmental specifications.

With no cooling fans the internal CPU is passively cooled through a robust chassis design. The rugged, small form PC operates from a wide range of DC input power (6-36VDC) making it ideal for use with the N6841A.

- Waterproof / Water Resistant
- Dust, rain and splash resistant, IP67/NEMA 6 rated
- Fanless Low Noise, Low Power Consumption
- Intel D525 1.8 GHz Dual Core CPU
- DC Input, Wide Range 6 - 36VDC
- 3D Graphics with 16x9 Capability
- Solid State Hard Drives (SSD)
- Vesa 75mm/100mm Mounting
- Windows 7 and XP Pro Compatible, *other O/S Options Available

For more information on Keysight Technologies’ products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus

Americas
Canada        (877) 894 4414
Brazil        55 11 3351 7010
Mexico        001 800 254 2440
United States (800) 829 4444

Asia Pacific
Australia     1 800 629 485
China         800 810 0189
Hong Kong     800 938 693
India         1 800 11 2626
Japan         0120 (421) 345
Korea         080 769 0800
Malaysia      1 800 888 848
Singapore     1 800 575 8100
Taiwan        0800 047 866
Other AP Countries (65) 6375 8100

Europe & Middle East
Austria       0800 0011 222
Belgium       0800 58580
Finland       0800 523252
France        0805 980333
Germany       0800 6270999
Ireland       1800 832700
Israel        1 809 343051
Italy         800 599100
Luxembourg    +32 800 58580
Netherlands   0800 0233200
Russia        8800 5093286
Spain         800 001154
Sweden        0200 882255
Switzerland   0800 805393
                     Opt. 1 (DE)
                     Opt. 2 (FR)
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United Kingdom 0800 0260637

For other unlisted countries: www.keysight.com/find/contactus
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A personalized view into the information most relevant to you.

www.keysight.com/find/emt_product_registration
Register your products to get up-to-date product information and find warranty information.

Keysight Services
www.keysight.com/find/service
Keysight Services can help from acquisition to renewal across your instrument’s lifecycle. Our comprehensive service offerings—one-stop calibration, repair, asset management, technology refresh, consulting, training and more—helps you improve product quality and lower costs.

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Up to ten years of protection and no budgetary surprises to ensure your instruments are operating to specification, so you can rely on accurate measurements.

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