TeamSOIGNE Client Workstations

Figure 22: teamSOIGNE client workstation platforms

To operate, teamSENTINEL sensors require at least one teamSOIGNE Client workstation. A teamSOIGNE Client workstation allow signals analysts to monitor, control and maintain one or more teamSENTINEL sensors while simultaneously being used for signals analysis and geolocation.

All the teamSENTINEL/TeamSOIGNE Client GUIs (tsadmin, tscontrol, tsspectrum, tsanalyzer, tsglobe and tsBit, tsArrayEditor and QuickAssist Training apps) run from this workstation. Client workstations can be configured to operate either from a local area network or across a wide area network. To meet the needs of different mission requirements, three types of high-performance hardware platforms are supported, Dell Precision deskside workstations, Dell Precision laptops and Dell rack mounted clients.

Table 24: TeamSOIGNE Client Hardware Specificaitons

Feature	Portable	Deskside	Rackmount
Dell Workstation Configuration	Precision 7740 or later	Precision 3630 or later	Precision 3930 XL[11]
Equipment Rack Units	N/A	N/A	1 RU
Processor	Quad-Core i7 Intel XEON	Intel Xeon® E Processor	Quad-Core i7 Intel XEON
MAX Data Drive Capacity	3.84 TB SSD	1 TB SATA	1 TB SATA
Number of Data Drives	2	2	2
Random Access Memory (RAM)	64 GB	64 GB	64 GB
Graphics Card Family	NVIDIA Quadro	NVIDIA Quadro	NVIDIA Quadro
Display Size	17.3" Flat Panel (built-in)	32" Flat Panel	17" Flat Panel (drawer)
Display Resolution	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160
Maximum Number of Displays	Up to 3	Up to 4	Up to 4
Input Voltage	100 VAC to 240 VAC 50/60 Hz autosensing		
Typical Power Requirements	300 Watts	500 Watts	500 Watts
Dimensions (HxWxD)	1.6" x 16.4" x 10.65"	13" x 6.95" x 13.58"	1.68"H x 19"W x 23.19"D
Max Weight (includes hard drives)	8.5 Lbs (3.86 kg)	33 Lbs (14.97 kg)	19.1 Lbs (8.66 kg)

---

[11] Options for XR2-based teamSOIGNE rackmount clients are available upon request.

TeamSENTINEL/TeamSOIGNE GUIs

For a detailed discussion of Espy's teamSENTINEL/teamSOIGNE software and graphical user interfaces (GUIs), please refer to, "Espy Software Capabilities Overview TEC2015-01-A02".
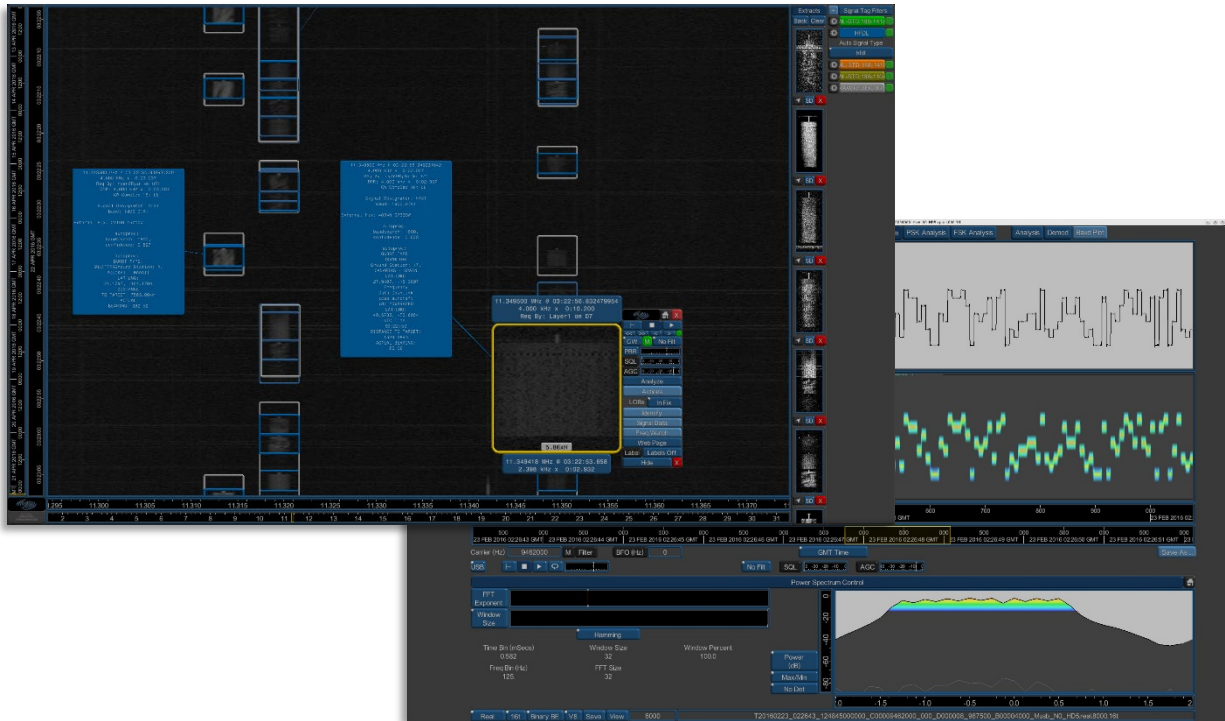
Figure 23: teamSOIGNE GUIs, tsspectrum and tsanalyzer

Figure 24: tsglobe showing AoA-DF fix results outside the USA

TeamSENTINEL/TeamSOIGNE GUIs | The Espy Corporation
Copyright © 2014-2020 The Espy Corporation   *Technical Data contained on this page is approved for export.*