

Technology (IT) toolboxes must be developed to support the Urban Forest Strike Teams.

Objective:

- Create a hardware system¹ for UFST training & response
- Create a dedicated system always available for response
- Create a system that eliminates compatibility issues typically experienced
- Use best available technology with moderate accuracy (1-3 meter)
- Provide appropriate support for field crews and the Team Leader

In addition to the team toolboxes which are housed at each state U&CF office, IT Toolboxes will be housed regionally with additional team toolboxes.

Two (2) IT Toolboxes are needed to support response and training.

IT Toolbox:

Check	Component	Cost	Required	Licensed
Cases				
<input type="checkbox"/>	Pelican as needed	1,200	5	NA
Hardware				
<input type="checkbox"/>	Laptops (8 Gbyte RAM, 160 Gbyte drive, 512 Mbyte video); HP	5,000	3	NA
<input type="checkbox"/>	External Hardrive (USB, 500 Gbyte)	250	1	NA
<input type="checkbox"/>	Color Inkjet Printer (13x19; specs like HP K8600 or 2800)	500	1	NA
<input type="checkbox"/>	Flat Panel Monitor (24"; 1680x1050, 4:3)	400	1	NA
<input type="checkbox"/>	Wireless Network	100	1	NA
<input type="checkbox"/>	Broadband Card (1); plus monthly fee	100	1	NA
<input type="checkbox"/>	GPS Units w/Antenna (Nomad/Garmin like GFC)	23,000	6	NA
<input type="checkbox"/>	LCD Projector	1,200	1	NA
<input type="checkbox"/>	Vehicle GPS Units (specs like Tom Tom or Garmin Nuvi 200)	1,500	6	NA
Software				
<input type="checkbox"/>	ArcMap (GIS mapping and reporting)	5,000	1	Yes
<input type="checkbox"/>	Firefox (Internet browser)	0	3	GPL
<input type="checkbox"/>	Internet Explorer (MS Internet browser)	0	3	Yes
<input type="checkbox"/>	OpenOffice Suite (MS Office replacement)	0	3	GPL
<input type="checkbox"/>	IrfanView (Photo editing of EXIF headers in images)	150	3	Yes
<input type="checkbox"/>	Adobe Acrobat (PDF editing & creation software)	150	3	Yes
<input type="checkbox"/>	SnagIt (Screen capture utility)	120	3	Yes
<input type="checkbox"/>	SOLOforest (on GPS data collectors)	6,000	6	Yes
<input type="checkbox"/>	WinZIP	50	1	Yes
Supplies/Misc				
<input type="checkbox"/>	Paper (8½ x11 and 11x17); Reams	55	2	NA
<input type="checkbox"/>	Cardstock (8½ x11); Reams	10	1	NA
<input type="checkbox"/>	Laser Pointers	700	6	NA
<input type="checkbox"/>	Cat 5 cables	50	2	NA
<input type="checkbox"/>	Misc cables	50	3	NA
<input type="checkbox"/>	Spare stylus	100	6	NA
Estimated Total Hardware/Software Cost		46,000		

¹ Hardware, software and supporting accessories.

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Trimble GPS units and TerraSync is not an acceptable substitute for UFST. The Cresnet GPS can be used but is more expensive and a heavier backpack. Probably not justified.

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