

## Tech Guidelines for ROAM Users

If you're not very, very comfortable with computers, we suggest using the services of a certified Mac tech to setup your 'Virtual Machine' (VM) and install & update Windows. The following technical information will help you and your tech complete this process prior to installing RADAR & EH. Please be sure to consult the instructions included with all software, and check product websites for updates and guidelines prior to installation.

Table 1: Virtual Machine (VM) Software Options & System Requirements for the Intel Mac

	Fusion www.vmware.com	Parallels www.parallels.com	Boot Camp www.apple.com
*RAM (Recommended)	2-4G total; devote ½ to VM	2-4G total; devote ½ to VM	n/a
VM RAM (Minimum)	512MB	1G	n/a
Hard Disk Space for VM (Recommended)	20G	20G	**20G
OSX Version	10.4.9 or higher	10.4.9 or higher	10.4.9 or higher (included w/ 10.5)

### \* About RAM

The VM utilizes a portion of total system RAM, typically 1 GB. 1 GB total system RAM allows 512 MB each for OSX & Windows during VM operation. This may not be enough to run some of the newer Mac or PC software programs. 2-4 GB total RAM allows at least 1GB for each operating system during VM use, and is preferred. The additional RAM accounts for other Windows applications that may be running alongside RADAR & EH, as well as Mac OSX applications.

OSX may share the RAM that is allocated to the VM. Both Fusion & Parallels have settings that can give priority to Mac OS operations or to VM operations. When the VM is not running, OSX accesses all physical RAM in the computer.

### \*\* About Hard Disk Space

Boot Camp creates a permanent physical partition on the Mac HD. The computer must be rebooted in order to switch from Mac to VM operation, making it impossible to use RADAR & EH alongside Mac applications. The Boot Camp partitioned drive space cannot be accessed by OSX, and can only be removed by reformatting hard drive.

Table 2: Virtual Machine (VM) & Windows Settings

VM RAM	512 MB (min) 1G preferred	For smooth operation of all programs on the VM.
VM Hard Disk Space	20 G (min)	VM software may default to smaller HD space on installation. Watch this setting on installation.
USB Port	Enable auto connect	Required if plugging in mouse or other USB device, including RADAR Software key.
VM Graphics	Min. 1024 x 768	
Internet	VM must connect to the internet for RADAR & other software updates.	
Software Updates	Always install current software, then update VM & Windows software via internet before loading RADAR & EH.	

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