



**NG Reach Specific Requirements:**

**Online Minimum System Requirements**

|                            | <b>Client PC</b>  | <b>Client Apple</b>              |
|----------------------------|---|----------------------------------|
| <b>Operating System</b>    | Windows XP SP 3, Vista  | OS 10.3 (10.4 recommended)       |
| <b>Processor speed</b>     | Pentium 4 2.33 GHz Athlon™ 64 2800+ processor (or equivalent)   | G4 processor (Intel recommended) |
| <b>RAM</b>                 | 256 MB RAM<br>(512 MB recommended)  | 512MB RAM<br>(1 GB recommended)  |
| <b>VRAM</b>                | 64 MB VRAM (128 MB VRAM recommended)  |                                  |
| <b>Screen display</b>      | 1024x768 resolution, thousands of colors display  |                                  |
| <b>Web Browser</b>         | Internet Explorer 7.0 or Firefox 2  | Safari 3 or Firefox 2            |
| <b>Audio</b>               | SoundBlaster PCI/AC97 compatible sound device with DirectSound support (if a second soundcard is present it must be disabled)   | Integrated Soundcard             |
| <b>Other</b>               | Flash Player 9 (10 recommended) <a href="http://get.adobe.com/flashplayer/">http://get.adobe.com/flashplayer/</a><br>Adobe Acrobat Reader 7 or higher <a href="http://get.adobe.com/reader/">http://get.adobe.com/reader/</a><br>Speakers or headphones |                                  |
| <b>Internet connection</b> | High Speed Internet Connection (Cable, DSL) is recommended  |                                  |

**Network Requirements:**

If your network uses a proxy server, please check for the following settings:

- Content Filtering — The NGSP Science URL must be allowed through any content filters that have been implemented.
- TCP/http — Proxy servers and firewalls are configured to allow http on port 80 to the Internet.
- Machine Authentication — If machine authentication is necessary, all machines must be recognized by the proxy server as valid clients.