



Cascade, Elite, and Pro Firmware Versions

Proper function of the Cascade and Cascade Elite neuromonitoring systems requires the firmware on the Cascade and Cascade Elite base unit be the compatible version for the software installed on the PC. The table below lists the compatible base unit version (Base Version) for Cascade software versions (Cascade Version) since 1.3.26. For software versions 2.0 and higher, the Cascade version, base version, junction board version and Estim board version are listed for the Cascade and Cascade Elite base units. Also listed are the PC operating system versions that are compatible with each Cascade version.

To find the Cascade Version and the Base Version for your machine, connect your Cascade or Cascade Elite base unit, launch the Cascade software on the computer, click the help button or open the help menu in the toolbar and select About Cascade. To find the operating system of your PC, click Start, right-click on My Computer and select the Properties option. To manually update firmware, browse to C:\Cadwell\Cascade on your computer, double click Cascade Elite Uploader.exe to update the Cascade Elite or Dsloader.exe for the 16-channel Cascade.

Cascade Version	Base Version	Operating System
1.3.26	2.95	Windows® 98, XP Pro
1.4.11	2.98	Windows® 98, XP Pro
1.5.11	2.99	Windows® 98 SE, XP Pro
1.6.24	3.02	Windows® XP Pro
1.7.6	3.09	Windows® XP Pro
1.8.11	3.11	Windows® XP Pro
1.9.29	3.16	Windows® XP Pro

Hardware Type	Cascade Version	Base Version	Junction Board SW	Estim Board SW	Operating System
16-Channel Cascade	2.0.29	3.20	2.2	5.5	Windows® XP Pro
32-Channel Cascade Elite	2.0.29	3.34	2.1	5.5	Windows® XP Pro
16-Channel Cascade	2.1.85	3.20	2.2	5.8	Windows® XP Pro SP2
32-Channel Cascade Elite	2.1.85	3.57	2.2†	5.8*	Windows® XP Pro SP2
16-Channel Cascade	2.2, 2.3	3.22	2.2	5.8	Windows® XP Pro SP2
32-Channel Cascade Elite	2.2, 2.3	3.59	2.2†	5.8*	Windows® XP Pro SP2
16-Channel Cascade	2.5 SP2	3.27	2.2	5.8 or 5.9	Windows® XP Pro SP3, Windows 7 32-bit
32-Channel Cascade Elite	2.5 SP2	3.86	2.2	5.9* If ES-IX, v0.9	Windows® XP Pro SP3, Windows 7 32-bit
Cascade PRO (16 or 32)	2.5 SP2	1.09	2.2	ES-IX, v0.9	Windows® XP Pro SP3, Windows 7 32-bit
16-Channel Cascade	2.6	3.27	2.2	5.8 or 5.9	Windows 7 32-bit Windows 7 64-bit
32-Channel Cascade Elite	2.6	3.86	2.2	5.9* If ES-IX, v0.11	Windows 7 32-bit Windows 7 64-bit
Cascade PRO (16 or 32)	2.6	1.09	2.2	ES-IX, v0.11	Windows 7 32-bit Windows 7 64-bit
16-Channel Cascade	2.6 SP1	3.33	2.2	5.8 or 5.9	Windows 7 32-bit Windows 7 64-bit
32-Channel Cascade Elite	2.6 SP1	4.02	2.2	5.9* If ES-IX, v0.11	Windows 7 32-bit Windows 7 64-bit

Cascade PRO (16 or 32)	2.6 SP1	1.24	2.2	ES-IX, v0.11	Windows 7 32-bit Windows 7 64-bit
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† Version 2.2 Junction Board SW on the Cascade Elite is only compatible with Cascade Elite Base Version 3.57 and later and is not backward compatible with earlier versions of Cascade Elite Base firmware.

* Version 5.9 Estim Board SW on the Cascade Elite is only compatible with Cascade Elite Base Version 3.57 and later.