Net Force 3.6.0
Release Notes

NetForce version 3.6.0 includes several user interface improvements and other repairs. It also ends support for some earlier hardware systems that have not been sold by AMTI for a number of years. There have been a few features streamlined from earlier versions as well, and these are documented below.

1. Systems removed

All support for the DT-3002 and DigiAmp systems has been abandoned. DT-3034 and AccuSway/AccuGait analog platforms are still supported. The default hardware interface is now digital USB implemented by the Optima/Gen5 and the USB Hall-effect devices.

2. User interface changes

Most of the NetForce user interface remains unchanged. Small improvements include brighter default colors for the data graphs, removal of unused menu items, and better integration of menu choices amongst the different pull-downs.

3.   Output file handling

The *Save* button will now save both BSF and text files by default. Use the File Setup menu to return to saving only BSF data, if that is your preference. The two file types now share naming parameters for automated file naming to minimize the chance of confusion while running repeated tests. If you upgrade NetForce in the middle of a series of tests, make sure there will be no confusion with name prefixes or seed numbers. It is recommended that you check the File Setup menu to determine the naming conventions before continuing such a test sequence.

4. Support for platform extensions

This version of NetForce supports the definition of platform extension hardware using new digital DLL functions. The dimensions of platform extensions can be entered in NetForce and will be added to the platform offset values returned to external software integrated with the AMTI USB device DLL. This will in turn allow the external programs to properly calculate force and moment values applied using the extension hardware.

Platform extension values are accessed through the Platform Calibration dialog under the Hardware Installation menu; see section 18.2.1 of the updated NetForce manual for details.

Platform extension functions are supported in Version 1.3 of the USB device DLL which is distributed with Version 3.6.0 of NetForce. NetForce Version 3.6.0 will *not run* with earlier versions of the DLL, so make sure such versions are deleted from your system before installing Rev 3.6.0 of NetForce. The DLL is named AMTIUSBDevice.dll.

If you are using third-party motion capture software in conjunction with AMTI platforms, and you wish to make use of the platform extension functionality, it is important to make sure that the third-party software is also accessing Version 1.3 of the DLL. Some third-party vendors place copies of the AMTI DLL in directories local to their product, so it may be necessary to remove these other files as well. If the third-party software runs in 64-bit Windows mode, you will need to obtain version 1.3 of the DLL in 64-bit format from AMTI.