



1.6.4 Software Release Notes

For Navigator Software™ version 1.6.4

Hardware Requirements

The software operates current 4500, WAVE (3500) and WAVE-MD instruments and runs on any computer that was running a previous version of the software.

Software Requirements

The 1.6.4 client and server software can be installed on a new system or can upgrade version 1.6.2 or later.

The upgrades will not work automatically with versions earlier than 1.6.2 or with unpublished versions. Contact Transgenomic Customer Service for instructions on how to perform these upgrades.

Upgrade Instructions

Two upgrade guides are now provided in PDF format. A Navigator server upgrade guide should be included on the server upgrade CD. In addition, a new client upgrade guide should be included on the client CD (previously the client upgrade instructions were part of the server upgrade instructions).

Please read all upgrade instructions carefully for 1.6.4

New Features in Version 1.6.4

Table 1: New Features

Analysis	A new chart option has been added that will fade background injections, while highlighting selected injections. This is useful if a large number of injections are loaded in the analysis tab and an attempt is made to inspect a single injection. It is also useful after mutation calling, when the injections are aligned on top of each other.
Backup	A new backup utility is now included in the server installation. This utility includes remote backup, automatic backup scheduling, recovery, and logging functionality. Additionally, the backup file names now include the computer name. This will help when archiving multiple WAVE systems.
Import/Export	The import/export utility now allows partial project imports. After a project file (*.npe) is selected for import, the trays within the file will be presented. One, many, or all of these trays can be selected.
Injection	If configured, Navigator will send an E-mail any time an injection fails. This functionality will help avoid the system sitting idle because of a problem.
Method	Methods cannot be deleted if they have pending injections associated with them. Navigator now helps identify these injections by providing a list of trays that contain them.
Operator	The UV reference value can now be retrieved on a Wave-MD system. A new button has been added to operator that will query the UV detector for the reference value.
Oven Calibration	The current oven calibration and calibration history on Wave-MD, 4500 and turbo ovens are now available.
Queue	The injection queue now provides an estimated run time.
Standby	The D buffer is now available on the 4500 standby setup.

Major Fixes in Version 1.6.4

Table 2: Major Fixes

Import/Export	UTF8 encoding for special characters now works correctly. For example, characters such as ä and é can now be exported and imported.
Injections	The 384 well tray is now functional on the 4500 instrument.
Injections	A rare but severe bug that failed to set the oven temperature on a Wave-MD instrument has been resolved.
Peak Picking	The peak picking parameter limits are now enforced. This prevents extproc and TIntegrator errors.

Known Issues in Version 1.6.4

Table 3: Known Issues

Backup	Navigator backup file names now include the computer name. If a new hard drive is installed, it is imperative that it is configured with a unique name, such as the WAVE serial number. This is necessary in order to distinguish between backups from multiple WAVE systems.
DNA tab	<p>The size limit in the editor for sequence context is 30,000 characters. When importing large sequences from mutationDiscovery.com, the file is parsed into multiple "blocks" not exceeding the 30,000 character limit.</p> <p>In some cases, imported web data (from mutationDiscovery.com) does not show features when the format button is pressed. As a workaround, please close the client and log back in.</p> <p>Deleting sequence across line breaks may inappropriately prevent the user from editing the end of the sequence. The user may select another sequence, then reselect the initial sequence to continue editing.</p>

Questions About 1.6.4

Please contact Transgenomic Technical Support by visiting:

<http://www.transgenomic.com>

and following the Support link.

