

# Data Management in the Attune NxT™ Software Thermo Fisher Scientific

Attune<sup>™</sup> NxT Software v2.7 or higher

# Instructions for Saving and Deleting Data

This document describes options for managing (saving and/or deleting) data in the Attune NxT<sup>™</sup> software. Please note that it is critical for you (the customer) to review all instructions completely prior to executing steps outlined in this document. We recommend archiving data prior to deletion.



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# Data included in the Attune NxT<sup>™</sup> Software

There are many types of data associated with the Attune NxT<sup>™</sup> Cytometer and software (Figure 1). End users create "data" each time a tube or plate experiment is created and FCS files are recorded during sample acquisition. Data also refers to other inputs into the software, such as instrument management information that allow the cytometer to collect samples, retain performance data and log information.

User management data is retained by the software and provides instructions to manage user accounts, security, and user preferences. Data saved from analysis of results includes information stored in the heat map, results table, and overlay settings.



Figure 1. Data within the Attune NxT Software

# Saving User data

There are many options for saving user data from the Attune NxT<sup>™</sup> software. Tube and plate experiment files (.apx and .atx) or individual FCS files (.fcs) may be exported from the software and stored in a secondary location. Alternatively, the Attune NxT<sup>™</sup> Database Utility program can be used to create a copy of all the experiments and associated data files in the software at the time the backup is created.



# Choosing one or more data archiving methods

When a tube experiment file is exported as an .atx file the information saved includes all data associated with the experiment: groups and samples, recorded FCS files, run protocol settings, instrument settings, workspace settings, compensation files and settings, heat map settings, sample lists, overlays, print settings, and the results table settings.

When a plate experiment is exported as an .apx file the information that is saved includes the same information as an experiment file and also includes plate layout information and the plate collection settings.

When FCS files are exported a user may save the file as a FCS 3.0 or FCS 3.1 file data standard. The information that is saved includes the raw data acquired for the sample and associated sample information that is annotated using FCS file keywords. Some keywords provide annotation and standardization about the sample (such as cytometer used for acquisition, time of acquisition, number of events, etc.), while others are Attune NxT<sup>™</sup> custom keywords (including flow rate, etc.) or user defined custom keywords as created by the end user (examples: dilution factor, patient ID, etc.). FCS files may be re-imported individually into the Attune NxT<sup>™</sup> software or analyzed using other flow cytometry analysis software.

When the Attune NxT<sup>™</sup> Database Utility program is used as a file backup system the information that is saved includes all data files used in the software as described above and also includes user management settings (profiles, user settings, security settings), instrument configuration settings, baseline and performance test data, and instrument data logs.

# **Database Backup**

The Attune NxT<sup>™</sup> Database Utility is a data backup program that is provided with the Attune NxT<sup>™</sup> software. This utility program allows the user to backup user data to a custom location, either ondemand or at a specified, scheduled frequency. The database utility copies all user data located in the "Users\Public\Public Documents\Thermo Fisher\ AttuneNxt\Userdata" and exports the database to the specified location defined by the user.

The database backup file that is created is called "attunenxt.backup" and includes information regarding the data structure. The data that is copied during the backup are located in the other folders in the backup location; these include copies of the Log files, Smart Monitor Data, and Userdata folders.

orary 🔻 Share v	vith ▼ Burn New folder			
	▲ Name	Date modified	Туре	Size
	🍑 Logs	12/12/2018 3:54 PM	File folder	
	SmartMonitor	12/12/2018 3:54 PM	File folder	
	🌗 Userdata	12/12/2018 3:55 PM	File folder	
	attunenxt.backup	12/12/2018 3:54 PM	BACKUP File	597 KB

Within the Userdata folder are folders for each account created in the software, including the default accounts of service, sysadmin and admin, as well as custom, user created accounts.



Within the folder for each user profile is data for each user account, including saved FCS files and data associated with experiment and plate files, including: instrument settings, workspaces, compensation settings, run protocols, heat map settings, print settings, overlay settings, sample list settings and results table settings. The data is grouped into folders with an easily identifiable name (instrument settings, run protocol settings, and workspace settings) or saved in a folder with a Globally Unique Identifier label (GUID) that corresponds to the ID of the sample or experiment.

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	퉬 instsettings	12/12/2018 3:54 PM	File folder
	퉬 runprotocol	12/12/2018 3:55 PM	File folder
	퉬 wkspc	12/12/2018 3:55 PM	File folder
-	AttuneOptions.config	12/12/2018 3:54 PM	XML Configuratio

re with	<ul> <li>Burn New folder</li> </ul>		
*	Name	Date modified	Туре
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	📄 expoverlay.xml	10/18/2018 12:18	XML Document
	expprintsettings.xml	10/18/2018 12:18	XML Document

# How to Save and Export Plate and Tube Experiment Files

**Step 1** In the Experiment Explorer, right click on the Experiment or Plate name. In the right-click context menu, select Export→Experiment (or Plate)

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Bubble tes	Delete 1	▲ Experir Con	Rename
Experiment	Import Sample List	⊳ 🥫 Gro	Delete
periment	Export •		Import Sample List
atistics	Print	Plate	Export
S Files	Load Workspace	Statistics	Save As Template
mple List	Export Workspace	FCS Files	
	Save As Template	Sample List	

**Step 2** In the Save As dialogue box, select the location to save the file and press Save.



## How to Save and Export FCS Files

**Step 1** Right click on the Experiment or Plate name. In the right-click context menu, select Export→FCS files



**Step 2** In the Select Folder dialogue box, select the location to save all FCS files associated with the experiment or plate.

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rganize 👻 New folder						0
Favorites     Desktop     Desktop     Recent Places     OP Creative Cloud Files     Desktop		Name	No items m	atch your search.	Date modified	I
Folder:	Saved Save as:	4] FCS 3.1	•	Select Folder	Cancel	

# How to Use the Attune NxT<sup>™</sup> Database Utility Program

- **Step 1** Close the Attune NxT<sup>™</sup> Software.
- **Step 2** Open Attune Nx<sup>™</sup> Database Utility program from Start Menu and login as an administrator.



**Step 3** From the 'Backup' tab, select the 'Backup User Data' button

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Backu	p User Da				
					_
					Close

**Step 4** Select the desired location to save the database.



**Step 5** As the backup continues the progress bar will indicate that files are copied. When complete, the dialogue will state "Backup Complete".

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**Step 6** Press the close button to exit the Utility. A complete copy of all data associated with your Attune NxT<sup>™</sup> system has now been created.

# How to Restore Data using a Saved Database

The Attune NxT<sup>™</sup> Database Utility may be used to restore the software from a previously saved database. When user data is restored using a saved database, all data that is currently saved within the Attune NxT<sup>™</sup> software is replaced with data that was saved at the time the database backup was created. The database does not need to be created using the same version of software currently in use.

CAUTION: RESTORATION OF USER DATA FROM A SAVED DATABASE WILL OVERWRITE ALL DATA IN THE ACTIVE, CURRENT INSTANCE OF ATTUNE SOFTWARE. DO NOT RESTORE FROM A SAVED DATABASE WITHOUT ARCHIVING DATA IN THE ACTIVE INSTANCE OF ATTUNE SOFTWARE

- **Step 1** Close the Attune NxT<sup>™</sup> Software.
- **Step 2** Open the Attune NxT<sup>™</sup> Database Utility program from Start Menu and login as an administrator.



**Step 3** Click on the Restore tab and click "Restore User Data".

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**Step 4** In the Open dialogue box, select the correct database backup (attunenxt.backup)

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Organize   New folder		)II • 🔟 🔞
r ☆ Favorites ■ Desktop ■ Downloads	Name All Logs	Date modified 3/10/2017 2:34 PM 3/10/2017 2:34 PM
Recent Places     Creative Cloud Files	attunenxt.backup	3/10/2017 2:35 PM 11/20/2016 11:00
	•	•
File name:	attunenxt.backup 👻	AttuneNxT Backup (.backup) (* 👻 Open Cancel

Step 5 The database restoration will begin immediately. During data restoration the progress to completion will be indicated. At the end of database restoration, "Restore Complete" will be displayed above the progress bar.





**Step 6** The Attune NxT<sup>™</sup> Software now contains data, including Experiments, FCS files, user profiles, etc., from the database used for restoration.

# How to Copy a Database to a Different Computer

Copying an instance of the Attune NxT<sup>™</sup> software to a new computer is a 4-phase process that includes backing up data using the Attune NxT<sup>™</sup> Database Utility, copying all files to a new computer using an external hard drive or network location, installing the Attune NxT<sup>™</sup> software on the new computer and re-installation of the saved database.



#### Phase I: Save data using the Attune NxT<sup>™</sup> Database Utility Program

- **Step 1** Close the Attune NxT<sup>™</sup> Software.
- **Step 2** Open Attune Nx<sup>™</sup> Database Utility program from Start Menu and login as an administrator.



**Step 3** From the 'Backup' tab, select the 'Backup User Data' button



**Step 4** Select the desired location to save the database.

Attune NxT Data Management version 1.0
For Research Use Only. Not for use in diagnostic procedures.

Browse For Folder	
Select a folder for database backup	
🧮 Desktop	<u> </u>
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**Step 5** As the backup continues the progress bar will indicate that files are copied. When complete, the dialogue will state "Backup Complete".

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**Step 6** Press the close button to exit the Utility. A complete copy of all data associated with your Attune NxT<sup>™</sup> system has now been created.

#### Phase 2: Copy data and backup file to network or external hard drive

Step 7 Navigate to the location on the computer where the database file and associated data were saved. Copy all of the data (folders and attunenxt.backup file) to another location (network location or external hard drive).

#### IMPORTANT! FAILURE TO COPY ALL DATA FOLDERS WILL CAUSE DATABASE RESORATION STEPS BELOW TO FAIL.

<ul> <li>Include in library</li> <li>Share v</li> </ul>	with 🔻 Burn New folder		
ites	^ Name	Date modified	Туре
ор	🌗 Logs	12/12/2018 3:54 PM	File folder
loads	SmartMonitor	12/12/2018 3:54 PM	File folder
nt Places	🌗 Userdata	12/12/2018 3:55 PM	File folder
tive Cloud Files	attunenxt.backup	12/12/2018 3:54 PM	BACKUP File

#### Phase 3: Install software on new computer

- **Step 8** Install the Attune NxT<sup>™</sup> Software on the secondary computer. (Complete instructions are included in the software release notes).
- **Step 9** Close the Attune NxT<sup>™</sup> Software (if open).

#### Phase 4: Restore database using Attune NxT<sup>™</sup> Database Utility

- **Step 10** Copy all data folders and attunenxt.backup file to the new computer.
- **Step 11** Open the Attune NxT<sup>™</sup> Database Utility program from Start Menu and login as an administrator.



**Step 12** Click on the Restore tab and click "Restore User Data".



**Step 13** In the Open dialogue box, select the database backup (attunenxt.backup) file that was saved on the computer.

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Organize 🔻 New folder		III • 🔟 🔞
☆ Favorites	Name	Date modified
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🐌 Downloads	saved files	3/10/2017 2:34 PM
Recent Places	鷆 Userdata	3/10/2017 2:35 PM
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	<	,
File name:	۲ ست attunenxt.backup	<ul> <li>AttuneNvT Backup (,backup) (* *)</li> </ul>

**Step 14** The database restoration will begin immediately. During data restoration the progress to completion will be indicated. At the end of database restoration, "Restore Complete" will be displayed above the progress bar.

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Re-Inst					

	Backup	Restore	Schedule Backup	_
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estc	ve Comple	te		

**Step 15** Close the Attune NxT<sup>™</sup> Database Utility program. The Attune NxT<sup>™</sup> Software now contains data, including Experiments, FCS files, user profiles, etc., from the database used for restoration.

# How to Permanently Remove Saved Data from the Attune NxT<sup>™</sup> Computer

The recommended method for deletion of data from the Attune NxT<sup>™</sup> software is to delete tube or plate experiments from the Experiment Explorer within each user profile. Other options are provided below in the instance that deleting files from individual user accounts is not possible.



# **Deletion of Experiment and Plate Files**

- **Step 1** Login to the user account that includes data for deletion.
- **Step 2** Right click on the Experiment, Plate or sample name. In the right-click context menu, select Delete.





*Optional:* Multiple tube experiments, plate experiments, or FCS files may be selected at once for bulk deletion by selecting each file individually while holding the Ctrl key on the keyboard

<ul> <li>▲ admin</li> <li>▶ ⊞ Plate</li> </ul>		✓	ws is 1/2/201
<ul> <li>Experiment(2)</li> <li>Experiment(1)</li> <li>Experiment(4)</li> <li>Voltage walk te</li> </ul>	WS IS WS IS WS IS Add Group	Group Sample Sample(1) Sample(2) Sample(3)	Open Sample Duplicate Sam Rename Samp
<ul> <li>▶          Bubble test         ▶          Experiment      </li> </ul>	Duplicate Exp Rename Expe Delete	Sample(5) Sample(4) Sample(5) Sample(6)	Delete View FCS File

**Step 3** In the Delete dialogue box, confirm the file deletion by selecting Yes or Cancel. Once files are deleted from the software they are sent to the Recycle bin of the computer.



**Step 4** Remove deleted files permanently from the computer by emptying the Recycle Bin of the computer. Right click on the Recycle Bin icon and select Empty Recycle Bin. Alternatively, open Recycle Bin and select files to permanently delete.



# **Other Options for Permanent Data Removal**

## **Re-installation of a New Database**

The Attune NxT<sup>™</sup> Database Utility may be used to re-install a new, empty database. Installation of a new database will completely erase all existing data and user accounts in the current, active instance of Attune NxT<sup>™</sup> software.

# CAUTION: DO NOT RE-INSTALL A NEW DATABASE WITHOUT SAVE AND EXPORT OF EXPERIMENTS AND FILES FROM THE ATTUNE SOFTWARE.

- **Step 1** Close the Attune NxT<sup>™</sup> Software.
- **Step 2** Navigate to C:\Users\Public\Documents\Life Technologies\AttuneNxT. Right click on the "Userdata" folder and select "Delete" from the dropdown menu.



- **Step 3** Open the Attune NxT<sup>™</sup> Database Utility program and login as an administrator.
- **Step 4** In the status menu, select "Re-install Database" from the bottom left corner.



**Step 5** Confirm intent to install a new database by clicking OK or Cancel.



**Step 6** A new database will be created as soon as OK is pressed. Press Close when finished.



Step 7 Open the Attune NxT<sup>™</sup> Software. Remember, the new database does not include any data for previously created accounts.
 NOTE: Login to the software using one of the default account settings (sysadmin or admin). The default user name for the administrator account is admin; the default password is

admin. The default user name for the system administrator account is sysadmin; the default password is sysadmin.

# **Deleting a User Account to Remove Data**

The recommended method for deletion of data from the Attune NxT<sup>™</sup> software is to delete tube or plate experiments from the Experiment Explorer within each user profile. In instances where this cannot be completed, instructions are provided below.

If a user account is no longer needed it may be deleted.

# CAUTION: THE PROCEDURE BELOW WILL PERMANENTLY DELETE THE USER ACCOUNT AND ALL ASSOCIATED FILES. WE DO NOT RECOMMEND DELETION OF A USER ACCOUNT WITHOUT BACKUP OF USER DATA TO ANOTHER EXTERNAL LOCATION.

- Step 1Login as the System Administrator.NOTE: The default username is sysadmin and the default password is sysadmin.
- **Step 2** In the options menu, navigate to the User Management page.

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t Options	<u> </u>	00 0001	Edit Osci	Reactingationa	chunge russi	Nord
te Options	Active	User Name	First Name	Last Name 🔶	Role	Delete
port Options	V	service	service	default	Service	D
ats Ontions		admin	admin	default	Administrator	[X]
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word Options	<b>V</b>	User	User	NewUser	User	[X]
ministrator	V	Markus	Markus	S	Administrator	[X]
er Management		Barb	Barb	S	Deleted	Deleted
nfiguration						

**Step 3** Select the user to delete, and press the X in the Delete column. In the Delete User Dialogue box, confirm account deletion by selecting OK or Cancel.

General Colors and Themes	User	Manager	nent			
Fonts and Styles						
Plot Options		dd User	Edit User	Reset Password	Change Pass	word
Sate Options	Active	User Name	First Name	Last Name 🔶	Role	Delete
xport Options		service	service	default	Service	D4
tats Options		admin	admin	default	Administrator	DQ
	<b>V</b>	sysadmin	sysadmin	default	System Administrator	DX]
yword Options		User	User	NewUser	User	Deleted
ministrator	<b>V</b>	Markus	Markus	S	Administrator	D.
er Management		Barb	Barb	S	Deleted	Deleted
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**Step 4** Once the account has been deleted, the user status box will be uncheck and may not be reenabled by selecting the Active box.

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t Options	Add User	Edit User	Reset Password	Change Pass	word
te Options	tive User Name	First Name	Last Name	Role	Delete
oort Options	service	service	default	Service	DXI
to Options	admin	admin	default	Administrator	[X]
	sysadmin	sysadmin	default	System Administrator	[X]
word Options	User	User	NewUser	User	Deleted
ninistrator	Markus	Markus	S	Administrator	[X]
- Menore 1	Barb	Barb	S	Deleted	Deleted
nfiguration	Enable User			×	
ources	Deleted	user 'User' cannot be made	e active.		
				OK	

Step 5 Although the user account has been deleted, all associated user data remains in the Attune NxT<sup>™</sup> database until the data is manually deleted. Navigate to C:\Users\Public\Documents\Life Technologies\AttuneNxT\Userdata\X where X is the user account name.

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ary 🔻	Share with 🔻 🛛 Burn 🔹 New folde	er		
	Name	Date modified	Туре	5
	\mu admin	2/14/2019 4:01 PM	File folder	
	퉬 Markus	2/15/2019 10:02 AM	File folder	
	퉬 PerformanceTestResults	2/13/2019 4:37 PM	File folder	
	퉬 service	2/14/2019 5:12 PM	File folder	
	퉬 sysadmin	2/15/2019 10:03 AM	File folder	
	🚺 User	2/15/2019 10:06 AM	File folder	

- **Step 6** Right-click on the user account data folder and select 'delete' from the drop down menu.
- **Step 7** Confirm deletion in the Delete Multiple Items dialogue box by selecting Yes or No.

Delete Fo	older	23
	Are you sure you want to move this folder to the Recycle User Date created: 2/15/2019 10:11 A	: Bin? M
	Yes	No

**Step 8** Remove deleted files permanently from the computer by emptying the Recycle Bin of the computer. Right click on the Recycle Bin icon and select Empty Recycle Bin. Alternatively, open Recycle Bin and select files to permanently delete.



Step 9NOTE: The folder corresponding to the deleted account will still be visible in<br/>C:\Users\Public\Documents\Life Technologies\AttuneNxT\Userdata\X where X is the user<br/>account name. The folder may be opened and will include empty subfolders and no actual<br/>data.

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	Name	Date modified	Туре	
	🍌 admin	2/14/2019 4:01 PM	File folder	
	퉬 Markus	2/15/2019 10:02 AM	File folder	
	퉬 PerformanceTestResults	2/13/2019 4:37 PM	File folder	
	퉬 service	2/14/2019 5:12 PM	File folder	
	퉬 sysadmin	2/15/2019 10:03 AM	File folder	
	🔒 User	2/15/2019 10:06 AM	File folder	

# Permanent Removal of old Baseline and Performance Test Data

Baseline and Performance test generate many data files including xml files associated with laser delay and test results, FCS files, FCS files, .CSV files, and , log files annotating steps that occur during baseline and performance test.

퉬 BL-2019-02-13T16.19.18.000	2/13/2019 4:22 PM	File folder
퉬 BL-2019-02-13T16.33.44.000	2/13/2019 4:37 PM	File folder
퉬 PT-2019-02-13T15.53.01.000	2/13/2019 3:54 PM	File folder
PT-2019-02-13T15.55.00.000	2/13/2019 3:56 PM	File folder
퉬 PT-2019-02-13T16.03.13.000	2/13/2019 4:04 PM	File folder
BL-2019-02-13T14.55.43.000LaserDelay.xml	2/13/2019 3:51 PM	XML File
BL-2019-02-13T14.55.43.000Results.xml	2/13/2019 3:51 PM	XML File
BL-2019-02-13T16.19.18.000Results.xml	2/13/2019 4:22 PM	XML File

Baseline and Performance test data are stored in two locations in the Attune NxT<sup>™</sup> software: directly in the database and in the Public Documents folder. Within the Attune NxT<sup>™</sup> software, data is pulled directly from the database to view Baseline or Performance Test Results, Levey-Jennings data, Performance History and the Baseline Report.



Performar	Ice Test Inst	rument		_	_	_	_	_	_	_
Menu Test General	History	PT Result Repo View	t Report		_		_	_		_
Racolina	Teet	Reculto								
Basolino tos	teuccoseful	Results	,							
seline 756080D	- 2/13/2019	•							2/13/2019 2:55	43 PM 🔹 💙
Channel	PMTV	Target MFI	MFI	Robust %CV	Qr	Background	Linearity	ASF	Laser Delay	Result
FSC	487	300,000	298,796	1.68 %	0.000	0	0.000	1.11	1100	0
SSC	285	300,000	294,170	3.21 %	0.000	0	0.000	1.11	1100	0
BL1	378	300,000	295,691	1.24 %	0.047	127	1.000	1.11	1100	0
BL2	311	300,000	295,495	1.17 %	0.065	169	0.966	1.11	1100	0
BL3	349	300,000	299,207	1.82 %	0.049	39	1.000	1.11	1100	0
RL1	333	300,000	295,093	3.84 %	0.066	100	0.997	1.04	1497	0
RL2	353	300,000	296,932	3.60 %	0.010	306	1.000	1.04	1497	0
RL3	423	300,000	297,819	4.01 %	0.047	141	0.998	1.04	1497	0
VL1	297	300,000	300,000	2.80 %	0.010	2738	1.000	1.14	702	0
VL2	325	300,000	294,262	2.64 %	0.010	1001	0.997	1.14	702	0
VL3	324	300,000	296,212	2.78 %	0.016	182	0.996	1.14	702	0
VL4	397	300,000	297,477	3.42 %	0.003	298	0.987	1.14	702	0
YL1	381	300,000	294,021	1.33 %	0.081	37	0.999	1.12	305	0
YL2	348	300,000	297,493	1.27 %	0.046	68	0.972	1.12	305	0
YL3	392	300,000	299,462	2.07 %	0.035	134	0.999	1.12	305	0



Over time, the PerformanceTestResults folder (X:\Users\Public\Documents\Life Technologies\AttuneNxT\Userdata) may become very large. Files contained within the folder may be removed following the steps described below.

# To Remove Baseline and Performance Test Data in Attune NxT<sup>™</sup> Software version 2.7 or earlier:

**Step 1** Navigate to the PerformanceTestResults folder (X:\Users\Public\Documents\Life Technologies\AttuneNxT\Userdata)

Jsers > Public > Public Documents > Life	Technologies ► AttuneNxT ► Userdata
with 🔻 Burn New folder	
Name	Date modified Type
🐌 admin	2/14/2019 4:01 PM File folde
🌗 Markus	2/15/2019 10:02 AM File folde
PerformanceTestResults	2/13/2019 4:37 PM File folde
service	2/14/2019 5:12 PM File folde
퉬 sysadmin	2/15/2019 10:03 AM File folde

**Step 2** Within the folder, organize data based on the "Date Modified column" by clicking on the Date Modified column header.

<ul> <li>Burn New folder</li> </ul>	_	
Name	Date modified	Туре
BL-2019-02-13T16.33.44.000Results.xml	2/13/2019 4:37 PM	XML File
BL-2019-02-13T16.19.18.000Results.xml	2/13/2019 4:22 PM	XML File
PT-2019-02-13T16.03.13.000Results.xml	2/13/2019 4:04 PM	XML File
PT-2019-02-13T15.55.00.000Results.xml	2/13/2019 3:56 PM	XML File
PT-2019-02-13T15.53.01.000Results.xml	2/13/2019 3:54 PM	XML File
BL-2019-02-13T14.55.43.000LaserDelay.xml	2/13/2019 3:51 PM	XML File
BL-2019-02-13T14.55.43.000Results.xml	2/13/2019 3:51 PM	XML File
퉬 BL-2019-02-13T16.33.44.000	2/13/2019 4:37 PM	File folder
퉬 BL-2019-02-13T16.19.18.000	2/13/2019 4:22 PM	File folder
BL-2019-02-13T16.17.05.000	2/13/2019 4:17 PM	File folder
BL-2019-02-13T16.16.08.000	2/13/2019 4:16 PM	File folder
BL-2019-02-13T16.15.06.000	2/13/2019 4:15 PM	File folder

Step 3 Select data to delete based on the date the data was created. It is our recommendation to keep the last 3 months of data in the folder in case these files are needed for troubleshooting. In the example shown, select files created prior to November 13 2018.

*	Name	Date modified
	DL-2018-06-29T09.32.25.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T09.38.54.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T09.52.31.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T10.22.27.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T10.26.12.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T10.29.02.000	9/20/2018 2:17 PM
Ξ	퉬 BL-2018-06-29T10.38.17.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T11.55.38.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T12.40.33.000	9/20/2018 2:17 PM
	퉬 BL-2018-06-29T12.42.53.000	9/20/2018 2:18 PM

**Step 4** Multi-select the appropriate files to delete, right click, and select "delete" from the drop down menu to delete the files.

BI -2018-06-29T09 32 25 000		0/20/2018 2:17 014 52-4-1
BL-2018-06-29T09.38.54.000		Open
BL-2018-06-29T09.52.31.000		Open in new window
BL-2018-06-29T10.22.27.000		Add to VLC media player's Playlis
BL-2018-06-29T10.26.12.000		Play with VLC media player
BL-2018-06-29T10.29.02.000	5	Snagit
🝌 BL-2018-06-29T10.38.17.000	-	Combine files in Acrobat
BL-2018-06-29T11.55.38.000	4	combine mes in Acrobatin
BL-2018-06-29T12.40.33.000 BL-2018-06-29T12.42.53.000		Scan for Viruses
		Send to
		Cut
		Сору
		Create shortcut
	- 0	Delete

**Step 5** Confirm the deletion by clicking yes.

Delete M	lultiple Items	83
	Are you sure you want to move these 10 items to the Recycle Bin?	

**Step 6** Remove deleted files permanently from the computer by emptying the Recycle Bin of the computer. Right click on the Recycle Bin icon and select Empty Recycle Bin. Alternatively, open Recycle Bin and select files to permanently delete.



#### To Remove Baseline and Performance Test Data in Attune NxT<sup>™</sup> Software version 3.1:

**Step 1** Open the Attune NxT<sup>™</sup> Software and login to an administrator account.

**Step 2** Archive at least 3 months of Baseline and Performance Test Data prior to deletion using the "Export Logs for Service" function. Within the Instrument tab of the ribbon bar, click "Export Logs for Service" button.



**Step 3** In the Export Logs for Service dialogue box, select the Date Range to Export and check the "Performance Test Logs" option and click "Export".

Export Logs for Service	×
Select Date Range to Export	
11/17/2018 🛗 to 2/15/2019 🛗	
Select Log Types to Export:	
Select All	
System and USB Logs	
Performance Test Logs	
Exception Logs	
Installation Logs	
Automation Logs	
Export	Cancel

**Step 4** In the Save as dialogue box, select the file to save the data and press "Save". All files required for troubleshooting will be exported to the save location as a zip folder.

🔜 Save As		
Co	mputer > Data (E:) > - 45 Search Data (E:)	٩
File name:	AttuneServiceLogs 2019-02-15 11-02-15.zip	-
Save as type:	ZIP (*.zip)	╗
Browse Folders	Save Cancel	ا ب:



**Step 7** Navigate to the PerformanceTestResults folder (X:\Users\Public\Documents\Life Technologies\AttuneNxT\Userdata)

Users   Public   Public Documents   Life To	echnologies 🕨 AttuneNxT 🕨 U	lserdata 🕨
e with 🔻 Burn New folder		
Name	Date modified	Туре
퉬 admin	2/14/2019 4:01 PM	File folder
퉬 Markus	2/15/2019 10:02 AM	File folder
PerformanceTestResults	2/13/2019 4:37 PM	File folder
🌗 service	2/14/2019 5:12 PM	File folder
퉬 sysadmin	2/15/2019 10:03 AM	File folder

**Step 8** Open the folder. Multi-select all files within the folder, right click, and select "delete" from the drop down menu to delete the files.

BL-2018-06-29T09.32.25.000	-	0/20/2010 2:17 DM El- 4-1
BL-2018-06-29T09.38.54.000		Open
BL-2018-06-29T09.52.31.000		Open in new window
BL-2018-06-29T10.22.27.000		Add to VLC media player's Playlis
BL-2018-06-29T10.26.12.000		Play with VLC media player
BL-2018-06-29T10.29.02.000	5	Snagit
BL-2018-06-29T10.38.17.000	-	Combine files in Acrobat
BL-2018-06-29T11.55.38.000	4	combine mes inverses in
BL-2018-06-29T12.40.33.000		Scan for Viruses
BL-2018-06-29T12.42.53.000		Send to
		Cut
		Сору
		Create shortcut
	- 0	Delete
	100	-

**Step 9** Confirm the deletion by clicking yes.

Delete M	lultiple Items
5	Are you sure you want to move these 10 items to the Recycle Bin?

**Step 10** Remove deleted files permanently from the computer by emptying the Recycle Bin of the computer. Right click on the Recycle Bin icon and select Empty Recycle Bin. Alternatively, open Recycle Bin and select files to permanently delete.

