## PathTracker

Making Drilling Easier



## Tips | Tricks | News-Info | #5

## Load Survey Data Using PathTracker's "Import Wizard"

PathTracker makes it very easy to import survey file information. PathTracker does this by using an import wizard. The import wizard automatically detects a wide variety of file types, then works interactively with the user to import the survey information.

Important : The PathTracker Import Wizard contains functionality to import;

- Survey Header Information
- Survey Data

Users may find it much easier to first import the **Survey Data**; then manually key the **Header Information** after import is complete.

## This TIPs document will provide steps to only import the survey data.

It should be noted that PathTracker cannot import survey information directly from another DD program. The other DD program must first export (or save) the survey information to an **Ascii Text File**. The Pathtracker import wizard will then import the survey information contained in the **Ascii Text File**.

Pat	hTracker			
File	View Tools License Window Help			
	New Survey File	Ctrl+N		
	Open Survey File	Ctrl+O		
	Import Survey File	•	Ascii Text File	
	1: C:\_Tony\PathTracker\Version22\RonHProblem\16551 Su	urvey.srδ	MMS Ascii File	
	2: C:\ProgramData\PathTracker\Survey\Brian_galleon.sr6			
	3: C:\ProgramData\PathTracker\Survey\Brian_Barrick 8-9-72	2-26.sr6		
	4: C:\ProgramData\PathTracker\Survey\Brian_Barrick 4-10-7	72-26.sr6		
	5: C:\_Tony\PathTracker\Version21\Rob\16215, PROPOSAL	srб		
	Exit PathTracker			
-			1	
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Item 1: From the main menu click File->Import Survey File->Ascii Text File

Open Open	×
🚱 🗢 📲 « ProgramData → PathTracker → Bin → Import 🔹 🗸	Search Import
Organize 🔻 New folder	:= - 🔟 🔞
Recent Places Name	Date modified Type
	02/08/2012 6:13 PM Text Document
Computer	
BlackBerry User T	
File <u>n</u> ame ImportTest.bt	ASCII Text Files (*.bxt)  Qpen Cancel

Item 2: Browse to the folder containing the IMPORT file and open it

Item 3: You will now see the 'Import Wizard'

Step 1 of 5	
	Import Text File Wizard
	This text import wizard requires that the text file be formatted in the following manner:  1. There is no restriction on the number of header or title lines allowed. 2. Each survey station must be on its own line and may not be on more than one line. 3. Data columns must be separated by one of the following characters: spaces, tabs, commas (,), semicolons (;), slashes (/), backslashes (\), or bars ( ) If you would like custom import formats developed, please contact us at one of the numbers listed below:
E T F	E-mail: <u>customer.service@pathtracker.com</u> Telephone (888) 604-0077, or (403) 261-6662 Facsimile: 1-866-847-5564
Skip Head	der Help Cancel < Back Next >

Item 4: The import wizard contains steps 1 thru step 5. Steps 2 and 3 import header information and these screens can be confusing to users. Therefore, a user may find it much easier to click

the **Skip Header** button and advance to Step 4 to import the survey lines. The Header information can be keyed after the import is complete

Step 4 of 5		-				_		X
	ort Survey D	ata						
Enter th	e line number of the fi	rst survey data po moorfTest txt	int:					
0001: 0002:MD INC	Course AZI Lenath	Subsea TVD Depth	N/-S E/-W	ХҮ	Lat Long	Dogleg Severity		*
0003: 0004: 0.0000 0005: 200.0000 0006: 240.0000	0.0000 0.0000 0.0000 0.0000 0.8000 225.0000	0.0000 200.0000 40.0000	0.0000 200.0000 239.9987	4797.0000 4597.0000 4557.0013	0.0000 0.0000 -0.1975	0.0000 0.0000 -0.1974	1416657.154 N ( 1416657.154 N ( 1416656.955 N (	•
					Help	Cancel	< Back Nex	t >

Item 4: After clicking Skip Header the user will see a screen similar to the following.

The use has to "**Enter the line number of the first survey data point**". In the above image, the first survey line is on Line 0004.

Ste	ep 5 of !				Sta	rting Coordinates					
		Import Survey I	Data	_	0	Set Starting Coords by					
- C:	Highlight a column and click a command button to set its contents. Starting coordinates can be set directly or by column. If set by column, only the value in the first survey station is read. C:\PropramData\PathTrackertBin\ImportImmor					Set Starting Coords by     Select Column     Set TybYColumn     eet North Column     Set East Column					
		Dep	th						<b>A</b>		
0	1	0.0000			0.0000		0.0000		0.0000		
1		200.0000			0.0000		0.0000		200.00		
2		240.0000			0.8000	225.0000		40.0000	-		
•						1		1	•		
R	Reset All Columns     Help     Cancel     < Back     Einish >										

So the counter must be set to 4.

Step 4 of 5							
	ort Survey D	ata					
Enter the	e line number of the fir	st survey data poi	nt:				
4	Reset						
C:\ProgramData\Pa	thTracker\Bin\Import\I	mportTest.txt					
0001: 0002:MD INC 0003:	Course AZI Length	Subsea TVD Depth	N/-S E/-W	ХҮ	Lat Long	Dogleg Severity	<b>^</b>
00004: 0.0000 0005: 200.0000 0006: 240.0000	0.0000 0.0000 0.0000 0.0000 0.8000 225.0000	0.0000 200.0000 40.0000	0.0000 200.0000 239.9987	4797.0000 4597.0000 4557.0013	0.0000 0.0000 -0.1975	0.0000 0.0000 -0.1974	1416657.154 N 3 1416657.154 N 3 1416656.955 N 3
•							•
					Help	Cancel	< Back Next >

Then click the **Next** button.

**Item 5:** Now we have to select the columns that contain the MD, INC and AZI. Once again, this screen contains functions to import header information. This header information can be keyed after import of survey lines is completed.

E Step 5 of	5				Nine One director		L		
	Import Su	urvey Data	_	Sta	Set Starting Coord	s by			
C:\Progra	Highlight a column and click a command button to set its contents. Starting coordinates can be set directly or by column. If set by column, only the value in the first survey station is read. Set Azimuth Column Set Azimuth Column								
								<u>^</u>	
0		0.0000		0.0000		0.0000		0.0000	
1		200.0000		0.0000		0.0000		200.00	
2		240.0000		0.8000	225.0000		40.0000		
•				1		1		4	
Reset All Columns     Help     Cancel     < Back     Finish >									

To set the depth column click on the header of the column containing the depth data and click on the **Set Depth Column** button

Now do the same thing for INC and AZI,

Step 5 of	5		tarting Coordinates			
	Import Survey Data		Set Starting Coord	is by		
- C-\Progr	Highlight a column and click a command button to set its contents. Starting coordinates can be set directly or by column. If set by column, only the value in the first survey station is read. Set <u>Depth C</u> Set <u>Depth C</u> Set <u>Inclination</u> Set <u>Azimuth</u>	iolumn I Column	Set Serting Coord Select Columns Set D Co Get North ( Set East Co	is by column column		
	Depth	Inc	Azi.			*
0	0.0000	0.0000		0.0000		0.0000
1	200.0000	0.0000		0.0000		200.00
2	240.0000	0.8000	225.0000		40.0000	
•	III	i			Ì	•
<u>R</u> eset A	II Columns		<u>H</u> elp	Cancel	< <u>B</u> ack	<u> </u>

Item 6: Click Finish and you will see the survey data

Pa	PathTracker - [Imported TXT: 1]									
	🖳 Eile Edit View Tools Window Help – 🗗 🗙									
Cor	npany:									3
We	Il Name:									
Loc	ation:									
Sor	tion calcu	lated on: "	254 3702		Cal	culation Mo	thad: Minin		aturo	J
#	Depth		Azimuth	TVD	SubSea	North	Fast	Section	Dogleg	
	Meters	Degrees	Degrees	Meters	Meters	Meters	Meters	Meters	/30m	
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	200.00	0.00	0.00	200.00	-200.00	0.00	0.00	0.00	0.00	
2	240.00	0.80	225.00	240.00	-240.00	-0.20	-0.20	0.24	0.60	
3	280.00	1.60	225.00	279.99	-279.99	-0.79	-0.79	0.97	0.60	
4	320.00	2.40	225.00	319.96	-319.96	-1.78	-1.78	2.19	0.60	
5	360.00	3.20	225.00	359.92	-359.92	-3.16	-3.16	3.89	0.60	
6	400.00	4.00	225.00	399.84	-399.84	-4.93	-4.93	6.08	0.60	
7	440.00	4.80	225.00	439.72	-439.72	-7.10	-7.10	8.76	0.60	Ŧ
									4	
Vertic	Vertical = 0 INS CAPS NUM									

**Item 7:** Double Click anywhere in the Header (highlighted in above image) to enter Header Information

PathTracker - [Imported TXT: 1]				X	
Eile Edit View Tools Wind	ow <u>H</u> elp			_ 8 ×	
Edit Header Information	8.40.5	الله الأيا	A 2	8 ×	
API / UWI Oil Company Well Name Well Location Other Info					
Surface Coordinate North	0.0000	Section Azimuth	254.3702		
Surface Coordinate East Subsea Reference (KB)	0.0000	Magnetic Declination	0.0000		
Select Units	Select Calculation Method <ul> <li>Minimum Curvature</li> </ul>			OK	
Metric     Vertical is set at 0 degrees	<ul> <li>Radius of Cur</li> <li>Average Angl</li> </ul>	e	Help		
•				Þ	
Vertical = 0			IN	S CAPS NUM .:	

We are done!

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