

Direct Planning

What's new in Direct Planning 3.7?



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Hello,

Volume Software is please to introduce the new features brought by **Direct Planning 3.7**.

Enjoy!

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Jobs

Moving jobs

When moving a job using the mouse, at the edge of the screen, the window is no longer recentered on the job after the moving action.



Import log

After an import, in case of error or warning, Direct Planning enables you to open the import log:



Redesigned for more compactness, it is now displayed in a window which is embedded in Direct Planning.

In the log, the warnings in yellow and errors in red are now easier to identify:

Display import logs					- 🗆
nport from:	2021.11.09-14.47	~ 0 0	Warnings identified during the import		Close
earch			Display only erroneous or warning lines		Display import files
Lignes					
START of log					
09/11/2021 14:47:5	8 :				
Adaptation of in	sport file				
Import of file	\\VOLUPC203\DP Connect\Im	port 3.7_EN\Import	_2021-10-26-10-07-19_0k.csv		
Formatting the	values of various items -	-			
Warning ->> I	Expected start date Hour,	Minute, and Secon	d parameters describe an un-representabl	e DateTime. : 07/02/2017 34:43(Line	20)
Starting import					
Import of: Impor	rt_2021-10-26-10-07-19_0k	csv			
+ (reation Job: [ID:	170001-10] (# 1109) on resource U2		
+ (Ireation Job: [ID:	170001-20] (# 1110) on resource T3		
+ (Ireation Job: [ID:	170001-30] (# 1111) on resource F1		
+ 4	Ineation Job: [ID:	170002-10] (# 1112)) on resource U2		
		170002-20] (# 1113			
+ (170002-30] (# 1114			
+ (Ireation Job: [ID:	170003-10] (# 1115) on resource U1		
+ 0	reation Job: [ID:	170003-20] (# 1116)) on resource T2		

A quick filter is available to view only warnings and errors:

🕥 Display import logs		
Import from:	2021.11.09-14.47 V O Warnings identified during the import	
Search	Display only erroneous or warning lines	

The search field enables you to find quickly a character string in the log.

2



For example, this will allow us to find all the import lines associated with a WO number:

🕜 Display import logs							
Import from:	2021.11.	09-14.47	~	0	0	Wamings identified during the import	
Search	170006	170006				Display only erroneous or warning lines	
Liance							
Lignes							
Lignes	+ Creation	Job: [[ID: 170006-10]	(# 11	24)	on resource U2	
Lignes	+ Creation + Creation	-				on resource U2 on resource T2	

This log file also gives you access to the list of import files, in order to quickly review their content:

			(Close						
ing lines	1		Display	Display import files						
ing inica			Dispidy	import mes						
				^	Manual ale	rt				
-represent	able DateTi	me. : 07/02/2013	7 34:43(Line 2	0						
				V						
0	ist of files in th	e import folder: \\VO	LUPC203\DP Conne	ect\Import 3.7_EN\I	Histo\2021.11.09-14.4	47		-		
Impo	ort files		Import 2021-10)-26-10-07-19 ok.cs	v.ok	~		Cl	ose	
		1			1		10	1		
	#	TASK	Version	Action	ID Ext	Description	ID Ressource	ID Operation	Debut	
E F	1	# TASK	Version	Action	ID Ext	Description	ID Ressource	ID Operation	Debut	
	2	TASK	4	CM	170001-10	Usinage standard	U2	USI1	06/02/2	
	3	TASK	4	CM	170001-20	Traitement stand	Т3	TRA1	07/02/2	
	4	TASK	4	CM	170001-30	Finition standard	F1	FIN1	08/02/2	
	5	TASK	4	CM	170002-10	Usinage standard	U2	USI1	06/02/2	
	6	TASK	4	CM	170002-20	Traitement stand	T2	TRA1	07/02/2	
	7	TASK	4	CM	170002-30	Finition standard	F1	FIN1	08/02/2	
	8	TASK	4	CM	170003-10	Usinage standard	U1	USI1	06/02/2	
	9	TASK	4	CM	170003-20	Traitement stand	T2	TRA1	08/02/2	
	10	TASK	4	CM	170003-30	Finition standard	F2	FIN1	10/02/2	
	11	TASK	4	CM	170004-10	Usinage standard	U1	USI1	06/02/2	
	12	TASK	4	CM	170004-20	Traitement stand	T1	TRA1	07/02/2	
	13	TASK	4	CM	170004-30	Finition standard	F1	FIN1	08/02/2	
	14	TASK	4	CM	170005-10	Usinage standard	U1	USI1	06/02/2	
	15	TASK	4	CM	170005-20	Traitement stand	T2	TRA1	07/02/2	
	16	TASK	4	CM	170005-30	Finition standard	F2	FIN1	09/02/2	
	17	TASK	4	CM	170006-10	Usinage standard	U2	USI1	06/02/2	
	18	TASK	4	CM	170006-20	Traitement stand	T2	TRA1	07/02/2	
	19	TASK	4	CM	170006-30	Finition standard	F2	FIN1	08/02/2	
	20	TASK	4	CM	170007-10	Usinage standard	U1	USI1	07/02/2	
	21	TASK	4	CM	170007-20	Traitement stand	T1	TRA1	08/02/3	
	22	TASK	4	CM	170007-30	Finition standard	F2	FIN1	08/02/3	
		TAOK	4	CM	170008-10	Usinage standard	U2	USI1	06/02/;	
	23	TASK	-	CIN					00/02/1	

You can also browse quickly the import logs from previous imports:

🕜 Display import logs		
Import from:	2021.11.09-14.47	~
Search	2021.11.09-14.47 2021.11.06-14.46	



In the same fashion as you could modify dynamically your machine calendars, by assigning standard days and/or weeks with given week and days, you can now perform these operations using the following import commands:

Command	Description
CAL-ST-L	Addition/Modification/Deletion of the standard week of a given week, using the designation of this standard week.
CAL-ST-C	Addition/Modification/Deletion of the standard week of a given week, using the code of this standard week.
CAL-JT-L	Addition/Modification/Deletion of the standard week of a given week, using the designation of this standard day.
CAL-JT-C	Addition/Modification/Deletion of the standard week of a given week, using the code of this standard day.

Example of modification of the standard week using its designation (CAL-ST-L command):

 Before importing: On machine 2100, the standard week assigned with week 12 is the "2x8 Even weeks" week:

Detailed view of a calendar								
Caler	ndar		2100 KB/	A 6 Colours		Year:	2016 🔷	Eð 🙀 Copy to
Perio	d selection	•						
Wee	ek:To	From	Standard week	Monday	Tuesday	Wednesday	Thursday	Friday
6	08/02	14/02	3x8 Even weeks	3x8	3x8	3x8	3x8	Not worked
7	15/02	21/02		3x8	3x8	3x8	3x8	Friday 3x8
8	22/02	28/02	3x8 Even weeks	3x8	3x8	3x8	3x8	Not worked
9	29/02	06/03		3х8	3x8	3x8	3x8	Friday 3x8
10	07/03	13/03	3x8 Even weeks	3x8	3х8	3x8	3x8	Not worked
11	14/03	20/03		348	3x8	3x8	3x8	Friday 3x8
12	21/03	27/03	2x8 Even weeks	2 8	2x8	2x8	2x8	Not worked
13	28/03	03/04		Holiday	3x8	3x8	3x8	Friday 3x8

• The import file will modify this week by running the following command:

TASK;Version;Action;ID MACHINE;DATE;CODE CAL-ST-L;4;CM;2100;21/03/2016;3x8 Even weeks

Syntax: Job, Version, Action, Machine code, 1st day of the week, Designation of the new std week



The following import confirms that the command was taken into account:



• Result: The standard week of week 12 is now the week labelled "3x8 Even weeks"

🖱 De	tailed view of	f a calendar						
Year: 2016 Calendar 2100 KBA 6 Colours Annual standard week: Image: Standard week: Image: Standard week:								Copy to
			2100	Coloura	Annual star	dard week.		0000 10
Perio	od selection	•						
Wee	ek:To	From	Standard week	Monday	Tuesday	Wednesday	Thursday	Friday
6	08/02	14/02	3x8 Even weeks	3x8	3x8	3x8	3x8	Not worked
7	15/02	21/02		3x8	3x8	3x8	3x8	Friday 3x8
8	22/02	28/02	3x8 Even weeks	3x8	3x8	3x8	3x8	Not worked
9	29/02	06/03		3x8	3x8	3x8	3x8	Friday 3x8
10	07/03	13/03	3x8 Even weeks	3x8	3x8	3x8	3x8	Not worked
11	14/03	20/03		2.8	3x8	3x8	3x8	Friday 3x8
12	21/03	27/03	3x8 Even weeks	2 (8	3x8	3х8	2x8	Not worked
13	20/03	03/04		Holiday	3x8	3x8	3x8	Friday 3x8

Notes

- Just like for the manual modification of the standard week, forced days are not affected by this command (Monday and Thursday of week 12 in the example above).
- Likewise, the annual standard week and holidays are not affected, their configuration being done once for the whole year.

Lists of standard days and weeks

In lists of standard days and standard weeks, the "code" column was added, allowing to import standard days/week assignments with their code.





Exports

Excel format

Excel exports are now made natively in the XLSX format. An Excel export can also be performed on a station where Excel is not installed.

Others

External applications

The launch of external applications, introduced in the previous version, can now be performed with a right click on a job.

arly -> 5 d early -> 5 d ear	E 170041 170048 B 170055 170046 QU 7 d early 6 d early - 7 d early 6 d early -> 7 123 (Milli 123 (Milli Side di 123 (Milling	16/02/17 4 d early -> 14/02/ 11 d 11 d ea
-022 3 ALU-037 35 ACI-015		
R A 170044 ZOO 170053 KAT 2/1 7 d early -> 1 8 d ear 2/1 155 (Milling t 155 (M		2/1 6 d early -> 16/02/17 Delayed receipt 'Waiting for material'
6 ALU-037 515 ALU-0.	Flags Progress status	155 ALU-022 434 x 789 mm
170015 INOV C/ 5 d early -> 14/0 155 (Milling tool)	Locked job • Modify job	
ALU-037 557 x 8	External applications	See printing file
A3+	Widen selection	See product record
A 170036 B 1700:	Calendar of this machine	See delivery location See manufacturing file
- 5 d early - 1 d ei	Gather the jobs of the route	

Transition time

As previously announced, the former deprecated function called "transition durations" is now completely removed.

Updates

After an update, the new features of the version are now displayed upon starting Direct Planning.