

Welcome!

This tool will help you convert your data in a .xlsx (Excel) file format to Metrel .padfx file format. You can then easily edit and/or view your data using the Metrel ES Manager or Metrel SDK software.



Excel to Metrel ESM file converter instructions



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1 Dashboard screen

Wizard

General Settings

Number of lines to skip from top Work scope 1st level

Work scope 2nd level

0 Safety of Electrical Equipment I PAT (new instruments)

Structure objects Settings						
>_ Node 🗉	Structure object type:					
	Node	~				

Row Settings	
Structure object type	: Appliance_FD 🗸
Pa	arameter links
Parameter	: Appliance ID 🗸
Column letter	: A
Allow null or empty	: False 🗸
Column type	: Text 🗸
	Add new
Load configuration	Save configuration
Select an ex	cel file and start conversion

Figure 1 Dashboard screen of web service wizard - fixed part

General Settings	
Enables basic settings for creation of .pac	fx files.
Number of lines to skip from top	Defines how many lines in the excel file will be skipped
	(starting, line 1).
Work scope 1 st level	Defines the master and child Work scope for created
	.padfx file. Correct Work scope must be selected in
Work scope 2 nd level	order to enable files transfer to the desired instrument.
Structure objects Settings	
Enables the creation of a basic structure, imported.	where the structural elements with relevant data will be
Structure object type	Enables selection of corresponding structural elements for the relevant structural level.
Row Settings	
	cel file, to be linked to the corresponding parameters of
the selected structural element.	
Parameter links	
Each configuration is corresponding to rel	levant column from source excel file.
Parameter	Enables selection of parameter linked to the
	corresponding structural element. Each parameter can
	be linked only to one column letter in the source excel
	file.
Column letter	Defines the column in the source excel file.
Allow null or empty	Defines criteria for specific cell.
	$\underline{\text{True}}$ = allows empty cells in specific column.
	False = forbids empty cells in specific column.
Column type	Defines criteria for specific cell.
	$\underline{\text{Text}}$ = cell data can contain letters, numbers, and
	special characters such as ! or &.
	<u>Date & time</u> = cell data shall be in following format <i>dd.mm.yyyy hh:mm:ss</i> .
Add new	
	Allows adding of the set parameters to the list. Enables to load user configuration from file.
Load configuration Save configuration	Enables to save set configuration to file.
Select an excel file and start conversion	Enables selection of source excel file, conversion to
	padfx is started automatically if no exceptions are
	found.
	iounu.

Parameter	: Group 🗸
Column letter	1 () () () () () () () () () (
Allow null or empty	: True 🗸
Column type	: Text 🗸
	Add new
Parameter ID	: Producer / Make [Id: 198]
Column letter	: D
Allow null or empty	: True
Column type	: Text
Parameter ID	: Inventary No. [Id: 193]
Column letter	: C
Allow null or empty	: True
Column type	: Text
Parameter ID	· Name [Id: 195]
Column letter	: B
Allow null or empty	: True
Column type	: Text
Parameter ID	: Appliance ID [Id: 194]
Column letter	: A
Allow null or empty	: True
7 more man or empty	

Figure 2 Dashboard screen of web service wizard - user defined part

Parameter ID Column letter Allow null or empty Column type	i Producer / Make [Id: 198] : D : True : Text	A field with user-set parameters, each section defines its own column in excel.
Ŵ		Allows removal of specific section.

2 Importing example

First prepare the excel file, put the data into the correct format. Data shall be arranged in columns, all cells except dates shall be categorized as General. Cells containing dates shall be categorized as Date and formatted as *dd.mm.yyyy*.

	ID number	B	C	D Producer / Make	E Test Date	Retest period (in months)	G Next Test
-	ID number ID = 194	Name ID = 195	Inventory number ID = 196	ID = 198	ID = 261	ID = 215	ID = 257
	12830	Agregat malarski GX 21	HDGDD661611DDD	GRACO	15.3.2021	12	15.3.2022
	12831	Agregat malarski GX 21	HSJJNNCD5515457	GRACO	15.3.2021	12	15.3.2022
	12832	Agregat malarski GX 21	JDBZZG554SD455D	GRACO	15.3.2021	12	15.3.2022
_	12833	Agregat malarski GX 21	HSJJNNCD5515455	GRACO	15.3.2021	12	15.3.2022
	12834	Agregat malarski GX 21	HSJJNNCD5515112	GRACO	16.3.2021	12	16.3.2022
	12835 12836	Agregat malarski GX 21 Agregat malarski GX 21	A21B17G183030295 L20B17G183029724	GRACO GRACO	17.3.2021 16.3.2021	12	17.3.2022
_	12837	Agregat malarski GX 21	A21B17G183030328	GRACO	17.3.2021	12	17.3.2022
	12838	Agregat malarski GX 21	L20B17G183029911	GRACO	16.3.2021	12	16.3.2022
	12839	Agregat malarski GX 21	A21B17G183030814	GRACO	17.3.2021	12	17.3.2022
	12840	Agregat malarski GX 21	A21B17G183030809	GRACO	17.3.2021	12	17.3.2022
_	12841 12875	Agregat malarski GX 21	A21B17G183030597 C21B17G183033207	GRACO	15.3.2021	12	15.3.2022
-	12875	Agregat malarski GX 21 Agregat malarski GX 21	C21B17G183033211	GRACO GRACO	15.3.2021 15.3.2021	12	15.3.2022
	12877	Agregat malarski GX 21	C21B17G183033208	GRACO	15.3.2021	12	15.3.2022
	12878	Agregat malarski GX 21	C21B17G183033205	GRACO	16.3.2021	12	16.3.2022
	12879	Agregat malarski GX 21	D21B17G183035332	GRACO	17.3.2021	12	17.3.2022
	12880	Agregat malarski GX 21	C21B17G183033198	GRACO	16.3.2021	12	16.3.2022
_	12881 12882	Agregat malarski GX 21	C21B17G183033193	GRACO	17.3.2021	12	17.3.2022
-	12883	Agregat malarski GX 21 Agregat malarski GX 21	C21B17G183033212 C21B17G183033210	GRACO GRACO	16.3.2021 17.3.2021	12	16.3.2022 17.3.2022
	12884	Agregat malarski GX 21	C21B17G183033206	GRACO	17.3.2021	12	17.3.2022
	12885	Agregat malarski GX 21	C21B17G183033075	GRACO	15.3.2021	12	15.3.2022
	12886	Agregat malarski GX 21	C21B17G183033204	GRACO	15.3.2021	12	15.3.2022
L	13079	Agregat malarski GX 21	L20B17G183030091	GRACO	15.3.2021	12	15.3.2022
	13082	Δøreøat malarski GX 21	C21R17G183033202	GRACO	15 3 2021	12	15 3 2022
		Col Alk Col Par Col Alk Col Par Col Alk	rameter ID umn letter ow null or em pty umn type rameter ID umn letter ow null or em pty umn type rameter ID umn tetter ow null or em pty umn type	: F : True : Text : Test c : E : True : Date	it period (in mc nths) late [Id: 261] 5 Time icer / Make [Id: 198]		
		Col Alk Col Par Col Alk	rameter ID umn letter ow null or empty umn type rameter ID umn letter ow null or empty umn type	C : True : Text	tary No. [ld: 193] : [ld: 195]	ů Ť	
			rameter ID Jumn letter	: Appli	ance ID [ld: 194]	Ŵ	

Figure 3 Correlation between Excel & Parameter links

) number	Name	Inventory number	D Producer / Make	Test Date	Retest	period (in months)	G Next Tes	• T			
ID = 194	ID = 195	ID = 196	ID = 198	ID = 261	increation	ID = 215	ID = 257				
12830 12831	Agregat malarski GX 21 Agregat malarski GX 21	HDGDD661611DDD HSJJNNCD5515457	GRACO GRACO	15.3.2021 15.3.2021		12 12	15.3.2022				
12832	Agregat malarski GX 21	JDBZZG554SD455D	GRACO	15.3.2021		12	15.3.2022				
12833	Agregat malarski GX 21	HSJJNNCD5515455	GRACO	15.3.2021		12	15.3.2022				
12834	Agregat malarski GX 21	HSJJNNCD5515112	GRACO	16.3.2021		12	16.3.2022				
12835 12836	Agregat malarski GX 21 Agregat malarski GX 21	A21B17G183030295 L20B17G183029724	GRACO	17.3.2021 16.3.2021		12	17.3.2022				
12837	Agregat malarski GX 21	A21B17G183030328	GRACO	17.3.2021		12	17.3.2022				
12838	Agregat malarski GX 21	L20B17G183029911	GRACO	16.3.2021		12	16.3.2022				
12839 12840	Agregat malarski GX 21 Agregat malarski GX 21	A21B17G183030814 A21B17G183030809	GRACO GRACO	17.3.2021		12 12	17.3.2022				
12840	Agregat malarski GX 21	A21B17G183030597	GRACO	15.3.2021		12	15.3.2022				
12875	Agregat malarski GX 21	C21B17G183033207	GRACO	15.3.2021		12	15.3.2022				
12876	Agregat malarski GX 21	C21B17G183033211	GRACO	15.3.2021		12	15.3.2022				
12877 12878	Agregat malarski GX 21 Agregat malarski GX 21	C21B17G183033208 C21B17G183033205	GRACO GRACO	15.3.2021 16.3.2021		12 12	15.3.2022				
12879	Agregat malarski GX 21	D21B17G183035332	GRACO	17.3.2021		12	17.3.2022				
12880	Agregat malarski GX 21	C21B17G183033198	GRACO	16.3.2021		12	16.3.2022				
12881	Agregat malarski GX 21	C21B17G183033193 C21B17G183033212	GRACO	17.3.2021		12	17.3.2022				
12882	Agregat malarski GX 21 Agregat malarski GX 21	C21B1/G183033212 C21B1/G183033210	GRACO	16.3.2021 17.3.2021		12	16.3.2022				
12884	Agregat malarski GX 21	C21B17G183033206	GRACO	17.3.2021		12	17.3.2022				
12885	Agregat malarski GX 21	C21B17G183033075	GRACO	15.3.2021		12	15.3.2022				
12886 13079	Agregat malarski GX 21 Agregat malarski GX 21	C21B17G183033204 L20B17G183030091	GRACO GRACO	15.3.2021 15.3.2021		12 12	15.3.2022				
13073	Δgregat malarski GX 21	C21R17G1830330091	GRACO	15 3 2021		12	15 3 2022				
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Document	ructure Database View	mmunication	Reports	/ -DD	Tools	Print Results					
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	Appliance Id	Structure Path	Name		Next test	Test date				(new instruments) ine, Switchgear and PAT testing EU	-
er text to sear	ch	Set-Name/Set-N			15/03/2022	15/03/20	21 Safeb	of LV Old_Instruments	in a on	ine, Switchgear and PAT testing E0	
	▶ 12832	Set-Name/Set-N Set-Name/Set-N		arski GX 21 arski GX 21	15/03/2022 15/03/2022	15/03/20 15/03/20	21		Mach	ine, Switchgear and PAT testing French	
Name	▲ ▷ 12834	Set-Name/Set-N	Name/Set-Na Agregat mal	arski GX 21	16/03/2022	16/03/20			• Mach	ine, Switchgear and PAT testing AUS, NZ	
et-Name -	▷ 12835 ▷ 12836	Set-Name/Set-1 Set-Name/Set-1			17/03/2022 16/03/2022	17/03/20		Empty	Mach	ire, Switchgear and PAT testing Hungarian	
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a 12833 12834	 12841 12875 	Set-Name/Set-1 Set-Name/Set-1			15/03/2022 15/03/2022	15/03/20 15/03/20		Empty Empty			
12835	> 12876	Set-Name/Set-1			15/03/2022	15/03/20		Empty			
a 12836	12877 12877	Set-Name/Set-P			15/03/2022	15/03/20		Empty			
a 12837	▶ 12878 ▶ 12879	Set-Name/Set-Na			16/03/2022 17/03/2022	16/03/20 17/03/20		Empty Empty			
a 12838	▶ 12880	Set-Name/Set-N		arski GX 21	16/03/2022	16/03/20	21	Empty			
a 12839	 12881 12882 	Set-Name/Set-Na			17/03/2022 16/03/2022	17/03/20		Empty			
a 12840 12841	12883	Set-Name/Set-N	Name/Set-Na Agregat mal	arski GX 21	17/03/2022	17/03/20	21	Empty			
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er of lines scope 1st	tinឡs s to s kip from top level	: Safety of Electrical Eq									

Figure 4 Correlation between MESM, Excel, and Wizard

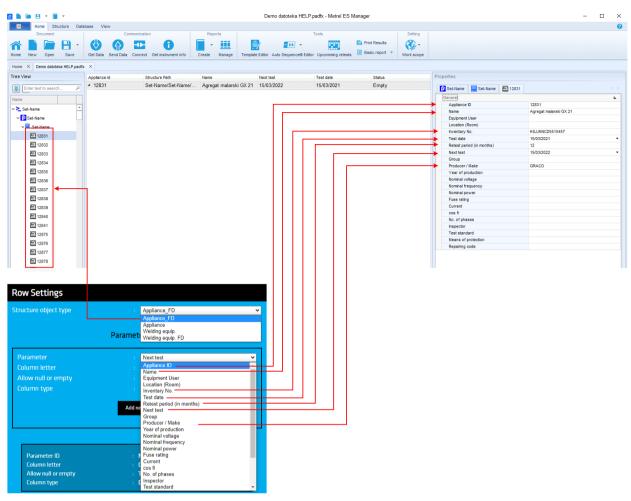


Figure 5 Correlation between MESM & Wizard