

## Create and Import Parameter Templates

Parameter Templates enable data item parameter properties to be easily shared across strategy files. VISION users can modify parameter properties of data items to control how the data items are displayed, such as background/text colors, high/low limits, min/ max warnings, etc. These parameter properties are normally stored within the VISION Strategy (.vst) files, so when switching VST files the properties must be redone on the data items in the new strategy. This feature enables the parameter properties of data items from an existing strategy to be exported to a Parameter Template (.vpt) file and imported into another strategy file. This is a tremendous help by allowing users to save valuable time when receiving new strategies or creating new ones from device description files.

Value Range Small step:	Large step:	Value Warnings Min threshold:	Max threshold:
0.24	2.4	0	0
Enable range	limits	Enable range	e text
Minimum limit:	Maximum limit:	Min text:	Max text:
-40	200	LOW	HIGH
Value Display		Enable range	e colors
Decimal places:	Default color:	Min color:	Max color:
1	Text Color	Text Color	Text Color

## **Creating a Data Item Parameter Template**

1. In the Device Manager, right-click the Strategy file containing the Data Item parameters to write to the template file and select "Export Parameter Template" from the context menu.







2. In the Select Data Items window, choose one of the following radio buttons:

- Select: Manually search the folder structure for Data Items to add to the template.
- Find: Search the folder structure for Data Items to add to the template.

📄 Select Data Items									?	×
● Select ○ Fir	nd						 Advanced			
Show Array Elements	Short Na	ames								
PCM	Data Item	🛆 Туре	Value	Units	Address	Description		^	OK	
Characteristics     Functions	time3	Scalar	na	ms PRTDC	0x10A				Cance	el 🛛
Measurements	wbatt	Scalar	na	Volts	0x386				Help	
	vbatt_cnts	Scalar	na	counts	0xCAC			۰.	пер	
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	<						>		Previou	15
Selected Data Items	- /	Comments						^	Data Filte	er
PCM.Measurements.a	act									
PCM.Measurements.a	act_cnts									
PCM.Measurements.a	ad_lim									
PCM.Measurements.a	air_density									
PCM.Measurements.c	rank_fuel_multiplier									
PCM.Measurements.c	crank_fuel_timer									
PCM.Measurements.c	cranking_fuel									
DCM.Measurements.e	egr									
PCM.Measurements.e	engine_temp									_
PCM.Measurements.f	uel_demand								Add	
PCM.Measurements.f	uel_lim_est uel_limits							~	Remov	re

3. Data Item(s) can be added to the template by Double-clicking on a specific data item or selecting multiple items and clicking the "Add" button. Then click "OK" once all items of interest are added to the "Selected Data Items" list.

Note: Only the Target Device for the current strategy appears in the Select Data Items window. Device names are

not stored in the template files to avoid	0, 11				
	🛃 Save As				×
any name collisions.	← → × ↑ 📙 « Accurate	Search PCM	ch PCM 🔎		
	Organize 🔻 New folder				· · · · · · · · · · · · · · · · · · ·
4. Type a name for the Parameter Template file (*.vpt) in the "Save As" window and click "Save."	<ul> <li>This PC</li> <li>3D Objects</li> <li>Desktop</li> <li>Documents</li> <li>Downloads</li> <li>Music</li> <li>Fictures</li> <li>Videos</li> <li>Local Disk (Ct)</li> <li>N: Network Drive (N)</li> <li>P: josto (P:)</li> <li>S: Build Drive (S:)</li> </ul>	A Name	Date modified Type No items match your search.	Size	
	🛫 W: Departments (W:)	v			
	File name: Parameter T	[emplate 1]			~
	Save as type: VISION Para	meter Template (*.vpt)			~
	∧ Hide Folders			Save	Cancel



## Importing a Parameters Template into a Strategy File

1. Right-click the strategy file and select "Import Parameter Template" from the context menu. . The Parameter Template can be reused as often as necessary to configure the same data items in other strategy files this way.



2. In the "Import Parameter Template" window, click the ellipsis button to browse for a template file (\*.vpt) to apply.

Import Parameter Template	×
Parameter Template file to import:	
Exclude range limits	1/5
	OK Cancel



3. (Optional) Check the "Exclude range limits" box if required.

	Import Paran	neter Template			$\times$			
	Parameter Te	emplate file to import:						
	C:\Users\Public\Documents\Accurate Technologies\VISION 5.2.1 Samples							
	Exclude ra	ange limits	OK	Cancel				
4. Click "Open." <sup>5</sup> Sele	ct Parameters File							×
	🗸 🛧 📙 « Accu	rate Technologies → VISION 5.2.1 Samples → VI	SION Demo > PCM		√ Ū	Search PCM		م
Organ	ize 🔻 New folder						== -	
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т	his PC	Parameter Template 1.vpt	4/15/2019 10:43 AM	VPT File	6	КВ		
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5. After VISION confirms the import of Data Items defined in the Parameter Template is completed, click 'OK' to close the window.

6. The parameter properties of the data items that were exported to the VPT file should now be in effect in the current strategy. In order to save the changes made you must save the VST file.

For additional questions, contact ATI support at support@accuratetechnologies.com.

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