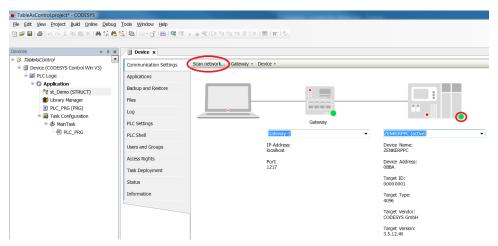
## Visu: Using a Table as an Input Element

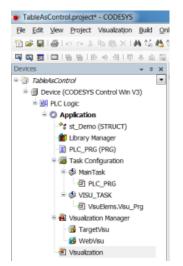
- Create a "Standard project" and select CODESYS Control Win V3 as the device.
- Define the target system by means of the Network scan.



• Create a structure named st\_Demo. with the elements Name and Status:

TableAsControl.project* - CODESYS	
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 Insert a visualization in the device tree. Then the Visualization Manager is inserted with the visu types TargetVisu and WebVisu. In addition, a VISU\_TASK is also created automatically.



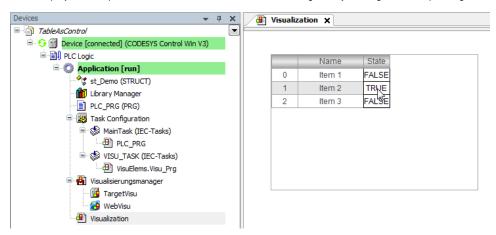
• Adapt the POU PLC\_PRG as follows:

```
Declaration
VAR
astDemo : ARRAY [0..2] OF st_DEMO := [(Name := 'Item 1', Status := FALSE),
(Name := 'Item 2', Status := FALSE),
(Name := 'Item 3', Status := FALSE)];
iRow : INT;
END_VAR
Implementation
// no implementation
```

• In the Visualization, set an element of type Table and configure the element as follows:

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Execute ST-Code P. P.C.F	RG.adbanePLC RG.RowL9atur:=NOTR.C RG.adbanePLC RG.RowBate:

• Start the project and open the internal visualization. The value is negated by clicking the corresponding cell in the Status column:



As an extension, the texts replaced by symbols as follows:

• Insert an *Image pool* and configure it as follows:

TableAsControl.project* - CODESYS				
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TableAsControl	ID	File name	Image	Link type
Device (CODESYS Control Win V3)	FALSE	Red.png		Embedded
PLC Logic	TRUE	Green.png		Embedded
Application				
st_Demo (STRUCT)				
ImagePool				
Library Manager				
PLC_PRG (PRG)				

• Adapt the Table image element as follows:

operty	Value	
Element name	Gentleninst_2	
Type of element	Table	
Deta array	PLC_PRG.astDemo	
Max, array index		
Columna		
- Column		
- [0]		1
Column header	Name	
Width	100	
Intage column		
<ul> <li>Image configuration</li> </ul>		
Text alignment of headine	Centered	
Use template		2
Text alignment of the headine f	ł	
* Template		
= [1]		1
Column header	State	
Width	40	
Intage column		21
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Use template		1
Text alignment of the headine f	P	
* Template		
Show row header		1
Show column header	6	1
Row height	20	

• Download the change to the controller.

