

IMPORTED SIGNALS						
Device	Signal	Value	Units	State	Attributes	Time
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Modbus_device	signal1	1				2023-06-08 10:18:17.73
Modbus_device	signal2	0				2023-06-08 10:18:12.41
SCADA_device	double	2				2023-06-08 10:18:17.73

07:33:37:059	192.168.1.1:2404	RSN:0 SSN:118	M_DP_TB_1 (31)	Spontan (3)	1	1	vin2	2023-6-8 7:31:36...	68 15 EC 00 00 00 1F 01 03 00 01 00 01 00 00 02 66 8E 9F 07 88 06 17
07:33:43:683	Vinci	RSN:119							68 04 01 00 EE 00
07:33:45:709	Vinci	Test Frame activ...							68 04 43 00 00 00

IMPORTED SIGNALS						
Device	Signal	Value	Units	State	Attributes	Time
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Modbus_device	signal1	0				2023-06-08 10:18:44.24
Modbus_device	signal2	0				2023-06-08 10:18:12.41
SCADA_device	double	0				2023-06-08 10:18:44.24

07:34:05:880	Vinci	Test Frame activ...							68 04 43 00 00 00
07:34:05:881	192.168.1.1:2404	Test Frame confir...							68 04 83 00 00 00
07:34:14:464	192.168.1.1:2404	RSN:0 SSN:119	M_DP_TB_1 (31)	Spontan (3)	1	1	Indeterminate0[0]	2023-6-8 7:32:13...	68 15 EE 00 00 00 1F 01 03 00 01 00 01 00 00 00 3B 36 A0 07 88 06 17

Double point to single point information

To change double point information to single point Devices sheet and protocols to be used will be the same as earlier. Signals sheet should look similar to this:

signal_name	device_alias	signal_alias	source_device_alias	source_signal_alias	enable	absolute_threshold	log	job_todo	tag_job_todo	number_type	common_address	info_address	gi	data_type
signal	Modbus	signal			1	1	1	1;1;2	1;1;2	SIGNED8				
single	SCADA_104	single	Modbus	signal	1	1	1				1	1	1	31

In this case Modbus master reads 2 information units at once. To simulate this case connect WCC Lite and VINCI Expert analogously to the first example, protocol connections on VINCI app should also stay the same. For this test, Modbus tags will be:

▼

Tag

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□

×

Name:

Type:

Read Coil Status (1)

Slave:

Address:

☐ Value

Lookup values:

☐ Use

Value

Custom value

False

True

Save

Cancel

Tag

Name: v1

Type: Read Coil Status (1)

Slave: 1Address: 1

☐ Value

Lookup values:

☐ Use

ValueCustom value

False

True

Save

Cancel

If Value box is checked, it means that this value is 1. Change tag values accordingly and observe the results on the web and IEC104 master tab:

IMPORTED SIGNALS

Device	Signal	Value	Units	State	Attributes	Time
Modbus_device	signal	0			type=dp	2023-06-08 10:58:57.47
SCADA_device	single	0			type=dp	2023-06-08 10:58:57.47

08:00:57.403	192.168.1.1:2404	Test Frame confir...				68 04 83 00 00 00			
08:00:58.051	192.168.1.1:2404	RSN:0 SSN:5	M_DP_TB_1 (31)	Spontan (3)	1	1	Indeterminate(0)	2023-6-8 7:58:57....	68 15 0A 00 00 00 1F 01 03 00 01 00 01 00 00 00 7D E0 BA 07 88 06 17
08:01:04.466	Vinci	RSN:6							68 04 01 00 0C 00

IMPORTED SIGNALS							
Device	Signal	Value	Units	State	Attributes	Time	
Modbus_device	signal	1			type=dp	2023-06-08 10:59:55.66	^
SCADA_device	single	1			type=dp	2023-06-08 10:59:55.66	

08:01:55.628	192.168.1.1:2404	RSN:0 SSN:8	M_DP_TB_1 (31)	Spontan (3)	1	1	On(1)	2023-6-8 7:59:55...	68 15 10 00 00 00 1F 01 03 00 01 00 01 00 00 01 1A D7 B8 07 88 06 17
08:01:55.879	Vinci	RSN:9							68 04 01 00 12 00
08:01:56.889	Vinci	Test Frame activ...							68 04 43 00 00 00

IMPORTED SIGNALS							
Device	Signal	Value	Units	State	Attributes	Time	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Modbus_device	signal	2			type=dp	2023-06-08 11:01:04.45	▲
SCADA_device	single	2			type=dp	2023-06-08 11:01:04.45	

08:03:05.028	192.168.1.1:2404	RSN:0 SSN:10	M_DP_TB_1 (31)	Spontan (3)	1	1	On(2)	2023-6-8 8:1:44...	68 15 14 00 00 00 1F 01 03 00 01 00 01 00 00 02 5F 11 81 08 88 06 17
08:03:11:504	Vinci	RSN:11							68 04 01 00 16 00
08:03:16:539	Vinci	Test Frame activ...							68 04 43 00 00 00

IMPORTED SIGNALS							
Device	Signal	Value	Units	State	Attributes	Time	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Modbus_device	signal	3			type=dp	2023-06-08 11:01:39.41	▲
SCADA_device	single	3			type=dp	2023-06-08 11:01:39.41	

08:03:36.698	192.168.1.1:2404	Test Frame confir...							68 04 83 00 00 00
08:03:39:968	192.168.1.1:2404	RSN:0 SSN:11	M_DP_TB_1 (31)	Spontan (3)	1	1	Indeterminate2(3)	2023-6-8 8:1:39:4...	68 15 16 00 00 00 1F 01 03 00 01 00 01 00 00 03 EF 99 81 08 88 06 17
08:03:49:812	Vinci	RSN:12							68 04 01 00 18 00

Configurations:

Double point to single point --> [Download](#)

Single point to double point --> [Download](#)

🔄Revision #7

★Created 6 June 2023 12:29:55 by Gabriele

✎Updated 25 July 2023 14:49:16 by Gabriele