



Netilities

Detailed network report

Powered by: **PROCENTEC**

1. General

Location: Oil and Gas Company Inc.

Network name: Tank 5

Project details summary:

PLC with 4 Profinet IO-Devices, 2 switches.

(This text is applied by the end-customer but may not be complete. Please refer to section 'Project details' for the complete text)

2. Used tools

Netilities version: 1.5.1

Appdong serial#: 1142600137

3. Network properties

Number of IO-Controllers: 1

Number of IO-Devices: 6

Number of NON-Profinet devices: 1

Slowest/Fastest measured cycle time: 128 ms / 1 ms

4. Remarks summary

Possible configuration problems at some devices.

(This text is applied by the end-customer but may not be complete. Please refer to section 'Remarks' for the complete text)

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5. Project details

PLC with 4 Profinet IO-Devices, 2 switches.

6. Remarks

Possible configuration problems at some devices.

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7. Live list

#	MAC Address IP Address	Manufacturer Device name	Device model Protocols	Device role Last received packet	Ven./Dev. ID Color
1	00:0E:8C:BB:16:78 192.168.0.161	Siemens AG A&D ET siemens-switch	SCALANCE X-200 IPv4, ARP, PROFINET	IO-Device 24-6-2013 8:41:15	002A/0A01 
2	00:0E:F0:05:06:E5 192.168.0.24	Festo AG & Co. KG festo-io	Festo CPX-Terminal IPv4, ARP, PROFINET	IO-Device 24-6-2013 8:41:15	014D/0101 
3	00:10:A7:02:9F:29 192.168.0.253	UNEX TECHNOLOGY CORPORATION	IPv4, ARP, PROFINET	24-6-2013 8:40:52	
4	00:1B:1B:23:16:9D 192.168.0.1	Siemens AG, siemens-controller	S7-300 IPv4, ARP, PROFINET,	IO-Controller 24-6-2013 8:41:15	002A/0101 
5	00:1B:1B:24:99:2C 192.168.0.22	Siemens AG, siemens-io	IM151-3 IPv4, ARP, PROFINET	IO-Device 24-6-2013 8:41:15	002A/0301 
6	00:30:DE:01:50:8C 192.168.0.23	WAGO Kontakttechnik GmbH wago-io	WAGO-I/O-SYSTEM 750 IPv4, ARP, PROFINET	IO-Device 24-6-2013 8:41:15	011D/02EE 
7	00:A0:45:03:F8:23 192.168.0.21	PHOENIX CONTACT GMBH & CO. phoenix-io	ILB PN 24 DI16 DIO16- IPv4, ARP, PROFINET	IO-Device 24-6-2013 8:41:15	00B0/0004 
8	00:A0:45:68:03:B4 192.168.0.160	PHOENIX CONTACT GMBH & CO. phoenix-switch	FL SWITCH SMCS 8TX- IPv4, ARP, PROFINET,	IO-Device 24-6-2013 8:41:15	00B0/004E 

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8. Statistics

Current cycle time, inputs / outputs (ms)

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		(IO-Controller)	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	2 / 2	1 / 1	4 / 4	1 / 1	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	128 / 128	128 / 128	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
190	190	191	192	193	194	195	196	197	198	199
200	200	201	202	203	204	205	206	207	208	209
210	210	211	212	213	214	215	216	217	218	219
220	220	221	222	223	224	225	226	227	228	229
230	230	231	232	233	234	235	236	237	238	239
240	240	241	242	243	244	245	246	247	248	249
250	250	251	252	253	254					

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Min cycle time, inputs / outputs (ms)

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		(IO-Controller)	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	2 / 2	1 / 1	4 / 4	1 / 1	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	128 / 128	128 / 128	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
190	190	191	192	193	194	195	196	197	198	199
200	200	201	202	203	204	205	206	207	208	209
210	210	211	212	213	214	215	216	217	218	219
220	220	221	222	223	224	225	226	227	228	229
230	230	231	232	233	234	235	236	237	238	239
240	240	241	242	243	244	245	246	247	248	249
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Max cycle time, inputs / outputs (ms)

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		(IO-Controller)	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	2 / 2	1 / 1	4 / 4	1 / 1	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	128 / 128	128 / 128	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
190	190	191	192	193	194	195	196	197	198	199
200	200	201	202	203	204	205	206	207	208	209
210	210	211	212	213	214	215	216	217	218	219
220	220	221	222	223	224	225	226	227	228	229
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Transfer status error counter, inputs / outputs

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		(IO-Controller)	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	0/0	0/0	0/0	0/0	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	0/0	0/0	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
190	190	191	192	193	194	195	196	197	198	199
200	200	201	202	203	204	205	206	207	208	209
210	210	211	212	213	214	215	216	217	218	219
220	220	221	222	223	224	225	226	227	228	229
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240	240	241	242	243	244	245	246	247	248	249
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Alarms, from device / controller

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		(IO-Controller)	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	0/0	0/0	0/0	0/0	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	0/0	0/0	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
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200	200	201	202	203	204	205	206	207	208	209
210	210	211	212	213	214	215	216	217	218	219
220	220	221	222	223	224	225	226	227	228	229
230	230	231	232	233	234	235	236	237	238	239
240	240	241	242	243	244	245	246	247	248	249
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PN data size, inputs / outputs (bytes)

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		(IO-Controller)	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	40 / 40	40 / 40	40 / 40	40 / 40	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	40 / 40	40 / 40	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
190	190	191	192	193	194	195	196	197	198	199
200	200	201	202	203	204	205	206	207	208	209
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220	220	221	222	223	224	225	226	227	228	229
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Absolute traffic, PN / non-PN (Packets)

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		475064 / 143	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	86020 / 125	171772 / 202	42934 / 19	171812 / 269	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	1292 / 508	1353 / 243	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
190	190	191	192	193	194	195	196	197	198	199
200	200	201	202	203	204	205	206	207	208	209
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220	220	221	222	223	224	225	226	227	228	229
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Relative traffic, PN / non-PN (%)

IP Range: 192.168.0.X

	0	1	2	3	4	5	6	7	8	9
0		100% / 0%	2	3	4	5	6	7	8	9
10	10	11	12	13	14	15	16	17	18	19
20	20	100% / 0%	100% / 0%	100% / 0%	100% / 0%	25	26	27	28	29
30	30	31	32	33	34	35	36	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	83	84	85	86	87	88	89
90	90	91	92	93	94	95	96	97	98	99
100	100	101	102	103	104	105	106	107	108	109
110	110	111	112	113	114	115	116	117	118	119
120	120	121	122	123	124	125	126	127	128	129
130	130	131	132	133	134	135	136	137	138	139
140	140	141	142	143	144	145	146	147	148	149
150	150	151	152	153	154	155	156	157	158	159
160	72% / 28%	85% / 15%	162	163	164	165	166	167	168	169
170	170	171	172	173	174	175	176	177	178	179
180	180	181	182	183	184	185	186	187	188	189
190	190	191	192	193	194	195	196	197	198	199
200	200	201	202	203	204	205	206	207	208	209
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220	220	221	222	223	224	225	226	227	228	229
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250	250	251	252	253	254					

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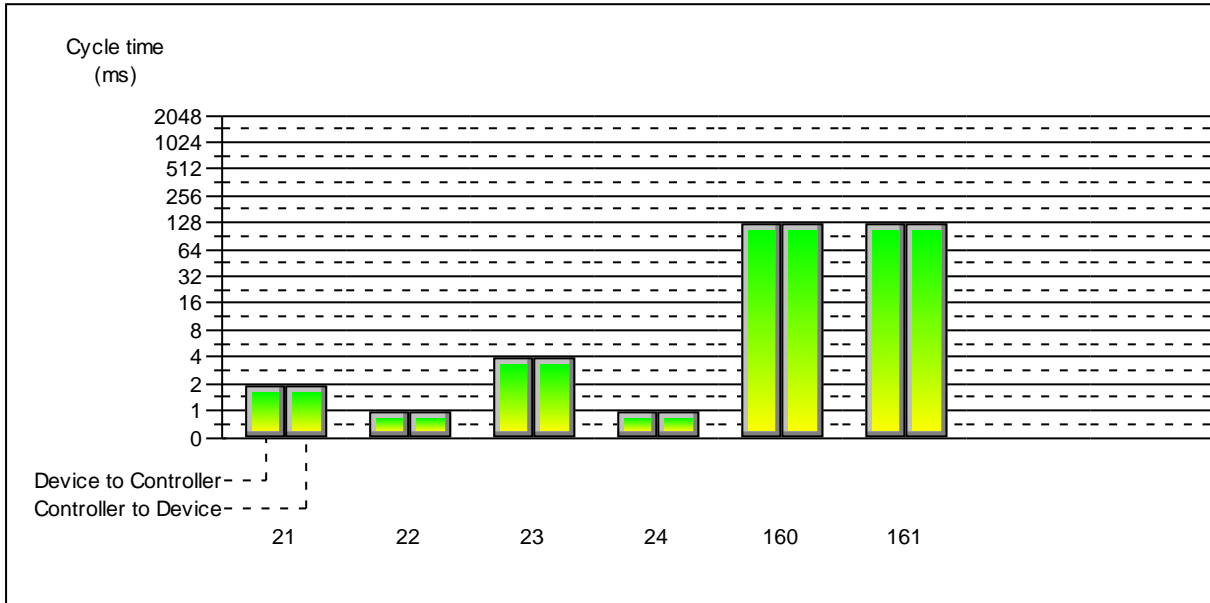
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9. Bargraph

Image 1 of 1

IP Range: 192.168.0.X



Legend:



= Cycletime is as expected.



= Cycletime has deviation.



= Station is currently not active.

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10. Additional device info (system)

1 00:0E:8C:BB:16:78

Device manufacturer: Siemens AG A&D ET
Device model: SCALANCE X-200
Device name: siemens-sw itch
IP address: 192.168.0.161

SNMP info:

System description: Siemens, SIMATIC NET, SCALANCE XF204 IRT, 6GK5 204-0BA00-2BF2, HW: 1, FW: V4.02
System uptime: 18 days 4:42:50
System name: -
System contact: -
System location: -

I&M0 info:

System serial: VPX5512341
System order code: 6GK5 204-0BA00-2BF2
System hardware version: 1
System software version: V 4.2.14
System revision counter: 0

Port statistics table:

Index	Phys. addr. Description	Link state Link speed	Media type Line delay	Octets (in) Octets (out)	Errors (in) Errors (out)	Discards (in)
1	00:0E:8C:BB:16:79 Siemens, SIMATIC NET,	Up 100 Mbps FD	Copper Unknown	903414811 1011805794	0 0	0
2	00:0E:8C:BB:16:7A Siemens, SIMATIC NET,	Down N/A	Copper N/A	0 0	0 0	0
3	00:0E:8C:BB:16:7B Siemens, SIMATIC NET,	Down N/A	Copper N/A	45301 5043	0 0	0
4	00:0E:8C:BB:16:7C Siemens, SIMATIC NET,	Down N/A	Copper N/A	0 0	0 0	0

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2 00:0E:F0:05:06:E5

Device manufacturer: Festo AG & Co. KG
Device model: Festo CPX-Terminal
Device name: festo-io
IP address: 192.168.0.24

SNMP info:

System description: Festo CPX Terminal
System uptime: 18 days 4:43:37
System name: festo-io
System contact: ich und der da
System location: 73734 Esslingen, Germany

I&M0 info:

System serial: 810506E5
System order code: TN 197330
System hardware version: 9
System software version: V 2.2.9
System revision counter: 2

Port statistics table:

Index	Phys. addr. Description	Link state Link speed	Media type Line delay	Octets (in) Octets (out)	Errors (in) Errors (out)	Discards (in)
1	00:0E:F0:15:06:E5 port-001	Up 100 Mbps FD	Copper Unknown	562770921 544880556	0 0	0
2	00:0E:F0:25:06:E5 port-002	Up 100 Mbps FD	Copper Unknown	980656724 1014531794	0 0	0

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3 00:1B:1B:24:99:2C

Device manufacturer: Siemens AG,
Device model: IM151-3
Device name: siemens-io
IP address: 192.168.0.22

SNMP info:

System description: Siemens, SIMATIC S7, IM151-3PN , 6ES7 151-3AA23-0AB0 , HW: V6.0.0, FW: V7.0.1, SN:
System uptime: 2 days 10:07:40
System name: -
System contact: -
System location: -

I&M0 info:

System serial: S C-C6UV03302012
System order code: 6ES7 151-3AA23-0AB0
System hardware version: 6
System software version: V 7.0.1
System revision counter: 0

Port statistics table:

Index	Phys. addr. Description	Link state Link speed	Media type Line delay	Octets (in) Octets (out)	Errors (in) Errors (out)	Discards (in)
1	00:1B:1B:24:99:2D Siemens, SIMATIC S7,	Up 100 Mbps FD	Copper Unknown	73885898 94615449	0 0	0
2	00:1B:1B:24:99:2E Siemens, SIMATIC S7,	Up 100 Mbps FD	Copper Unknown	36497827 37913890	0 0	0

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Detailed network report

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4 00:30:DE:01:50:8C

Device manufacturer: WAGO Kontakttechnik GmbH
Device model: WAGO-I/O-SYSTEM 750
Device name: w ago-io
IP address: 192.168.0.23

SNMP info:

System description: -
System uptime: unknow n
System name: -
System contact: -
System location: -

I&M0 info:

System serial: -
System order code: -
System hardware version: -
System software version: -
System revision counter: -

Port statistics table:

Index	Phys. addr. Description	Link state Link speed	Media type Line delay	Octets (in) Octets (out)	Errors (in) Errors (out)	Discards (in)
1	-	-	-	-	-	-

5 00:A0:45:03:F8:23

Device manufacturer: PHOENIX CONTACT GMBH & CO.
Device model: ILB PN 24 DI16 DIO16-2TX
Device name: phoenix-io
IP address: 192.168.0.21

SNMP info:

System description: PROFINET ILB w ith 16 IN and 16 IN/OUT
System uptime: 18 days 5:30:10
System name: PROFINET Inline Block IO
System contact: Unknow n
System location: Unknow n

I&M0 info:

System serial: -
System order code: -
System hardware version: -
System software version: -
System revision counter: -

Port statistics table:

Index	Phys. addr. Description	Link state Link speed	Media type Line delay	Octets (in) Octets (out)	Errors (in) Errors (out)	Discards (in)
1	00:A0:45:03:F8:23	Up	Unknown	3136924210	0	0
	NS7520 10/100 Megabit	100 Mbps	Unknown	3129201938	0	

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6 00:A0:45:68:03:B4

Device manufacturer: PHOENIX CONTACT GMBH & CO.
Device model: FL SWITCH SMCS 8TX-PN
Device name: phoenix-sw itch
IP address: 192.168.0.160

SNMP info:

System description: Smart Managed Compact Sw itch
System uptime: 18 days 4:43:47
System name: phoenix-sw itch
System contact: dave
System location: rd-dave

I&M0 info:

System serial: 1116571920
System order code: 2989103
System hardware version: 5
System software version: V 3.80.0
System revision counter: 1

Port statistics table:

Index	Phys. addr. Description	Link state Link speed	Media type Line delay	Octets (in) Octets (out)	Errors (in) Errors (out)	Discards (in)
1	00:A0:45:68:03:B7 port-001	Down N/A	Copper N/A	0 0	0 0	0
2	00:A0:45:68:03:B8 port-002	Up 100 Mbps FD	Copper Unknown	1011820855 903429535	0 0	0
3	00:A0:45:68:03:B5 port-003	Down N/A	Copper N/A	0 0	0 0	0
4	00:A0:45:68:03:B6 port-004	Up 100 Mbps FD	Copper Unknown	539674924 557574573	0 0	0
5	00:A0:45:68:03:BB port-005	Down N/A	Copper N/A	775300 11112739	0 0	0
6	00:A0:45:68:03:BC port-006	Up 100 Mbps FD	Copper Unknown	711262182 589726391	0 0	0
7	00:A0:45:68:03:B9 port-007	Up 100 Mbps FD	Copper Unknown	893631 2791869636	0 0	0
8	00:A0:45:68:03:BA port-008	Up 100 Mbps FD	Copper Unknown	2815248231 2810932360	0 0	0

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11. Additional device info (Profinet module configuration)

Please note: It is possible that devices do not report their full module configuration, or the state of the inputs and outputs of its modules. Therefore this chapter could contain inconsistent information.

1 00:0E:8C:BB:16:78

Device manufacturer: Siemens AG A&D ET
 Device model: SCALANCE X-200
 Device name: siemens-sw itch
 IP address: 192.168.0.161

Configuration reported by device:

Slot	Module	Input values	Output values
0	00000034		

IO-Controller name: siemens-controller

Configuration expected by IO-Controller:

Slot	Module	Status
0	00000034	OK

2 00:0E:F0:05:06:E5

Device manufacturer: Festo AG & Co. KG
 Device model: Festo CPX-Terminal
 Device name: festo-io
 IP address: 192.168.0.24

Configuration reported by device:

Slot	Module	Input values	Output values
0	CPX FESTO / TN 197330 GSD: 2007-11-07 V2.1		
1	FB34 PNIO Modul / TN 548751, CPX-FB34, Code F34		
2	8DI-D [8DI] / TN 541480, CPX-8DI-D, Code D		
3	8DO [8DO] / TN 541482, CPX-8DO, Code L		
4	MPA1S VMPA1-FB-EMS-8 [8DO] / TN 533360, VMPA1-FB-EMS-8		

IO-Controller name: siemens-controller

Configuration expected by IO-Controller:

Slot	Module	Status
0	CPX FESTO / TN 197330 GSD: 2007-11-07 V2.1	OK
1	FB34 PNIO Modul / TN 548751, CPX-FB34, Code F34	OK
2	8DI-D [8DI] / TN 541480, CPX-8DI-D, Code D	OK
3	8DO [8DO] / TN 541482, CPX-8DO, Code L	OK
4	MPA1S VMPA1-FB-EMS-8 [8DO] / TN 533360, VMPA1-FB-	OK

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3 00:1B:1B:24:99:2C

Device manufacturer: Siemens AG,
Device model: IM151-3
Device name: siemens-io
IP address: 192.168.0.22

Configuration reported by device:

Slot	Module	Input values	Output values
0	IM151-3 PN ST V7.0 / 6ES7 151-3AA23-0AB0		
1	PM-E DC24V / 6ES7 138-4CA01-0AA0		
2	4DI DC24V HF / 6ES7 131-4BD01-0AB0	00	
3	2DO DC24V/0.5A HF / 6ES7 132-4BB01-0AB0		65

IO-Controller name: siemens-controller

Configuration expected by IO-Controller:

Slot	Module	Status
0	IM151-3 PN ST V6.0 / 6ES7 151-3AA23-0AB0	! Substitute, should be module: IM151-3 PN ST V7.0 / 6ES7 151-
1	PM-E DC24V / 6ES7 138-4CA01-0AA0	OK
2	4DI DC24V HF / 6ES7 131-4BD01-0AB0	OK
3	2DO DC24V/0.5A HF / 6ES7 132-4BB01-0AB0	OK

4 00:30:DE:01:50:8C

Device manufacturer: WAGO Kontakttechnik GmbH
Device model: WAGO-I/O-SYSTEM 750
Device name: w ago-io
IP address: 192.168.0.23

Configuration reported by device:

Slot	Module	Input values	Output values
0	750-340 T00.91.00 WAGO / 750-340		
1	4DO*(-4 BIT O) / 75x-5xx		
2	4DO*(-4 BIT O) / 75x-5xx		
3	75x-654 DXCH, RA / 75x-654		

IO-Controller name: siemens-controller

Configuration expected by IO-Controller:

Slot	Module	Status
0	750-340 T00.91.00 WAGO / 750-340	OK
1	4DO*(-4 BIT O) / 75x-5xx	OK
2	4DO*(-4 BIT O) / 75x-5xx	OK
3	75x-654 DXCH, RA / 75x-654	OK

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5 00:A0:45:03:F8:23

Device manufacturer: PHOENIX CONTACT GMBH & CO.
Device model: ILB PN 24 DI16 DIO16-2TX
Device name: phoenix-io
IP address: 192.168.0.21

Configuration reported by device:

Slot	Module	Input values	Output values
0	ILB PN 24 DI16 DIO16-2TX PHOENIX / 2878146 GSD: 2005-12-		
1	00000001		
2	00000002		

IO-Controller name: siemens-controller

Configuration expected by IO-Controller:

Slot	Module	Status
0	ILB PN 24 DI16 DIO16-2TX / 2878146	X Wrong module, should be module: ILB PN 24 DI16 DIO16-2TX
1	00000001	OK
2	00000002	OK

6 00:A0:45:68:03:B4

Device manufacturer: PHOENIX CONTACT GMBH & CO.
Device model: FL SWITCH SMCS 8TX-PN
Device name: phoenix-sw itch
IP address: 192.168.0.160

Configuration reported by device:

Slot	Module	Input values	Output values
0	FW 3.80 no process data / 2989103		
1	00000001	00 00 EA	00 00
2	0000000A	02 01 02 01 02 01 01 01	

IO-Controller name: siemens-controller

Configuration expected by IO-Controller:

Slot	Module	Status
0	FW 3.80 no process data / 2989103	OK
1	00000001	OK
2	0000000A	OK

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