

Foxboro[™] DCS

System Manager

PSS 41S-10SYSMGR

Product Specification

February 2023

😸 System Manager					– 🗆 ×
File View Options Actions Help					
🗟 🖳 😘 🛄 🐛 🌝 📃 🗸				• C	T28CSA 3/28/2019 13:23
Section and the state of the s					\$
∂ 0 ○ ∞ SWE101 ∨			T8CF70		
	A General Connections	Counters			
8 <u>-</u> NTPR8C	Equipment Status				^
S10P80	Name	T8CF70	Т	pe	Field Control Processor 270
	SMON	T8CSMN	Be	ot Host	T28CSA
S70P80	SMON Host	T28CSA	Fa	ult Tolerant	Yes
A	IP Address	151.128.152.50	Fa	ult Tolerant State	Operational
	Switch Connections	1		5 11 16 1	
S90P80	Hun Mode	Un Line		arm Enabled State	Enabled
	Failed Acknowledged State	Not Animoularinari	Fe Fe	iled Devices Acknowledged	No
T28ATS	Image Update State	Net Indation	D	annostics State	Not Active
A	Download State	Not Downloading			
+ • 128CSA					
4 T28SDC					
🆓 твсавз	Equipment Information				
TBCACM	Reporting State	Report All	M	ster Timekeeper Reporting	Sync Not Config
	Station Address Drimmer Made	00006CU2542 Maniad Prin		bie State	Haut Maxiad Shad
🌱 T8CCN1	Primary BOM Address	000060220193	3	adow ROM Address	00006C2201A4
A	Primary Hardware Part Number	r P0917YZ	9	adow Hardware Part Number	P0917YZ
18CCN2	Primary Hardware Revision	0G	9	adow Hardware Revision	0G
3 T8CCN3	Primary Hardware Date	0407	9	adow Hardware Date	0305
	Primary Image Revision	920053	9	adow Image Revision	920053
T8CCN4					
🏹 T8CD38	witch Connections				
⁶ 1 ² T8CF30	Since Connections				
🎒 T8CF3B	SWE201				
🐴² T8CF40	<				×
🌱 T8CF4B					
🏹 T8CF60	Messages Alarms	Inhibited Search Watch SmonLe	20		
	Index Date	Time Source Name M	lessage		^
₩ ····································	3 1 03/21	7/2019 15:54:46 T75SMN T75FCN SI	ation off-line		
CF80	2 03/2	7/2019 15:54:46 T75SMN T75F3B St	tation off-line		
	3 002	7/2019 15:54:46 T75SMN T75F60 St	tation off-line		
TBCFCN					
	4 03/2	7/2019 15:54:46 T75SMN T75P30 St	lation off-line		· ·
	. I.			a	,
1715MN Games Lindsted Ontra - CVCTEM MONITOR RECTORED	Liter Preference: Default				



Legal Information

The Schneider Electric brand and any trademarks of Schneider Electric SE and its subsidiaries referred to in this guide are the property of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owners.

This guide and its content are protected under applicable copyright laws and furnished for informational use only. No part of this guide may be reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), for any purpose, without the prior written permission of Schneider Electric.

Schneider Electric does not grant any right or license for commercial use of the guide or its content, except for a non-exclusive and personal license to consult it on an "as is" basis. Schneider Electric products and equipment should be installed, operated, serviced, and maintained only by qualified personnel.

As standards, specifications, and designs change from time to time, information contained in this guide may be subject to change without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this material or consequences arising out of or resulting from the use of the information contained herein.

Features

The EcoStruxure™ Foxboro™ DCS System Manager provides users with capabilities to monitor system health and performance. Additionally, it allows users to perform operational changes, checkpoint control stations, and execute diagnostics.

System Manager provides:

- System monitoring
- Updated equipment information
- Communication status and performance counters
- · Capability to print or save displayed information
- · Equipment change actions and logging
- · Alarm detection in the system and event summaries
- Configurable Watch List
- Intuitive, easy to navigate display structure

Overview

System Manager provides a display for monitoring the status of system components including control processors, EcoStruxure[™] Electrodynamic Controllers (SCD6000s), Control Network Interfaces, 100 Series and 200 Series Fieldbus modules, Fieldbus Communications Modules, network hardware and cables, workstations, peripherals, and field instrumentation. System Manager software is designed for ease of navigation in providing both static and dynamic system status information. It consists of three major display areas or panes to convey appropriate information quickly and efficiently. These panes are:

- Navigation Pane
- Information Pane
- Accessories Pane

System Manager Software Overview

System Manager					– 🗆 ×
e View Options Actions Help				(D) #	T28CSA 3/28/2019 13:23
				V .	
					~
€ 0 O = SWE101 -			T8CF70		
⊜ ⁹ 2∂ T8CSMN	General Connections	Counters			
	Equipment Status				^
S10P80	Name	T8CF70		Туре	Field Control Processor 270
S70P80	SMON SMON Host	T8CSMN T28CSA		Boot Host Fault Tolerant	T28CSA Yes
S80P80	IP Address Switch Connectione	151.128.152.50		Fault Tolerant State	Operational
	Run Mode	On Line		Aarm Enabled State	Enabled
	Failed State Failed Acknowledged State	Not Failed Not Acknowledged		Failed Devices Attached Failed Devices Acknowledged	No
	Image Update State Download State	Not Updating Not Downloading		Diagnostics State	Not Active
₽ ¥₩ ← • T28CSA					
T28SDC					
TBCAB3	Equipment Information	Deces M		Hada Datasa Dariba	Der Halberte
алина Станана С	Station Address	00006CC02542		Cable State	Fault
🎒 T8CCN1	Primary Mode Primary ROM Address	Married Prim 00006C220193		Shadow Mode Shadow ROM Address	Married Shad 00006C2201A4
ар тасси2	Primary Hardware Part Number Primary Hardware Revision	r P0917YZ 0G		Shadow Hardware Part Number Shadow Hardware Bevision	P0917YZ
от тессно	Primary Hardware Date	0407		Shadow Hardware Date	0305
• T8CCN4	Primary Image Revision	920053		Shadow Image Revision	320053
C 18CD38					
	witch Connections				
3 1 1 1 1 1 1 1 1 1 1	SWE201				
					~
18CF40	<				>
T8CF48	Messages Alarms	Inhibited Search Watch	Smon Log		
T8CF60	Index Date	e/Time Source Name	Message		^
© 40 ² ← • TBCF70	3 1 03/2	7/2019 15:54:46 T75SMN T75FCN	Station off-line		
		TODAD SEELIC TREPHN TREPDD	Ctation off-line		

Le	gend
А	Menu Bar
В	Toolbar with Hierarchy Navigation
С	Information Pane
D	Accessories Pane
Е	Status Bar
F	Navigation Pane

Client/Server Architecture

System Manager application is based on a client/server architecture that enables multiple System Manager clients hosted by AW workstations to access several System Manager servers that gather information from multiple System Monitor Domains.

In this example, client software is installed on three workstations: AWST03, AWST22, and AWST23. Each of these can connect to System Manager services running on either AWST02 or AWST22 servers. The connected service interacts with the two configured system monitors: SMON01 and SMON22. The system monitors in turn provide information about the stations and connected equipment in their respective domains. System Manager clients can access a service instance on the network and that service can reside on a workstation that hosts a system monitor or on one that does not.

Client/Server Architecture



NOTE: The System Manager Server is also known as the System Manager Service because it runs as a service on Windows Platforms

Navigation Pane

The Navigation Pane provides a hierarchy of system equipment that is presented in one of four views:

- System Monitor domains
- · ATS (Address Translation Station) modules
- LAN Interface modules
- Control Network Switches

In the System Monitor view, you can expand each system monitor in the Navigation pane to display the stations and switches in its domain. The next level reveals the stations. The third level shows the equipment attached to that station.

The ATS view displays the configured ATS modules configured in 'LI' mode. The next level reveals the stations. The third level shows the equipment attached to that station.



Navigation Pane - System Monitor View and ATS View

The LAN Interface (LI) View displays the configured LAN Interface modules. At the next level, LI view reveals the stations residing in a particular node. When no LIs are configured on the IA network, the LI button on the navigation tool bar and LI view are unavailable.

The Switch view shows the selected switch and the stations and switches connected to it. The next level shows the equipment attached to that station.

Switch View

SW/X001 💌

쉽 🚑 ATS001

AW5102

AWX001

AWX002

+ + AWX003

+ AWX004

+ + AWX005

FCP001

v

8

۵,

'n

6

۲

Œ

LAN Interface View S 0 💽 📾 2 0 0 (\mathfrak{O}) + A21LI1 £ SWX001 -8 AI2LI1 **°**ť AI2C38 Đ AI2C4B 40 AI2C60 AI2C60 13 -0 AI2CM1 •1 AI2M3B 40 FI2C3A 40' FI2C4A 90 FI2C60 40' FI2CP1 ŶŰ FI2D3A 88 88 69 04 **°**ť FI20P1 **9**0' FI2M3A 40' FI4C3A 40 F14C60 **M** FI4CP1 F21LI1 Ŏ F22LI1 Ŧ 33

Navigation Pane - LAN Interface (LI) View and Switch View

Ð 0 . Here ALSW1A 🗸 ~ <mark>≜</mark>@ H81SMN H81AW7 + Ŧ H81FCP ŧÛ ***D** H81ZCP Ξ * 🖻 Ξ H81ZCP H81100--5 AN0011 FIO001 KA0000 LC5495 UC1001 Ŧ ± UFM001 UIO001 + **4**0 H82FCP H82FCP В H82FE1 2 + Ŧ 2 H82FE2 H82FE3 2 Ξ C <mark>?</mark> 🖁 215CH1 28 215CH2 28 215CH3 Ð 2 👷 215CH4 <mark>?) 9</mark> 215CH5 28 215CH6

Control Processor Hierarchy in Navigation Tre	Control	Processor	Hierarchy	in	Naviga	ation	Tree
---	---------	-----------	-----------	----	--------	-------	------

Le	gend
А	This FCM connects multiple FBMs (seven of which are shown) to a ZCP270.
В	These FBMS are connected directly to an FCP (H82FCP) over the module Fieldbus.
С	Status of the selected FBM appears in the General tab in the Information pane.
D	FBMs that interface to fieldbus devices can be expanded for access to the individual devices.

Control processors are depicted in the Navigation pane by the control processor icon

(U)) displayed on the second level of the View. When the station is a fault-tolerant control processor, redundant Address Translation Station (ATS) or fault-tolerant LAN Interface module, a "2" is attached to the upper right corner of the icon.

FBMs are shown directly under the FCP270, FCM100E/Et (for the ZCP270), and earlier control processors in the Navigation pane, as these control processors connect

to only one (redundant) HDLC fieldbus (PIO channel). Their software "driver" for this fieldbus/channel is called the Primary Equipment Control Block (ECBP or ECB11). It resides in the control processor and manages communications with the Fieldbus Modules (FBMs).

However, the Field Control Processor 280 (FCP280) can connect directly to four HDLC fieldbuses (PIO channels) without the use of an FEM100. Its compound has a Primary ECB for each of the four PIO channels (a total of four Primary ECBPs).

When you expand an FCP280 in the Navigation pane, the next level shows the FCP280's four Primary ECBs.

The Primary ECBs can be selected to view additional information about the control processor and perform equipment change actions that affect the FBMs and the Fieldbus communications on the HDLC fieldbus (PIO channel) for which each Primary ECB is responsible.





Le	gend
А	Fault-tolerant FCP280 with a system message and unacknowledged alarms
В	Primary ECB for PIO channel 1 (PRIMARY_ECB1) for A1CP81 with FBMs attached
С	Primary ECB for PIO channel 2 (PRIMARY_ECB2)

D | Primary ECB for PIO channel 3 (PRIMARY_ECB3)

E Primary ECB for PIO channel 4 (PRIMARY_ECB4)

For 200 Series FBMs, when a ZCP270/CP60 control processor is used, the Fieldbus

Control Module or FCM is depicted in the Navigation pane by the 🔤 icon attached to the hosting ZCP270/CP60. The single icon is used to represent both redundant FCM pairs and a single non-redundant module. (For 100 Series FBMs under the CP60, the FBI10E or DCM10E/Efs are used.)

Fieldbus Modules or FBMs are depicted in the navigation pane by the Sicon attached either to the Primary ECB (Primary FBM) of a control station or to an FCM. The same icon is used for both redundant and non-redundant FBMs.

Certain FBMs can be expanded in the Navigation pane to show a second level of the

attached intelligent field devices, represented by the X icon.

These FBMs include modules that support various fieldbus standards such as HART[™], PROFIBUS-DP[™], and FOUNDATION[™] fieldbus. The second-level items can be selected to view device status and equipment information, and to perform equipment change actions.

The EcoStruxure[™] Foxboro[™] DCS Control Network Interface (CNI) appears in the Navigation pane under the System Monitor to which it is assigned. Only CNIs in the same Foxboro DCS system as the System Manager's host are shown in the System Manager.

Control Network Interface (CNI) and its Primary ECB



Le	gend
А	System Monitor
В	Indicates fault-tolerant CNI
С	Primary ECB for CNI
D	Control Network Interface (CNI) with a system condition

EcoStruxure[™] Field Device System Integrator (FDSI) type FBM modules integrate Tricon[™], Trident[™], and Triconex[®] General Purpose (Tri-GP) devices using the Triconex System Access Application (TSAA) protocol.

If Triconex Enhanced Diagnostic Monitor (EnDM) software v2.9 or later is installed, System Manager is able to directly launch Triconex EnDM to the specific node as configured. Triconex EnDM is an application to monitor Tricon, Trident, and Tri-GP devices.

Otherwise, System Manager provides views of status and information for a Triconex device attached to an FDSI FBM by launching the TRICON Main Chassis Diagnostics Display in the EcoStruxure Foxboro DCS FoxView[™] user interface. System Manager

also provides status and related information on other smart devices interfaced through FBMs including FoxGuard ACM, SCADA RTUs and various third-Party PLC subsystems.

The Navigation Tree enables FOUNDATION fieldbus devices, HART devices and devices attached to the FBM247 to be labeled with up to 12 character names.

System Manager considers serial, parallel, and USB printers as peripherals. However, the network printers are considered as separate objects on the same hierarchical level as workstations.

The Electrodynamic Controller (SCD6000) appears in the navigation pane under the System Monitor to which it is assigned. The SCD600 contains no children.

Electrodynamic Controller (SCD6000) in Navigation Tree



Le	gend
А	System Monitor
В	Indicates alarm inhibited SCD6000 with an alert condition
С	SCD6000

System Manager can display the aggregate health status for SCD6000s. If Remote Terminal Viewer (RTV), an application to monitor the health of SCD6000s and devices attached to SCD6000s, version SY-1101212_Q and later is installed on the same workstation as System Manager, then you can directly launch RTV from System Manager to see more details on the SCD6000 health status.

Status Indicators

System Manager indicates equipment status by placing symbols next to the related equipment icon. This is used in the Navigation pane and in the Accessories pane's Search Tab.

See this table for examples.

Table 1. Status Indicators

Symbol	Example	Condition
?		The question mark on a blue background indicates the equipment is offline or not ready.
		The exclamation mark on a yellow background indicates that there is at least one unsuccessful peripheral attached to the workstation module.
8	e	The X on a red background indicates that a workstation was unsuccessful.
\odot	2	The question mark on a gray background indicates that the status of the workstation is unknown. There is no status response from the System Monitor.
		The workstation is operating normally when there are no symbols attached to the equipment icon.

Information Pane

The Information Pane provides detailed information about a single hardware component of the system. Due to the large amounts of both static and dynamic data for some components, the information is grouped in tabs that make it easier to locate key information for the selected component at hand.

The primary tabs consist of the General Tab containing configuration and equipment information, the communication Counters Tab containing communications counter data and the Connections Tab which depicts the network switch's station connections. Information displays are tailored to the selected system component.

General Tab

The General Tab view, shown in the next image, provides status, configuration details, performance and diagnostic data for the selected equipment. At one glance, users can determine key information on a station or device allowing for quick action if necessary.

Information Pane - General Tab

WSM01 YSMN1 51.128.152.27 es n Line nabled es ot Updating	SMON Host Switch Connections Fault Tolerant State Failed State Failed Acknowledged State Failed Acknowledged State	AWSM01 2 Operational Not Failed Acknowledged	
YSMN1 51.128.152.27 es n Line nabled es ot Updating	SMON Host Switch Connections Fault Tolerant State Failed State Failed Acknowledged State Failed Acknowledged State	AWSM01 2 Operational Not Failed Acknowledged	
51.128.152.27 es n Line nabled es ot Updating	Switch Connections Fault Tolerant State Failed State Failed Acknowledged State Failed Devices Acknowledged	2 Operational Not Failed Acknowledged	
es n Line nabled es ot Updating	Fault Tolerant State Failed State Failed Acknowledged State Failed Devices Acknowledged	Operational Not Failed Acknowledged	
n Line nabled es ot Updating	Failed State Failed Acknowledged State Failed Devices Acknowledged	Not Failed Acknowledged	
nabled es ot Updating	Failed Acknowledged State	Acknowledged	
es ot Updating	Eailed Devices Acknowledged		
ot Updating	railes befices /icknowledged	Yes	
	Download State	Not Downloading	
ot Active			
0006CC00076	Cable State	Both Cables Okay	
lamed Prim	Shadow Mode	Married Shad	
0006C2202D1	Shadow ROM Address	00006C2202FB	
0917YZ	Shadow Hardware Part Number	P0917YZ	
R	Shadow Hardware Revision	0J	
429	Shadow Hardware Date	0429	
	sport All 006CC00076 amed Prim 006C2202D1 91772 3 329	sport All Master Timekeeper Reporting Cable State Shadow Mode Shadow Mode Shadow ROM Address Shadow Hardware Part Number Shadow Hardware Part Number Shadow Hardware Revision Shadow Hardware Revision	aport All Master Timekeeper Reporting Sync Not Corfig Cable State Both Cables Okay amed Prim Shadow Mode Mamed Shad 00006C2002P1 Shadow ROM Address 000006C2002F8 91772 Shadow Hardware Path Number P091772 Shadow Hardware Revision 0,0 29 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Counters Tab

The Counters View contains the network counter categories for the selected station.

Information Pane - Counters Tab - for FCP280 Control Processors

e	neral Connections Counter	S	NECFOI			
))	unter Categories Diagnostic Counters 💿 Networ	rk Layer 🔘 Tr a	ansport Layer	Application La	nyer 🔘 Load	ling Parameters
D	Counter	Current Value	Previous Value	Maximum	Minimum	
බ	Bad Ethemet Packets	0		0	0	
•	Ethernet Miscompares	74		74	74	
	Ethernet Port Switchovers	0		0	0	
Ð	Hot Remarry Count	0		0	0	
E)	Maximum NetBuffers Used	87		87	87	
	PIO Miscompares	0		0	0	
	PIO Timeouts	0		0	0	
	Primary Corrected Memory Error	0		0	0	
	Probe Packet Failures	1		1	1	
	Shadow Corrected Memory Error	0		0	0	
		24400		24499	24499	
	Total Received Packets	24433				

The counters are organized by communications layer and allow the user to analyze overall communications activity for a station. In addition, this display supports user actions on counters such as read, reset and add to Watch List.

Information Pane - Counters Tab - for FCP270/ZCP270 and Earlier Control Processors

		FCP800		
General Connections Co	unters			
ounter Categories				
MAC Sublayer O Networ	k Layer O Transport	Layer 🔿 Applic	ation Layer	O Loading Parameters
D Counter	Current Value	Previous Value	Maximum	Minimum
802.3 MAC Resets	1	1	1	1
802.4 MAC Resets	0	0	0	0
	0	0	0	0
Align Errors				
Collisions	0	0	0	0
Collisions CRC Errors	0 1	0	0 1	0 1
Collisions CRC Errors DMA Overrun	0 1 0	0 1 0	0 1 0	0 1 0
Collisions CRC Errors DMA Overrun DMA Underruns	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0
Align Errors CRC Errors DMA Overrun DMA Underruns Excess Collisions	0 1 0 0 284	0 1 0 0 284	0 1 0 0 284	0 1 0 0 284
Collisions CRC Errors DMA Overrun DMA Underruns Excess Collisions Frames Received	0 1 0 0 284 730459	0 1 0 284 730423	0 1 0 284 730459	0 1 0 0 284 730423
Augn Errors Collisions CRC Errors DMA Overrun DMA Underruns Excess Collisions Frames Received Frames Transmitted	0 1 0 284 730459 71398	0 1 0 284 730423 71362	0 1 0 284 730459 71398	0 1 0 284 730423 71362
Collisions Collisions CRC Errors DMA Overrun DMA Underruns Excess Collisions Frames Received Frames Transmitted No Receive Resources	0 1 0 284 730459 71398 0	0 1 0 284 730423 71362 0	0 1 0 284 730459 71398 0	0 1 0 284 730423 71362 0

Accessories Pane

Users can access the Accessories Pane to quickly display specific system information that assists in identifying the current system status. Types of information include:

- System Equipment Messages/Events
- System Equipment Alarms
- Detect Alarms for System Equipment
- Search for specific type of equipment
- Watch List to group selected counters for monitoring and review

User actions are also available to acknowledge alarms, inhibit alarms, refresh message panes, and print or save to a file.

Accessories Pane - Alarms Page

1	Messages Alarms Inhibited Search Watch Smon Log								
0	• Index	: 🔺 Date/Time	Source	Name	Message	^			
٢	1	06/28/2006 16:36:49	SYSMN2	AWSM05	Station off-line				
\oslash	2	06/29/2006 15:10:42	SYSMN1	AWSM03	Warning condition exists				
(3	06/29/2006 15:10:42	SYSMN1	AWSM03\PRI P	Device off-line				
	4	06/29/2006 15:10:42	SYSMN1	AWSM03\AKP 1	Device off-line				
	5	06/29/2006 15:10:47	SYSMN1	FCP701	Cable A failure				
	6	06/29/2006 15:10:25	SYSMN1	FCP702	Station off-line				
	7	06/29/2006 15:10:47	SYSMN1	SW001A	Warning condition exists				
	8	06/29/2006 15:10:48	SYSMN1	SW001A\P05	Device off-line				
	9	06/29/2006 15:10:48	SYSMN1	SW001A\P06	Device off-line				
	10	06/29/2006 15:10:48	SYSMN1	SW001A\P07	Device off-line				
	11	06/29/2006 15:10:48	SYSMN1	SW001A\P12	Device off-line				
	12	06/29/2006 15:10:48	SYSMN1	SW001A\P17	Device off-line	~			

Watch Tab

The Watch tab in the Accessories Pane allows users to monitor up to 25 counters for different types of equipment.

The counters are selected from the Counters tabs for the equipment to be monitored.

Accessories Pane - Watch Tab

Messages	Alarms	Inhibited	Search	Watcl	n S	mon Log	
Counter		Current Va	lue Previou	Value	Maximum	Minimum	Source
Frames Rece	ived	3706165	370565	3	3706165	3705211	FUSECP
Frames Trans	mitted	3502371	350188	4	3502371	3501441	FUSECP
Frames Rece	ived	8161793	816148	6	8161793	8161020	F27010
Frames Trans	mitted	11349072	113486	72	11349072	11347895	F27010
Frames Rece	ived	11655956	116552	16	11655956	11655216	Z27010
Frames Trans	mitted	14830445	148293	39	14830445	14829389	Z27010
Frames Rece	ived	526000	525978		526000	526000	Z27050
Frames Trans	mitted	120754	120738		120754	120754	Z27050
9							
0							
9							

Online Help

An online help feature is available that offers information regarding equipment icons and status symbols used in System Manager. This is the Legend key:

J.	Legend		
B	SMON	BusA	Bus A Enabled
	AW	Bus B	Bus B Enabled
١	CP/ATS	AUTO	Bus Auto Select
	FT CP/ATS	Infi	Cable A Inhibited
O	U	InB	Cable B Inhibited
Q	FT LI	InAB	Cables AB Inhibited
	WP	4	Communication Fault
mui	Switch	∳ A	Cable Fault A
۲	Switch Port	ýВ	Cable Fault B
F	Primary ECB	₩A	Cable A Failed
5	FCM	HB	Cable B Failed
	FBM	HAB	Cables AB Failed
8	Device	€ A	Receiver A Failed
0	Peripheral/Network Printer	← В	Receiver B Failed
Δ	Warning	RCVR	Receiver Failure
8	Failed	-≱A	Transmitter A Failed
?	Unknown	- ∌ B	Transmitter B Failed
?	Off Line/Not Ready	⇔A	Drop Cable A for LI
*	Unacknowledged	⇔в	Drop Cable B for LI
0	Alarm Inhibited	©xA	LI/CP TxRx A Inhibited
		⊗x₿	LI/CP TxRx B Inhibited
		©₽	NB/TB Cable A Inhibited
		ØВ	NB/TB Cable B Inhibited

Specifications

System Manager runs on these platforms as part of Control Core Services v9.4 or later:

- Windows Server® 2016
- Windows 10[®]

WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.p65warnings.ca.gov/.

Schneider Electric Systems USA, Inc. 70 Mechanic Street Foxboro, Massachusetts 02035–2040 United States of America

Global Customer Support: https://pasupport.se.com

As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

© 2019–2023 Schneider Electric. All rights reserved.

PSS 41S-10SYSMGR, Rev C