

# Instrumentation Tools

Totally Integrated Automation Portal		
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## GET command sample project

Project							
<b>Name:</b>	GET command sample project	<b>Creation time:</b>	12/13/2023 9:30:53 AM	<b>Last change</b>	12/17/2023 12:04:34 PM	<b>Author:</b>	MahmoudSalama
<b>Last modified by:</b>	Mmuhamed	<b>Version:</b>					
<b>Comment:</b>							

Operating system	
Name	Description
Operating system	Microsoft Windows 10 Pro
Version of the operating system	6.3.9600.0
Operating system service pack	
Version of the Internet Explorer	11.3636.19041.0
Computer name	MMUHAMED-D1
User name	GULSANEGYPT\mmuhamed
Installation path of the TIA Portal	C:\Program Files\Siemens\Automation\Portal V16

Components		
Name	Version	Release
TIA Portal Project Server V16 - TIA Portal Project Server Single SetupPackage V16.0 (MUSERVERV16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - SIMATIC S7-PLCSIM V16.0 (S7_PLCSIM_V16)	V16.0	V16.00.00.00_31.00.13.01
TIA Administrator - AWB Licensing Module V1.0 + SP2 (TIAADMIN)	V1.0 + SP2	V01.00.02.00_01.10.00.01
TIA Administrator - AWB Software Management V1.0 + SP2 (TIAADMIN)	V1.0 + SP2	V01.00.02.00_01.10.00.01
TIA Administrator - TIA UMC Agent Configurator Module V1.0 + SP2 (TIAADMIN)	V1.0 + SP2	V01.00.02.00_01.10.00.01
TIA Administrator - TIA Administrator V1.0 SP2 (TIAADMIN)	V1.0 + SP2	V01.00.02.00_01.10.00.01
Siemens Totally Integrated Automation Portal V16 - HM All Editions Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - HM NoBasic Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 0 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Multiuser Client Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - Version Control Interface SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - STEP 7 Safety Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - SINAMICS Startdrive G110M, G120, G120C, G120D, G120P V16.0 (TIAP16)	V16.0	V16.00.00.00_20.00.00.04
Siemens Totally Integrated Automation Portal V16 - Startdrive Hardware Support Base Package 1 V16.0 (TIAP16)	V16.0	V16.00.00.00_20.00.00.04
Siemens Totally Integrated Automation Portal V16 - SINAMICS-STARTDRIVE-COMMON V16.0 (TIAP16)	V16.0	V16.00.00.00_20.00.00.04
Siemens Totally Integrated Automation Portal V16 - SINAMICS-STARTDRIVE-COMMON-OPENNESS V16.0 (TIAP16)	V16.0	V16.00.00.00_20.00.00.04
Siemens Totally Integrated Automation Portal V16 - SINAMICS-STARTDRIVE-COMMON-SAT V16.0 (TIAP16)	V16.0	V16.00.00.00_20.00.00.04
Siemens Totally Integrated Automation Portal V16 - SINAMICS Startdrive G130, G150, S120, S150, SINAMICS MV V16.0 (TIAP16)	V16.0	V16.00.00.00_20.00.00.04
Siemens Totally Integrated Automation Portal V16 - STEP 7 Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 02 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 03 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 04 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Support Base Package TO-01 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Support Base Package TO-02 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package WCF-01 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - TIACOMPCHCK Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - Simatic Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - WinCC Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - Openness SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - WinCC Transfer Mandatory Single SetupPackage V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
User Management Component - UserManagementComponentx64 V2.7 (UMC64)	V2.7	V02.07.00.00_04.06.00.07
WinCC Runtime Advanced V16.0 - HMIRTM Tagging Package 01 Single SetupPackage V16.0 (HMIRTM_V11)	V16.0	V16.00.00.00_31.02.00.01
WinCC Runtime Professional V16 - SIMATIC WinCC Runtime V16.0 (SCADA-RT_V11)	V16.0	V07.05.56.00_01.43.00.01
WinCC Runtime Professional V16 - OPCUA_Client V1.1 + SP1 (SCADA-RT_V11)	V1.1 + SP1	V01.01.01.00_01.11.00.01
WinCC Runtime Professional V16 - SCADA Simulation Single SetupPackage V16.0 (SCADA-RT_V11)	V16.0	V16.00.00.00_31.02.00.01

# Instrumentation Tools

Totally Integrated Automation Portal		
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Name	Version	Release
Siemens Totally Integrated Automation Portal V16 - Simatic Single Setup-Package 32 Bit V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - WinCC Single Setup-Package 32 Bit V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
SIMATIC HMI License Manager Panel Plugin (x64)	16.0.0.0	V16.00.00.00_31.02.00.01
SIMATIC WinCC Runtime Advanced Driver (x64)	16.0.0.0	V16.00.00.00_31.02.00.01
ETWEventCollector	16.0.0.0	V16.00.00.00_31.02.00.01
SIMATIC NCM FWL 64	5.6.0.3	K5.6.0.3_1.1.0.2
NCM GPRS 64	01.02.00.00	V1.2.0.0_2.1.0.1
SIMATIC PLCSIM 64	16.00.00	16.00.00.00_01.00.02.01
SIMATIC Device Drivers	9.2	09.02.04.00_01.04.00.05
TelemetryConnector	1.0.2.57	V01.00.02.57_01.00.00.01
Automation Software Updater	02.05.0300	V02.05.03.00_01.01.00.29
SIMATIC HMIProvider	7.0	K07.00.03.01_01.01.00.01
SIEMENS OPC	3.9	03.09.10.00_01.04.00.08
SIMATIC HMI ProSave	16.0.0.0	V16.00.00.00_31.02.00.01
SIMATIC HMI Symbol Library	16.0.0.0	V16.00.00.00_31.02.00.01
SIMATIC HMI Touch Input	16.0.0.0	V16.00.00.00_31.02.00.01
SIMATIC Runtime Interfaces	2.1	K02.01.00.03_01.01.00.01
SIMATIC Device Drivers WoW	29.2	29.02.04.00_01.04.00.05
SIMATIC Event Database	5.6	05.06.02.00_01.01.00.01
SeCon	2.6	V02.06.01.00_01.08.00.01
SIMATIC Station Observer	K7.3.1.0	V07.03.01.00_01.01.00.14
SIMATIC SCS	K7.5.2.2	V07.05.02.02_01.03.00.04
SIMATIC WinCC Common Archiving	V7.5.0.0	V07.05.56.00_01.43.00.01
WinCC Runtime Advanced Simulator	16.0.0.0	V16.00.00.00_31.02.00.01

Products		
Name	Version	Release
TIA Portal Project Server	V16.0	V16.00.00.00_31.02.00.01
SIMATIC S7-PLCSIM	V16.0	V16.00.00.00_31.00.13.01
TIA Administrator	V1.0	01.00.02.00_01.10.00.01
SINAMICS G110M, G120, G120C, G120D, G120P	V16.0	V16.00.00.00_20.00.00.04
SINAMICS G130, G150, S120, S150, SINAMICS MV, S210	V16.0	V16.00.00.00_20.00.00.04
SIMATIC STEP 7 Prof - STEP 7 Safety - WinCC Prof	V16.0	V16.00.00.00_31.02.00.01
User Management Component	V2.7	V02.07.00.00_00.00.00.00
SIMATIC WinCC Runtime Advanced Simulation	V16.0	V16.00.00.00_31.02.00.01
SIMATIC WinCC Runtime Professional Simulation	V16.0	V16.00.00.00_31.02.00.01
Automation License Manager	V6.0 + SP5 + Upd1	06.00.05.01_02.01.00.05
S7-PLCSIM	V5.4 + SP8	V05.04.08.01_01.24.00.01
SIMATIC ProSave	V16.0	V16.00.00.00_31.02.00.01
S7-PCT	V3.5 + SP1	K3.5.1.0_1.19.0.1

## GET command sample project

### PLC\_1 [CPU 1516-3 PN/DP]

#### PLC\_1

##### General\Project information

<b>Name</b>	PLC_1	<b>Author</b>	Mmuhamed	<b>Comment</b>	
<b>Rack</b>	0	<b>Slot</b>	1		

##### General\Catalog information

<b>Short designation</b>	CPU 1516-3 PN/DP	<b>Description</b>	CPU with display; work memory 1 MB code and 5 MB data; 10 ns bit operation time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting and measuring; tracing; Runtime options; isochronous mode (central); for all PROFINET interfaces: transport protocol TCP/IP, secure Open User Communication, S7 communication, S7 routing, IP forwarding, Web server, DNS client, OPC UA: Server DA, Client DA, methods, companion specifications; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-Device, MRP, MRPD, isochronous mode; 2nd interface: PROFINET IO controller, supports RT, I-Device; 3rd interface: PROFIBUS DP Master, S7 communication, isochronous mode, S7 routing; firmware V2.8	<b>Article number</b>	6ES7 516-3AN02-0AB0
<b>Firmware version</b>	V2.8				

##### General\Identification & Maintenance

<b>Plant designation</b>		<b>Location identifier</b>		<b>Installation date</b>	2023-12-13 09:46:55.832
<b>Additional information</b>					

##### General\Checksums

<b>Text lists</b>	FA 70 E8 75 1D 5A 8E 29	<b>Software</b>	Not available (compile necessary)
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##### Connection resources\

	Station resources - Reserved - Maximum	Station resources - Reserved - Configured	Station resources - Dynamic - Configured	Module resources - PLC_1 [CPU 1516-3 PN/DP] - Configured
Maximum number of resources:		10	118	128
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	0	0	0
S7 communication:	0	-	1	1
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
OPC UA client/server communication:	0	-	-	-
Other communication:	-	-	0	0
Total resources used:		0	1	1
Available resources:		10	117	127

##### Overview of addresses\Overview of addresses\Overview of addresses

<b>Inputs</b>	True	<b>Outputs</b>	True	<b>Address gaps</b>	False
<b>Slot</b>	True				

GET command sample project / PLC\_1 [CPU 1516-3 PN/DP]

**Software units**

This folder is empty.

## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / Program blocks

### Main [OB1]

#### Main Properties

##### General

<b>Name</b>	Main	<b>Number</b>	1	<b>Type</b>	OB	<b>Language</b>	LAD
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<b>Numbering</b>	Automatic
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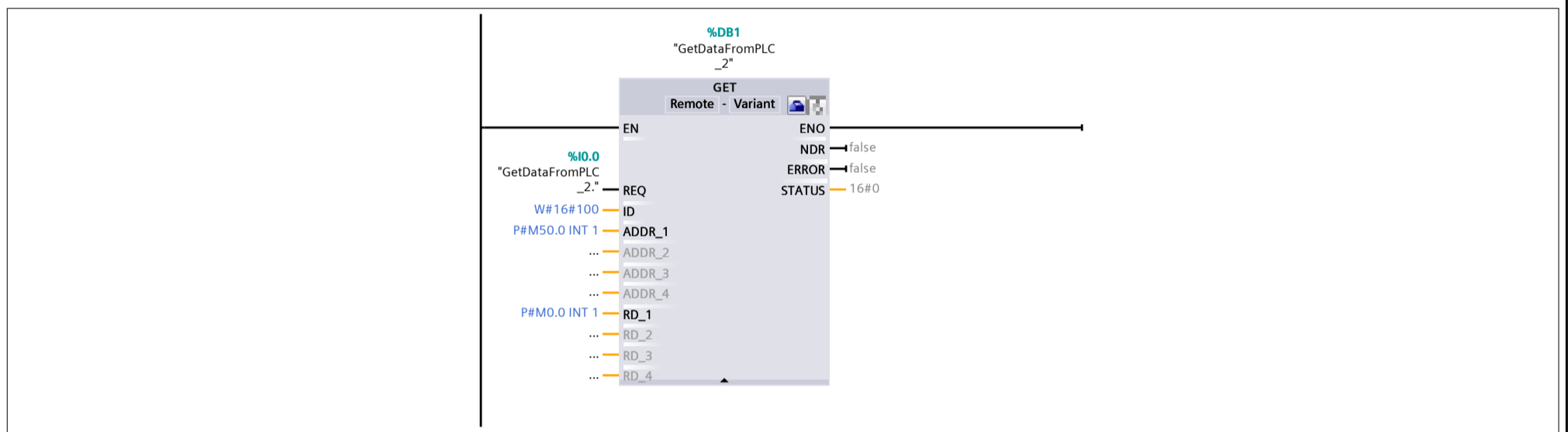
##### Information

<b>Title</b>	"Main Program Sweep (Cycle)"	<b>Author</b>		<b>Comment</b>		<b>Family</b>	
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<b>Version</b>	0.1	<b>User-defined ID</b>	
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Name	Data type	Default value
▼ Input		
Initial_Call	Bool	
Remanence	Bool	
Temp		
Constant		

### Network 1:



## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / Program blocks / System blocks / Program resources

### PUT\_dataInToPLC\_2 [DB2]

#### PUT\_dataInToPLC\_2 Properties

##### General

<b>Name</b>	PUT_dataInToPLC_2	<b>Number</b>	2	<b>Type</b>	DB	<b>Language</b>	DB
<b>Numbering</b>	Automatic						

##### Information

<b>Title</b>		<b>Author</b>	SIMATIC	<b>Comment</b>		<b>Family</b>	COM_FUNC
<b>Version</b>	1.1	<b>User-defined ID</b>	PUT				

Name	Data type	Start value	Retain
▼ Input			
REQ	Bool	false	False
ID	Word	16#0	False
▼ Output			
DONE	Bool	false	False
ERROR	Bool	false	False
STATUS	Word	16#0	False
▼ InOut			
ADDR_1	Remote		False
ADDR_2	Remote		False
ADDR_3	Remote		False
ADDR_4	Remote		False
SD_1	Variant		False
SD_2	Variant		False
SD_3	Variant		False
SD_4	Variant		False
Static			

## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / Program blocks / System blocks / Program resources

### GetDataFromPLC\_2 [DB1]

#### GetDataFromPLC\_2 Properties

##### General

<b>Name</b>	GetDataFromPLC_2	<b>Number</b>	1	<b>Type</b>	DB	<b>Language</b>	DB
<b>Numbering</b>	Automatic						

##### Information

<b>Title</b>		<b>Author</b>	SIMATIC	<b>Comment</b>		<b>Family</b>	COM_FUNC
<b>Version</b>	1.1	<b>User-defined ID</b>	GET				

Name	Data type	Start value	Retain
▼ Input			
REQ	Bool	false	False
ID	Word	16#0	False
▼ Output			
NDR	Bool	false	False
ERROR	Bool	false	False
STATUS	Word	16#0	False
▼ InOut			
ADDR_1	Remote		False
ADDR_2	Remote		False
ADDR_3	Remote		False
ADDR_4	Remote		False
RD_1	Variant		False
RD_2	Variant		False
RD_3	Variant		False
RD_4	Variant		False
Static			

## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP]




### Technology objects

This folder is empty.






## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP]

### PLC tags

PLC tags			
Icon	Name	Data type	Address
	GetDataFromPLC_2.	Bool	%I0.0
	StoreDataHere	Int	%MWO
	Tag_1	Bool	%M0.0

## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / PLC tags

### Default tag table [52]

PLC tags			
Icon	Name	Data type	Address
	GetDataFromPLC_2.	Bool	%I0.0
	StoreDataHere	Int	%MWO
	Tag_1	Bool	%MO.0

GET command sample project / PLC\_1 [CPU 1516-3 PN/DP]

## PLC data types

This folder is empty.

GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / Watch and force tables

## Force table

Name	Address	Display format	Force value
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GET command sample project / PLC\_1 [CPU 1516-3 PN/DP]

## Traces

Name

GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / Traces

## Measurements

This folder is empty.

GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / Traces

Combined measurements

Name

GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / OPC UA communication

## Server interfaces

This folder is empty.



GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / OPC UA communication

## Client interfaces

This folder is empty.

GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / PLC supervisions & alarms

## Supervisions

This folder is empty.

## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / PLC supervisions & alarms

### PLC alarms

#### PLC alarms

Name	Type	ID	Alarm text	Info text	Information only
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## GET command sample project / PLC\_1 [CPU 1516-3 PN/DP] / PLC supervisions & alarms

### System alarms

#### System alarms

Name	Type	ID	Alarm text	Info text	Information only
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GET command sample project / PLC\_1 [CPU 1516-3 PN/DP]

**PLC alarm text lists**

This folder is empty.

Totally Integrated Automation Portal					
<h2 style="margin: 0;">GET command sample project / PLC_1 [CPU 1516-3 PN/DP] / Local modules</h2> <h3 style="margin: 0;">PLC_1 [CPU 1516-3 PN/DP]</h3>					
<b>PLC_1</b>					
<b>General\Project information</b>					
<b>Name</b>	PLC_1	<b>Author</b>	Mmuhamed	<b>Comment</b>	
<b>Rack</b>	0	<b>Slot</b>	1		
<b>General\Catalog information</b>					
<b>Short designation</b>	CPU 1516-3 PN/DP	<b>Description</b>	CPU with display; work memory 1 MB code and 5 MB data; 10 ns bit operation time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting and measuring; tracing; Runtime options; isochronous mode (central); for all PROFINET interfaces: transport protocol TCP/IP, secure Open User Communication, S7 communication, S7 routing, IP forwarding, Web server, DNS client, OPC UA: Server DA, Client DA, methods, companion specifications; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-Device, MRP, MRPD, isochronous mode; 2nd interface: PROFINET IO controller, supports RT, I-Device; 3rd interface: PROFIBUS DP Master, S7 communication, isochronous mode, S7 routing; firmware V2.8	<b>Article number</b>	6ES7 516-3AN02-0AB0
<b>Firmware version</b>	V2.8				
<b>General\Identification &amp; Maintenance</b>					
<b>Plant designation</b>		<b>Location identifier</b>		<b>Installation date</b>	2023-12-13 09:46:55.832
<b>Additional information</b>					
<b>General\Checksums</b>					
<b>Text lists</b>	FA 70 E8 75 1D 5A 8E 29	<b>Software</b>	Not available (compile necessary)		
<b>Connection resources\</b>					
	<b>Station resources - Reserved - Maximum</b>	<b>Station resources - Reserved - Configured</b>	<b>Station resources - Dynamic - Configured</b>	<b>Module resources - PLC_1 [CPU 1516-3 PN/DP] - Configured</b>	
Maximum number of resources:		10	118	128	
	Maximum	Configured	Configured	Configured	
PG communication:	4	-	-	-	
HMI communication:	4	0	0	0	
S7 communication:	0	-	1	1	
Open user communication:	0	-	0	0	
Web communication:	2	-	-	-	
OPC UA client/server communication:	0	-	-	-	
Other communication:	-	-	0	0	
Total resources used:		0	1	1	
Available resources:		10	117	127	
<b>Overview of addresses\Overview of addresses\Overview of addresses</b>					
<b>Inputs</b>	True	<b>Outputs</b>	True	<b>Address gaps</b>	False
<b>Slot</b>	True				

## GET command sample project

### PLC\_2 [CPU 1516-3 PN/DP]

#### PLC\_2

##### General\Project information

<b>Name</b>	PLC_2	<b>Author</b>	Mmuhamed	<b>Comment</b>	
<b>Rack</b>	0	<b>Slot</b>	1		

##### General\Catalog information

<b>Short designation</b>	CPU 1516-3 PN/DP	<b>Description</b>	CPU with display; work memory 1 MB code and 5 MB data; 10 ns bit operation time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting and measuring; tracing; Runtime options; isochronous mode (central); for all PROFINET interfaces: transport protocol TCP/IP, secure Open User Communication, S7 communication, S7 routing, IP forwarding, Web server, DNS client, OPC UA: Server DA, Client DA, methods, companion specifications; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-Device, MRP, MRPD, isochronous mode; 2nd interface: PROFINET IO controller, supports RT, I-Device; 3rd interface: PROFIBUS DP Master, S7 communication, isochronous mode, S7 routing; firmware V2.8	<b>Article number</b>	6ES7 516-3AN02-0AB0
<b>Firmware version</b>	V2.8				

##### General\Identification & Maintenance

<b>Plant designation</b>		<b>Location identifier</b>		<b>Installation date</b>	2023-12-13 09:48:13.727
<b>Additional information</b>					

##### General\Checksums

<b>Text lists</b>	FA 70 E8 75 1D 5A 8E 29	<b>Software</b>	Not available (compile necessary)
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##### Connection resources\

	Station resources - Reserved - Maximum	Station resources - Reserved - Configured	Station resources - Dynamic - Configured	Module resources - PLC_2 [CPU 1516-3 PN/DP] - Configured
Maximum number of resources:		10	118	128
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	0	0	0
S7 communication:	0	-	0	0
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
OPC UA client/server communication:	0	-	-	-
Other communication:	-	-	0	0
Total resources used:		0	0	0
Available resources:		10	118	128

##### Overview of addresses\Overview of addresses\Overview of addresses

<b>Inputs</b>	True	<b>Outputs</b>	True	<b>Address gaps</b>	False
<b>Slot</b>	True				

GET command sample project / PLC\_2 [CPU 1516-3 PN/DP]

**Software units**

This folder is empty.



## GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / Program blocks

### Main [OB1]

#### Main Properties

##### General

<b>Name</b>	Main	<b>Number</b>	1	<b>Type</b>	OB	<b>Language</b>	LAD
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<b>Numbering</b>	Automatic
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##### Information

<b>Title</b>	"Main Program Sweep (Cycle)"	<b>Author</b>		<b>Comment</b>		<b>Family</b>	
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<b>Version</b>	0.1	<b>User-defined ID</b>	
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Name	Data type	Default value
▼ Input		
Initial_Call	Bool	
Remanence	Bool	
Temp		
Constant		


## GET command sample project / PLC\_2 [CPU 1516-3 PN/DP]

### Technology objects

This folder is empty.

## GET command sample project / PLC\_2 [CPU 1516-3 PN/DP]

### PLC tags

PLC tags			
Icon	Name	Data type	Address
	SendDataToPLC_1	Int	%MW50

## GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / PLC tags

### Default tag table [50]

PLC tags			
Icon	Name	Data type	Address
	SendDataToPLC_1	Int	%MW50

GET command sample project / PLC\_2 [CPU 1516-3 PN/DP]

## PLC data types

This folder is empty.

GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / Watch and force tables

## Force table

Name	Address	Display format	Force value
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GET command sample project / PLC\_2 [CPU 1516-3 PN/DP]

Traces

Name

GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / Traces

**Measurements**

This folder is empty.



GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / Traces

Combined measurements

Name

GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / OPC UA communication

## Server interfaces

This folder is empty.

GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / OPC UA communication

## Client interfaces

This folder is empty.

GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / PLC supervisions & alarms

## Supervisions

This folder is empty.

## GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / PLC supervisions & alarms

### PLC alarms

#### PLC alarms

Name	Type	ID	Alarm text	Info text	Information only
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## GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / PLC supervisions & alarms

### System alarms

#### System alarms

Name	Type	ID	Alarm text	Info text	Information only
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GET command sample project / PLC\_2 [CPU 1516-3 PN/DP]

**PLC alarm text lists**

This folder is empty.

## GET command sample project / PLC\_2 [CPU 1516-3 PN/DP] / Local modules

### PLC\_2 [CPU 1516-3 PN/DP]

#### PLC\_2

##### General\Project information

<b>Name</b>	PLC_2	<b>Author</b>	Mmuhamed	<b>Comment</b>	
<b>Rack</b>	0	<b>Slot</b>	1		

##### General\Catalog information

<b>Short designation</b>	CPU 1516-3 PN/DP	<b>Description</b>	CPU with display; work memory 1 MB code and 5 MB data; 10 ns bit operation time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting and measuring; tracing; Runtime options; isochronous mode (central); for all PROFINET interfaces: transport protocol TCP/IP, secure Open User Communication, S7 communication, S7 routing, IP forwarding, Web server, DNS client, OPC UA: Server DA, Client DA, methods, companion specifications; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-Device, MRP, MRPD, isochronous mode; 2nd interface: PROFINET IO controller, supports RT, I-Device; 3rd interface: PROFIBUS DP Master, S7 communication, isochronous mode, S7 routing; firmware V2.8	<b>Article number</b>	6ES7 516-3AN02-0AB0
<b>Firmware version</b>	V2.8				

##### General\Identification & Maintenance

<b>Plant designation</b>		<b>Location identifier</b>		<b>Installation date</b>	2023-12-13 09:48:13.727
<b>Additional information</b>					

##### General\Checksums

<b>Text lists</b>	FA 70 E8 75 1D 5A 8E 29	<b>Software</b>	Not available (compile necessary)
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##### Connection resources\

	Station resources - Reserved - Maximum	Station resources - Reserved - Configured	Station resources - Dynamic - Configured	Module resources - PLC_2 [CPU 1516-3 PN/DP] - Configured
Maximum number of resources:		10	118	128
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	0	0	0
S7 communication:	0	-	0	0
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
OPC UA client/server communication:	0	-	-	-
Other communication:	-	-	0	0
Total resources used:		0	0	0
Available resources:		10	118	128

##### Overview of addresses\Overview of addresses\Overview of addresses

<b>Inputs</b>	True	<b>Outputs</b>	True	<b>Address gaps</b>	False
<b>Slot</b>	True				



**GET command sample project**

**Ungrouped devices**

This folder is empty.

## GET command sample project

### Security settings

This folder is empty.

GET command sample project / Cross-device functions / Project traces

## Measurements

This folder is empty.

## GET command sample project / Common data

### Alarm classes

Alarm classes			
Name	Display name	Acknowledgment	Priority
Acknowledgement	A	True	0
No Acknowledgement	NA	False	0

GET command sample project / Common data

**Logs**

This folder is empty.

## GET command sample project / Languages & resources

### Project languages

#### Languages

##### Reference language

English (United States)

##### Editing language

English (United States)

##### Other project languages

Empty

## GET command sample project / Languages & resources / Project texts

### Project texts

Project texts		
English (United States)	Category	Reference
"Main Program Sweep (Cycle)"	Block comment	GET command sample project\PLC_1 [CPU 1516-3 PN/DP]\Program blocks\Main [OB1]\Block title
"Main Program Sweep (Cycle)"	Block comment	GET command sample project\PLC_2 [CPU 1516-3 PN/DP]\Program blocks\Main [OB1]\Block title
A	Alarm class text	GET command sample project\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
A	Alarm class text	GET command sample project\Acknowledgement\ShortName
NA	Alarm class text	GET command sample project\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
NA	Alarm class text	GET command sample project\No Acknowledgement\ShortName