



TIA na dosah - mikrosystémy LOGO! CIM

Harmonogram

09:00–09:40 Představení novinek LOGO!, S7-1200

09:40–10:00 Vzdálená správa, OPC UA, telecontrol

10:00–10:10 Přestávka

10:10–10:40 Knihovny, standardizace, aplikační podpora

10:40–11:00 Webové prostředí, komunikace LOGO!

11:00–11:10 Přestávka

11:10–11:40 HMI Basic a Unified panely

11:40–12:00 Safety S7-1200

12:00–12:10 Přestávka

12:10–12:30 Edge system

12:30–13:00 Diskuze a občerstvení

LOGO! - další moduly přehled



LOGO! CMR 2020/2040
GPS, LTE modem



LOGO! CSM
Switch - 4 porty



LOGO! CIM
Všestranný komunikační
modul - Modbus
RTU/TCP, LTE, RESTfulAPI,
SMS Alarming...

New



LOGO! CMK2000
Gateway pro integraci do KNX



LOGO! Power
24V nebo 12V



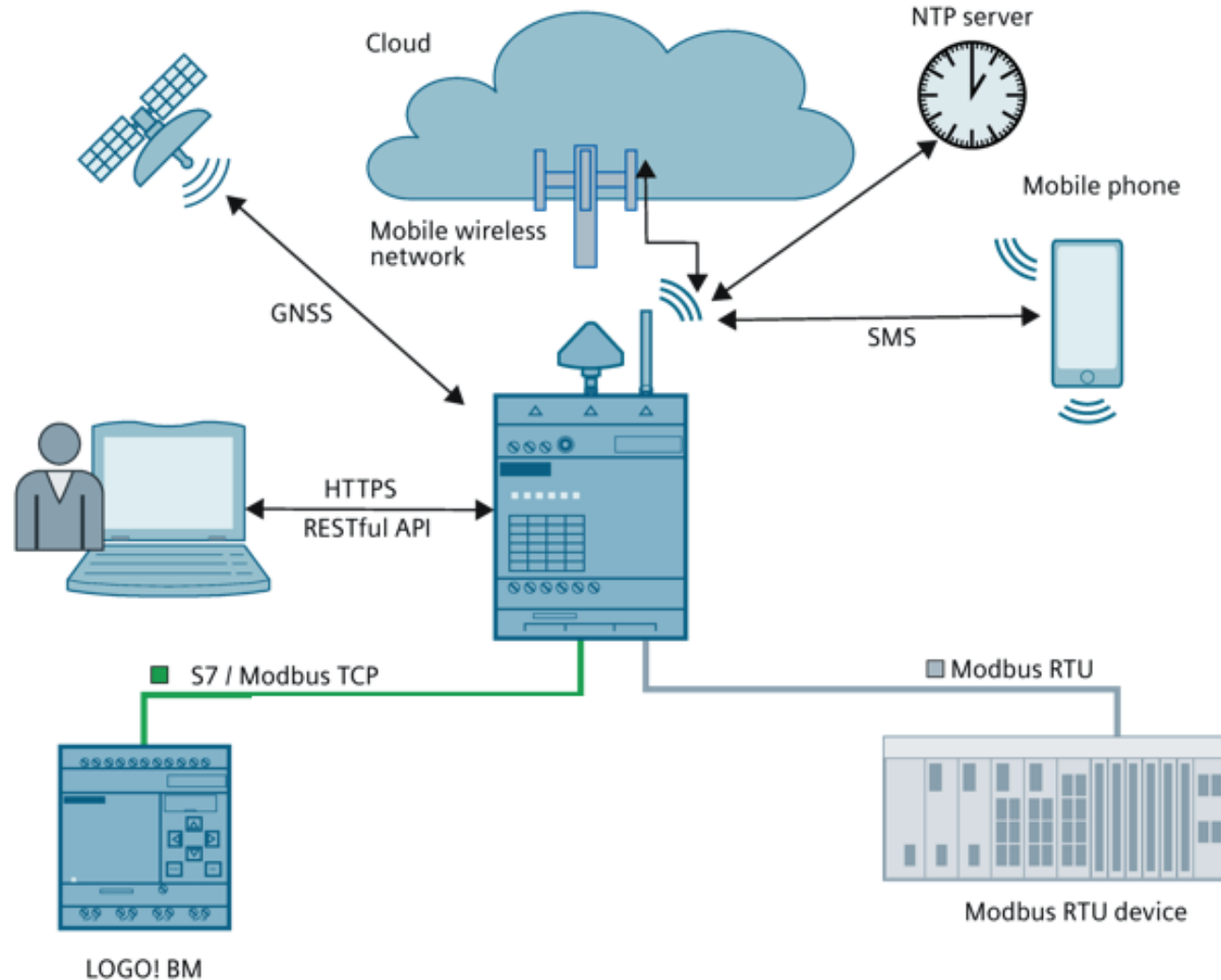
Product No : 6ED1055-5MC08-0BA1
Ordering: → Industry Mall
www.siemens.com/logo

SIEMENS

LOGO! CIM – mnoho funkcí



LOGO! CIM
Communication Interface Module
• Mnoho funkcí zahrnutých v



operation

...ace přes
...er

...ne synchronizace
...API
...oud *
...army *
...uffer (SMS Alarm
...ě napájení) *

*LTE Module PCIe - nutný

LOGO! CIM – LTE funkce doporučený bundle

LOGO! CIM



Communication Interface Module

- 4 Portový switch
- Universal Data Interface (UDI)
- Modbus RTU gateway LOGO!
- RESTfulAPI pro ovládání CIM přes HTTPS příkazy

Controlling the application

LTE/4G čip



Vyberte si správný čip pro Váš region EU/USA..

Aktuálně skladem!

Dodací lhůta cca 4 dny

Cena 50 eur

Antény (LTE/GNSS)



Anténa pro LTE/GNSS

Více možností dle vzdálenosti, síly

Velký výběr

Příslušenství (LTE/GNSS)



Anténa kontakty

Delock Anténní kabel SMA samice

Cena cca 4 eur



LOGO! CIM - PCIe rozšíření pro podporu LTE

LOGO! CIM neobsahuje 4G/LTE čip a anténu!

Pro podporu LTE doporučujeme přikoupit:

Region	Brand	Type
EU	Telit	Telit LE910C1-EU LTE CAT-1 mPCIe
APAC	Telit	Telit LE910C1-AP LTE CAT-1 mPCIe
North America	Telit	Telit LE910C1-NF LTE CAT-1 mPCIe
Europe, North America, Asia, Australia, South America, Africa, APAC	SIMCOM	SIMCom SIM7600G-H R2 mPCIe ***



Source:
https://www.minipc.de/image_db/Simcom_SIM7600SA-H.jpg





Sériové komunikace a Modbus TCP/RTU fungují bez čipu.



LOGO! CIM - antény

LOGO! CIM doporučený hardware k rozšíření:

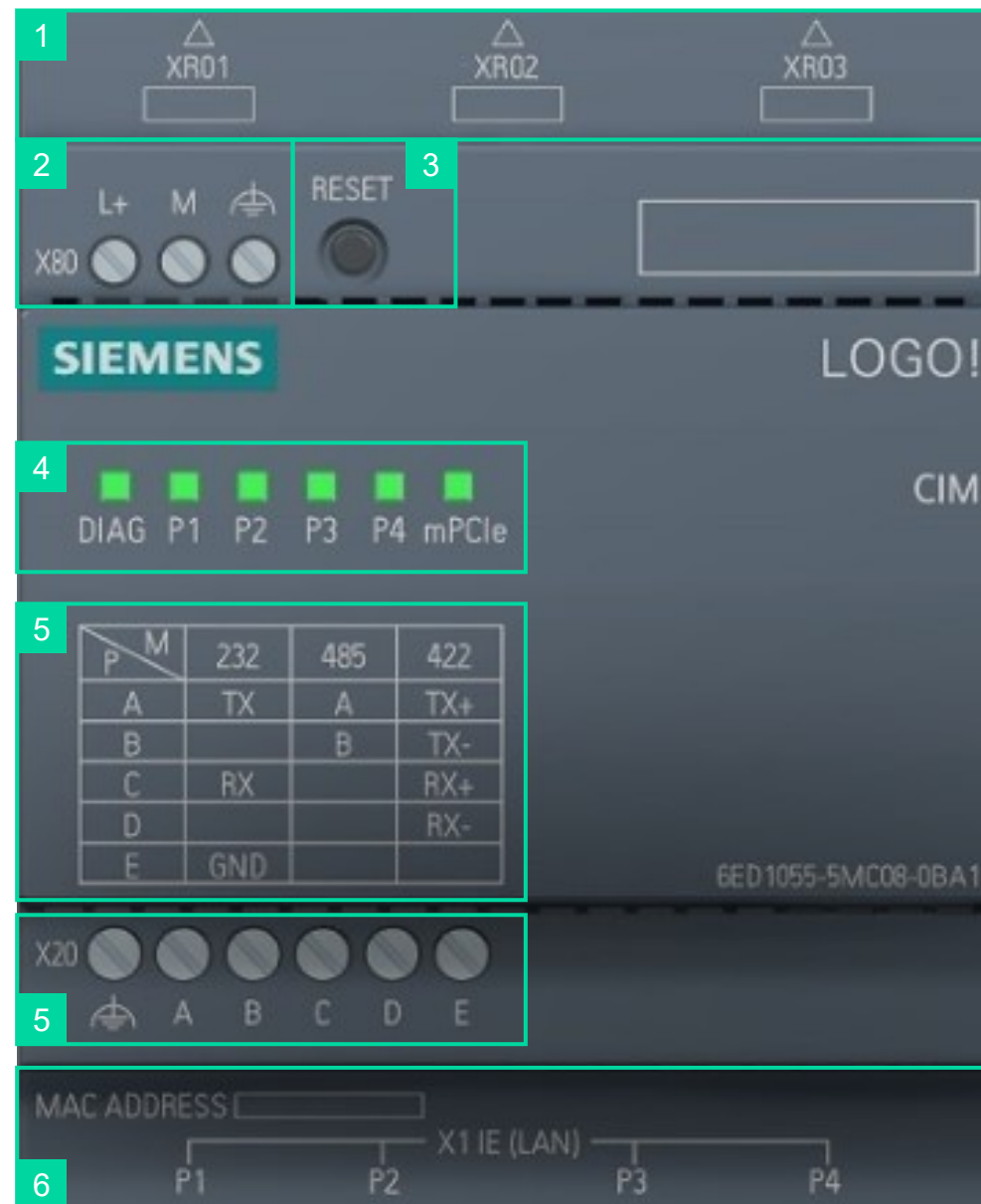
+ anténa a rozšíření:

Název	specifikace	Objednací čísla (MLFB)
anténa extension-cable 	1 metr	6XV1875-5LH10
	2 metry	6XV1875-5LH20
	5 metrů	6XV1875-5LH50
GPS anténa 	ANT895-6ML	6GK5895-6ML00-0AA0
anténa 	ANT896-4ME	6GK5896-4ME00-0AA0
	ANT896- 4MA	6GK5896-4MA00-0AA3
+ příslušenství pro LTE čip: SMA to MHF/U.FL kabel s konektory 3 ks	Ideální délka 7-8cm	Např. DELOCK 88419 

LOGO! CIM – popis HW

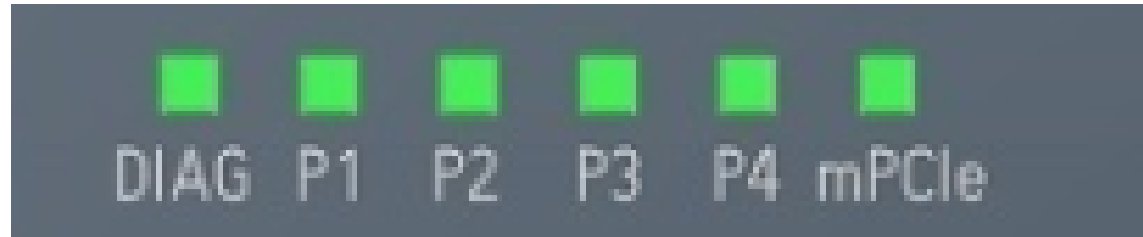
Výchozí IP adresa LOGO! CIM: 192.168.0.80.

- 1 XR001-XR003 pozice pro antényys. 2 pro mobilní síť, GNSS (GPS)
- 2 X80 napájení
- 3 Reset-tlačítkoLOGO! CIM
- 4 LED indikátory
- 5 svorky/popis k připojení komunikací
- 6 X1 IE-LAN 4 LAN-porty q jejich označení



LOGO! CIM – notifikační LED

Každý stav modulu je znázorněn svojí LED a barvou



LED	Status	Meaning
DIAG Systémová diagnostika	On	CIM - RUN Mode
	On	CIM – bootování nebo čekání na FW update
	Blikání	CIM provádí FW update
	On	FW defekt
	Blikání	CIM vypínání
LAN (P1, 2, 3, 4)	Blikání	Port posílá/přijímá data
	On	Port je připojen k ethernetu
	Off	Port není připojen
mPCle Status čipu	Off	Čip není přítomen
	Blikání	Inicializace čipu
	On	Čip připojen instalován
	Blikání	Čip posílá/přijímá data

LOGO! CIM - konfigurace

Web server konfigurace (není třeba konfigurační SW)

- Výchozí IP adresa LOGO! CIM: **192.168.0.80**
- Výchozí heslo: **cim**

Základní informace na první stránce:

- Informace o zařízení
- Nastavení LAN:
IP, maska podsítě
- Datový management
- Protokoly S7, ModbusTCP
and RTU, RESTful API





The image shows two overlapping screenshots of the SIEMENS LOGO! CIM web configuration interface. The top screenshot displays the 'Device Information' page, which includes a language dropdown set to 'English', a 'Welcome to CIM' message, a 'Logout' button, and a navigation menu with 'Device Information' and 'LAN Settings' options. Below the menu, there are three status indicators for X901, X902, and X903, and a 'RESET' button. The main content area shows 'Device Information' with fields for Name (CIM), Version (1.0.0-11.22), MLFB (6ED1055-5MC08-0BA1), Device IP (192.168.0.80), Subnet Mask (255.255.255.0), and MAC Address (8c-f3-19-26-0d-76). The status is 'Plugged In'. A 'Scenarios' section contains a diagram of a network setup. The bottom screenshot shows the 'LAN Settings' page, which has a similar header and navigation menu. The main content area features input fields for 'Device IP' (192.168.0.80) and 'Subnet Mask' (255.255.255.0), with 'Discard Changes' and 'Save Changes' buttons below.

LOGO! CIM – konfigurace

editace telefonních kontaktů

Device Information
LAN Settings
Contacts
Data Management
Variables
Messages
Data Bindings
Protocol Settings
Cellular & GNSS
Security Settings
System Settings
Time Settings

Contacts

#	Name	Phone Number	
1	Helmut privat 13/63	+49 13/19	 
2	Receiver 2	+49123456789	 

[+ Add Row](#)

[Discard Changes](#) [Save Changes](#)

Referenced by Data Bindings or Power On/Off SMS.

LOGO! CIM – konfigurace

úprava proměnných, až 30, různé datové typy

Device Information

LAN Settings

Contacts

▼ Data Management

- Variables
- Messages
- Data Bindings

► Protocol Settings

► Cellular & GNSS

► Security Settings

▼ System Settings

- Time Settings
- Power On/Off SMS
- Change Password
- System Reset

Variables

#	Name	Data Type	Address Type	Address	
1	Q1	Bool (x)	Q	0.0	<input type="checkbox"/> <input type="checkbox"/>
2	Temperatur room 12:	Double-Int (di)	V	100	<input type="checkbox"/> <input type="checkbox"/>
3	Temp r12w 9/30	Double-Int (di)	V	104 3/6	<input checked="" type="checkbox"/> <input type="checkbox"/>
4	Q2	Bool (x)	Q	0.1	<input type="checkbox"/> <input type="checkbox"/>

+ Add Row

Discard Changes Save Changes

LOGO! CIM – konfigurace datový management

- Úprava až 30 proměnných
- Vytvoření 8 zpráv
- Max. 16 událostí
- Jednoduchá a přehledná editace

Celý proces začíná vybráním

proměnné, na základě stavu proměnné

se vytvoří událost v podobě odeslání

SMS o daných znacích

#	Name	Data Type	Address Type	Address	
1	Q1	Bool (x)	Q	0.0	<input type="checkbox"/> <input type="checkbox"/>
2	Temperatur room 12.	Double-Int (d)	V	100	<input type="checkbox"/> <input type="checkbox"/>
3	Temp r12w	Double-Int (d)	V	104	<input type="checkbox"/> <input type="checkbox"/>
4	Q2	Bool (x)	Q	0.1	<input type="checkbox"/> <input type="checkbox"/>

Max. 30

#	Name	Message Text	With Parameter	
1	emp1	100	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2	q2 on	q2 on	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3	q2 off	q2 off	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4	Q1 on	Q1 on	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Max. 8

#	Name	Event Type	Event Configuration	Action Type	Action Configuration	Enabled	
1	q1 wert	Value from 0 to 1	Variable Q1	Send variable	Variable Temperatur room 12. Send To Re...	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2	emp1	Receive mess.	Message q2 on Receive From Re...	Set new value	Variable Q2 To 1	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3	write	Receive mess.	Message q2 off Receive From Re...	Set new value	Variable Q2 To 0	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4	Q1 on	Value from 0 to 1	Variable Q1	Send message	Message Q1 on Send To Re...	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Max. 16

LOGO! CIM – konfigurace nastavení komunikace S7

Nastavení protokolu S7:

1. Aktivovat S7 komunikaci
2. Vybrat statické/dynamické připojení
3. Konfigurace S7-Server nebo S7-client
4. Definování IP adresy a TSAP zařízení
5. S7-client/server konfigurace dat a intervalu

Device Information
LAN Settings
Contacts
Data Management
Protocol Settings
S7
Modbus TCP
Modbus RTU
RESTful API
Cellular & GNSS
Security Settings
System Settings

S7

S7 Connection: ⚠ S7 connection is not secure, the local server port and remote server port are both 102

Static Server&Client Connections: 1
Available Dynamic Server Connections: 3
Dynamic Server Connection:

Connection Status

#	Connection Type	Remote IP	Remote TSAP	Local TSAP	Connection Status
1	Static Client	192.168.0.79	20.00	20.00	🟢

S7 Server

Static Server Connections:

#	Remote IP	Remote TSAP	Local TSAP
+ Add Row			

S7 Client

Static Client Connections:

#	Remote IP	Remote TSAP	Local TSAP	
1	192.168.0.79	20.00	20.00	← OK ✖
+ Add Row				

[🗑 Discard Changes](#) [💾 Save Changes](#)

Multi-Protocol: S7 > Data Transfer Table [x]

Data Transfer Table Connection #1 Remote Server IP: 192.168.0.79

#	LQM Start Address	Direction	S7 Start Address	Length	
1	VD	←	VD	1	OK ✖
2	QB	→	QB	1	OK ✖
+ Add Row					

Customized Interval

Customized Interval:

Hours: Minutes: Seconds: Milliseconds:

[🗑 Discard Changes](#) [💾 Save Changes](#)

LOGO! CIM – konfigurace nastavení komunikace MODBUS TCP

Nastavení protokolu MODBUS TCP:

1. Aktivovat MODBUS TCP komunikaci
2. Vybrat statické/dynamické připojení
3. Konfigurace MODBUS TCP-Server
nebo MODBUS TCP-client
4. Definování IP adresy a portu zařízení
5. MODBUS TCP-client/server
konfigurace dat a intervalu

Logout

Modbus TCP

Modbus TCP Connection:

Modbus TCP connection is not secure, the local server port and remote server port are both 502

Static Server&Client Connections: 2
Available Dynamic Server Connections: 0
Dynamic Server Connection:

Connection Status

#	Connection Type	Remote IP	Connection Status
1	Static Client	192.168.0.71	●
2	Static Server	192.168.0.70	●

Modbus TCP Server

Static Server Connections:

#	Remote Client IP
1	192.168.0.70

+ Add Row

Modbus TCP Client

Static Client Connections:

#	Remote Server IP
1	192.168.0.71

+ Add Row

Multi-Protocol: Modbus TCP > Data Transfer Table

#	UCM Start Address	Direction	Modbus Start Address	Length	Unit ID
1	100	←	100	2	1

+ Add Row

Customized Interval

Customized Interval:

Hours: 0 Minutes: 1 Seconds: 0 Milliseconds: 50

Discard Changes Save Changes

LOGO! CIM – konfigurace nastavení komunikace MODBUS RTU

Nastavení ModbusRTU:

- Aktivace komunikace
- Vybrání modu, přenosové rychlosti a dalších věcí (start bit,..)
- konfigurace ModbusRTU Master nebo Slave
- specifikace ModbusRTU datový přenos and časový interval

SIEMENS CIM

Deutsch

Willkommen beim CIM
Abmeldung

Geräteinformation
LAN-Einstellungen
Kontakte
Datenmanagement
Variablen
Meldungen
Datenbindungen
Protokolleinstellungen
S7
Modbus TCP
Modbus RTU
REST/API
Funk und GNSS
Sicherheitseinstellungen
Systemeinstellungen

Modbus RTU

Modbus RTU-Verbindung: Modbus RTU-Verbindung ist nicht sicher

Einstellungen des seriellen Ports

Modus: RS422
Baudrate: 4800
Übertragung: 1 Bit Start, 8 Bits Daten, Keine Prüfung, 1 Bit Stopp
Abschlusswiderstand:

Modbus RTU Typ

Master Slave Info Modbus-Adressraum

Modbus RTU Master: [Datenübertragungstabelle öffnen](#)

Multi-Protokoll: Modbus RTU > Datenübertragungstabelle [x]

Datenübertragungstabelle

#	UDM-Anfangsadresse	Richtung	Modbus-Anfangsadresse	Länge	Geräte-ID
1	VW → 200	←	HR → 37H	2	1
2	IB → 50	←	COB → 1	1	1
3	IB → 50	←	COB → 1	1	1

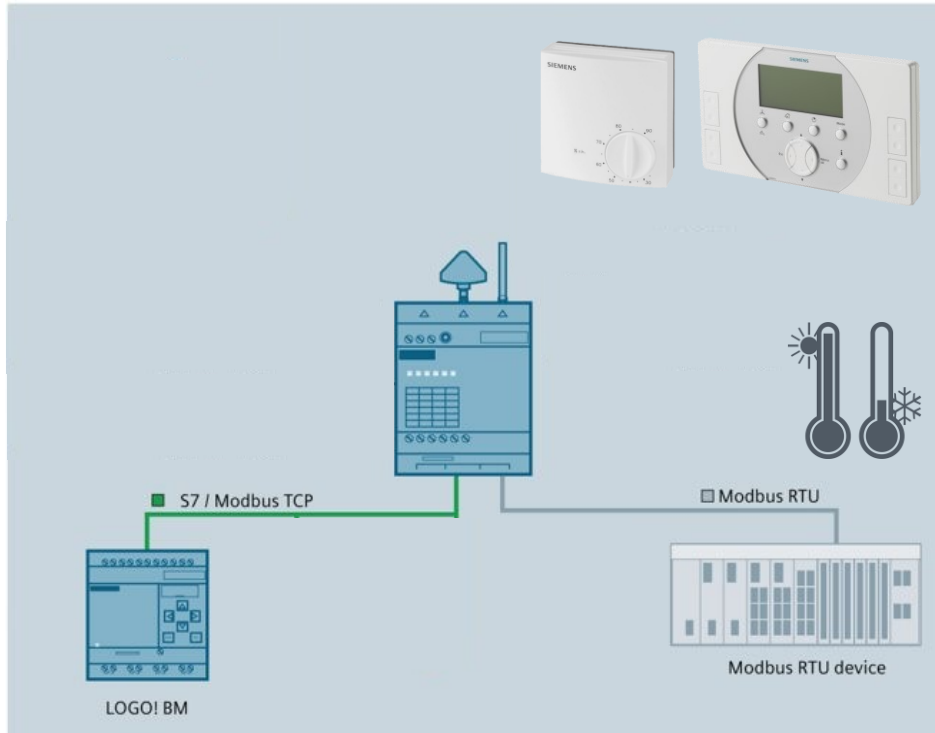
Benutzerdefiniertes Intervall

Benutzerdefiniertes Intervall:

Stunden: Minuten: Sekunden: Millisekunden:

LOGO! CIM - aplikace

S7 & Modbus TCP/RTU komunikace



Funkcionality

- Modbus TCP
- Modbus RTU

>

Benefity

- Výměna dat se Siemens zařízeními
- Komunikace s zařízeními 3. stran

Aplikace

Domovní automatizace

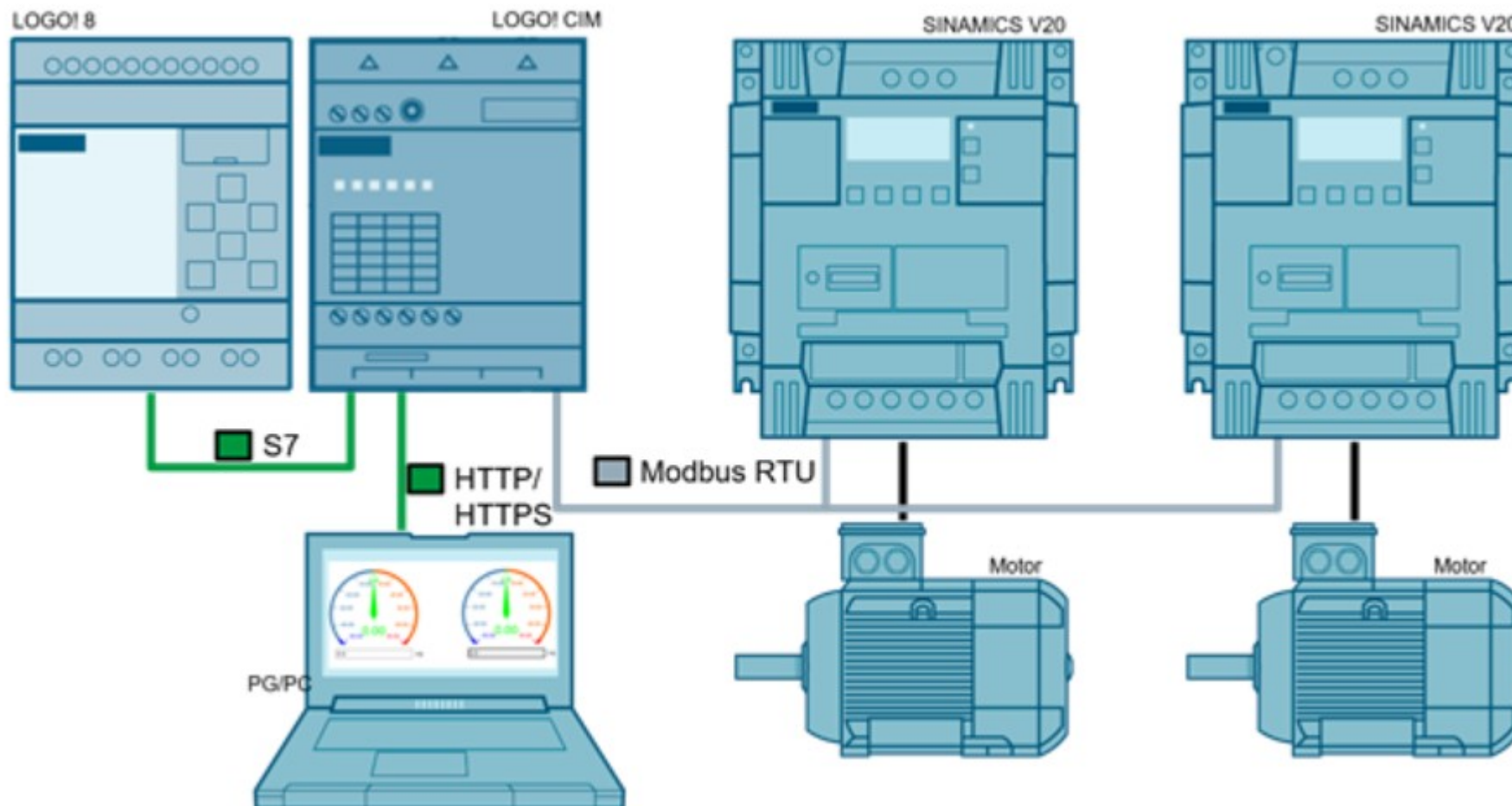
Komunikace se senzory a aktory, čtení dat z domovních jednotek, komunikace s jinými zařízeními

Průmysl



LOGO! CIM - aplikace

Modbus RTU komunikace



<https://support.industry.siemens.com/cs/document/109806055/logo!-cim-modbus-rtu-communication-with-sinamics-v20?dti=0&lc=en-WW>

LOGO! CIM – konfigurace RESTful API

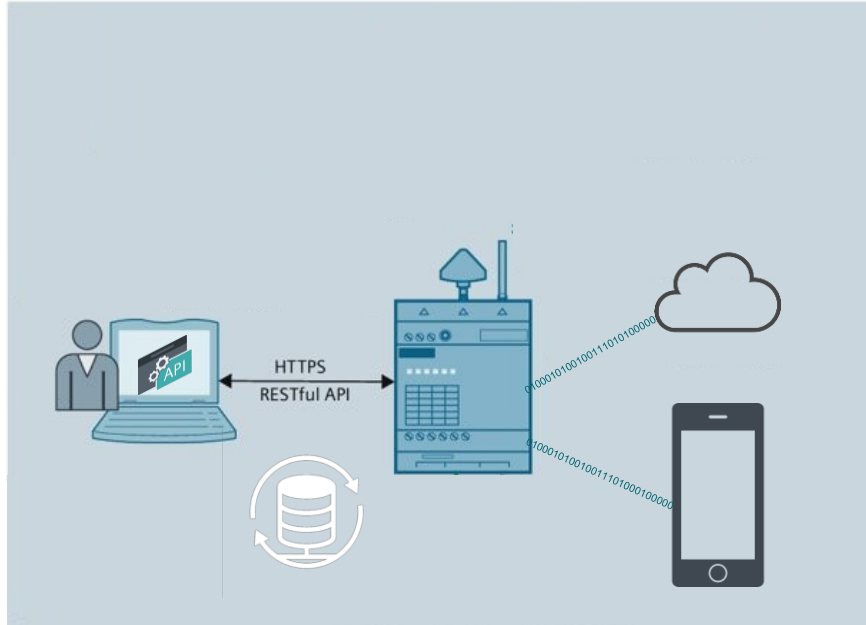
Aktivovat RESTful API prostředí

- Rest interface je hojně využívané prostředí pro propojení 2 různých zařízení v HTML jazyku
- Umožňuje přenos hodnot z a do LOGO! CIM s jednoduchými příkazy v internetovém vyhledávači
- RESTful API příkaz zadáváte jako URL adresu do vyhledávače viz níže
- Například:
`https://192.168.0.80/pi/rest/qx0.0`

The image shows the SIEMENS LOGO! CIM configuration interface for the RESTful API. The interface is in English and has a sidebar menu with options like Device Information, LAN Settings, Contacts, Data Management, Protocol Settings (S7, Modbus TCP, Modbus RTU, RESTful API), Cellular & GNSS, Security Settings, and System Settings. The RESTful API section is active, showing a toggle switch for 'RESTful API' which is turned on. Below the toggle, there is a text box explaining that the CIM RESTful API allows users to read and set CIM data through a URI. It lists the 'Http 'get' method for read data' and 'Http 'put' method for write data'. The path is shown as 'host/pi/rest'. Sample commands are provided: '[get method] https://192.168.0.80/pi/rest/x5.3 -- read a bit at 5.3 in range I' and '[put method] https://192.168.0.80/pi/rest/x5.3 -- write a bit at 5.3 in range I'. At the bottom of the configuration page, there are 'Discard Changes' and 'Save Changes' buttons. An inset image shows a browser window with the address bar containing the URL 'https://192.168.0.80/pi/rest/qx0.1'. The browser tabs include 'Hello', 'LOGO!12/24RCE, &', and 'LOGO! TD'. The browser's taskbar shows 'Apps', 'LOGO! synch', 'IoT Test AWS', and 'Google Übersetzer'. A large number '1' is overlaid on the bottom right of the browser window inset.

LOGO! CIM - aplikace

RESTful API s put a get příkazy



Features

- RESTful API skrze HTTPS komunikaci

Benefits

- Get nebo put data pro ovládání LOGO! CIM
- Nastavení modulu v průběhu aplikace bez fyzického připojení

Applications

HVAC

Vytápění, chlazení

Domovní automatizace

Ovládání domovních procesů



LOGO! CIM – konfigurace přehled komunikací a certifikátů

SIEMENS

English

Welcome to CIM
Logout

Device Information
LAN Settings
Contacts
Data Management
Protocol Settings
S7
Modbus TCP
Modbus RTU
RESTful API
Cellular & GNSS
Security Settings
Protocols
Certificates
System Settings

Communication Protocol Management

S7: S7 connection is not secure, the local server port and remote server port are both 102.

Modbus TCP: Modbus TCP connection is not secure, the local server port and remote server port are both 502.

Modbus RTU: Modbus RTU connection is not secure.

NTP: NTP connection is not secure.

RESTful API:

HTTPS:

SIEMENS

English

Welcome to CIM
Logout

Device Information
LAN Settings
Contacts
Data Management
Protocol Settings
S7
Modbus TCP
Modbus RTU
RESTful API
Cellular & GNSS
Security Settings
Protocols
Certificates
System Settings

Current Certificate Policy

LOGO! Build-In Certificate

- CIM Internal Certificate
- External Certificate

LOGO! Build-In Certificate:

- This policy provides user a default trust area by LOGO! Root CA(trust root).
- The built-in cert chain is created when production.
- If LOGO! Root CA is pre-installed on PC, user can access LOGO! CIM without security alert by default.

LOGO! Build-In Certificate Information

Certificates	Issued By	Issued To	Valid	Actions
LOGO Root CA	LOGO Root CA V1.0	LOGO Root CA V1.0	6/4/2020 – 7/12/2070	Download
LOGO Product CA	LOGO Root CA V1.0	LOGO Product CA V1.0	6/4/2020 – 6/22/2070	
CIM CA	LOGO Product CA V1.0	CIM Default Product	6/4/2020 – 6/22/2070	
Device Cert	CIM Default Product	192.168.0.80	5/11/2021 – 5/11/2022	

LOGO! CIM – připojení internetu pro LOGO! cloud AWS

LOGO! settings

Offline settings | Online settings

General

- Hardware type
- I/O settings
- I/O names
- Program password
- Power on
- Message text
- Additional info
- Statistics
- Comment
- Modbus address space

Name settings

Device name:

Program Name:

IP settings

IP Address:



Subnet Mask:

Default gateway:

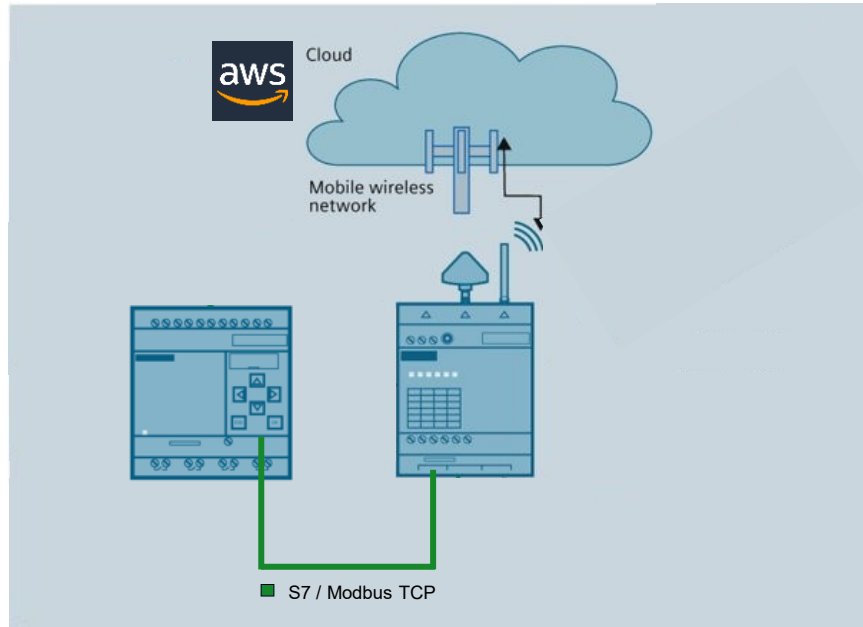
Customize DNS Server

DNS Server Address:

Ethernet connections

- Allow S7 access  Enabling the S7 access will open the unsecure port 102.
- Allow Modbus access  Enabling the Modbus access will open the unsecure port

LOGO! CIM - aplikace cloudový přístup



Funkcionalita

- LTE-Internetový přístup pro LOGO! 8.3

>

Benefity

- Monitoring, vizualizace, ukládání dat

Aplikace

Prediktivní údržba

Sběr dat o motoru, vizualizace na AWS dashboard, notifikace SMS/mail

Zemědělství

Ovládání farmy s kuřaty, počítání a využití AWS dashboardu



LOGO! CIM – konfigurace nastavení času

The screenshot shows the 'Time Settings' page in the SIEMENS LOGO! CIM web interface. The page is divided into three main sections: 'Time Settings', 'Sync Time', and 'Summer/Winter Time'. A left sidebar contains navigation options like 'Device Information', 'LAN Settings', and 'System Settings'. The 'Time Settings' section displays the current time (2021-08-28 03:54:05) and time zone (UTC-01:00 Amsterdam, Berlin, Beem, Rome). It includes toggle switches for 'Enable NTP Server' and 'Map Time to UDM', both of which are turned on. A warning message indicates 'NTP connection is not secure'. The 'Sync Time' section shows the last sync time (2021-08-28 00:57:05), sync source (Network), and sync server (e.g. de.pool.ntp.org or 10.0.0.0), with a 'Sync Now' button and a similar security warning. The 'Summer/Winter Time' section has an 'Enable' toggle (turned on), an area set to 'European Union(EU1)', start and end dates (Last Sunday of March at 02:00 and Last Sunday of October at 03:00), and a time difference of 60 minutes. At the bottom, there are 'Discard Changes' and 'Save Changes' buttons.

SIEMENS CIM

English

Welcome to CIM
Logout

Device Information
LAN Settings
Contacts
Data Management
Protocol Settings
S7
Modbus TCP
Modbus RTU
RESTful API
Cellular & GNSS
Security Settings
Protocols
Certificates
System Settings
Time Settings
Power On/Off SMS
Change Password
System Reset
System Configuration Ma...
System Upgrade

Time Settings

Current Time: 2021-08-28 03:54:05 [Time Address Space Info](#)

Time Zone: [UTC-01:00] Amsterdam, Berlin, Beem, Rome

Enable NTP Server:

Map Time to UDM:

NTP connection is not secure.

Sync Time

Last Sync Time: 2021-08-28 00:57:05

Sync Source: [Network]

Sync Server: e.g. de.pool.ntp.org or 10.0.0.0

NTP connection is not secure.

Summer/Winter Time

Enable:

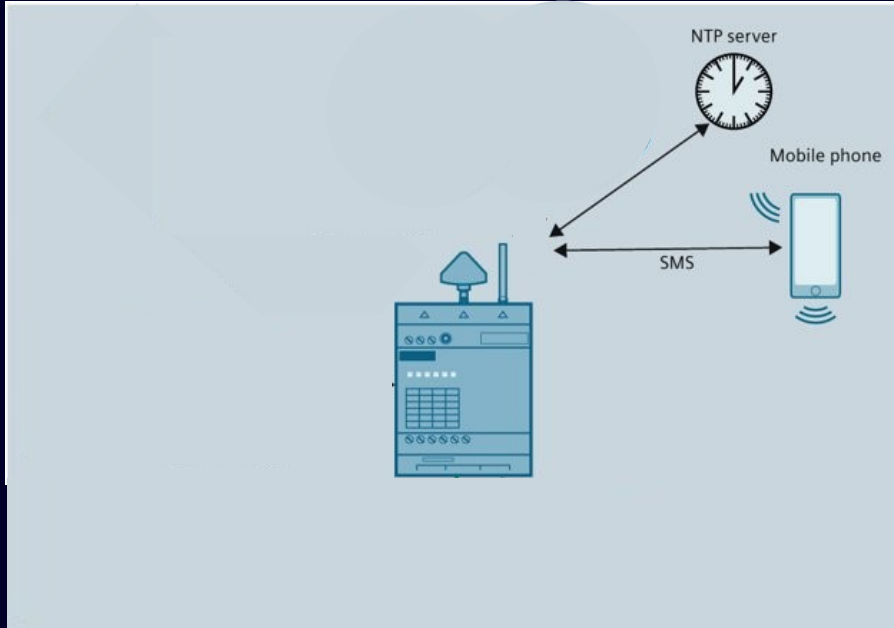
Area: [European Union(EU1)]

Start: Last Sunday of March 02:00

End: Last Sunday of October 03:00

Time difference: 60 minute(s)

LOGO! CIM - aplikace NTP Server/ Client



Funkcionalita

- NTP Server via internet
- Příjem/poslání SMS *

Benefity

- Synchronizace času via NTP Server z internetu *
- Low-cost řešení pro vzdálené nastavení času dalších komponent

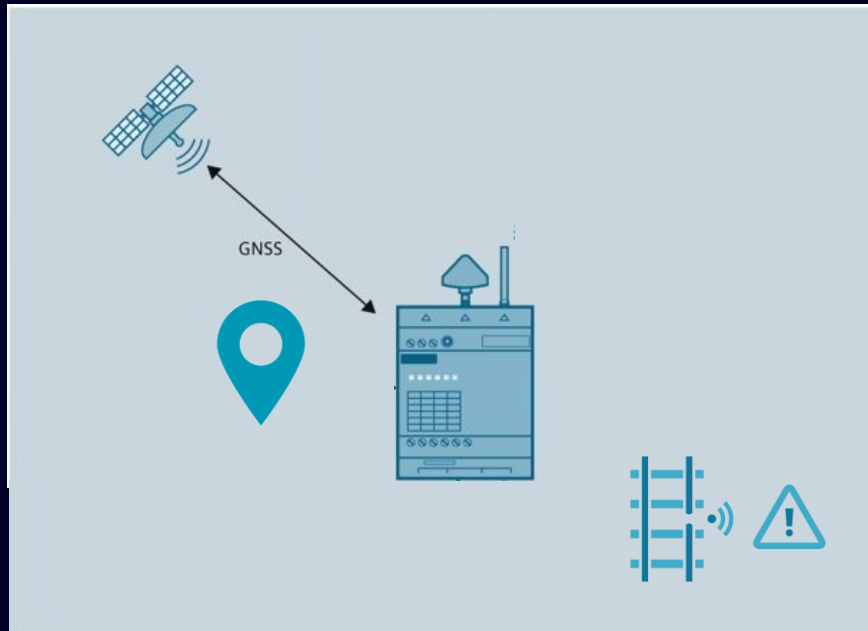
Applications

Vodárenství

Vzdálené sledování hladin v nádržích



LOGO! CIM - aplikace GNSS poloha



Funkcionalita

- GNSS komunikace *

Benefity

- Přesná lokace skrze GNSS
- Sledování polohy

Aplikace

Logistika

Sledování přesné polohy vozíků ve skladu



LOGO! CIM – konfigurace SMS při výpadku napájení

nastavení

- Power on/off SMS
 - Pokud spadne napájení, LOGO! CIM je schopná odeslat ještě SMS daným příjemcům

The screenshot shows the SIEMENS CIM configuration interface. The top bar includes the SIEMENS logo and the text 'CIM'. Below the bar, there is a navigation menu on the left with options like 'Device Information', 'LAN Settings', 'Contacts', 'Data Management', 'Protocol Settings', 'Cellular & GNSS', 'Security Settings', and 'System Settings'. The main content area is titled 'Power On' and 'Power Off'. Under 'Power On', there is a toggle switch for 'Power On SMS' which is turned on. Below it is a text input field for 'SMS Content' containing 'Power EIN' and a character count of '151 character(s) available'. A dropdown menu for 'Receiver' is set to 'Receiver 2' with the phone number '+49123456789'. The 'Power Off' section has a similar layout with 'Power Off SMS' turned on, 'SMS Content' set to 'Power AUS', and the same receiver and phone number. At the bottom, there are two buttons: 'Discard Changes' and 'Save Changes'.

LOGO! CIM – konfigurace

změna hesla možná

SIEMENS

English

Welcome to CIM
Logout

Device Information
LAN Settings
Contacts
Data Management
Protocol Settings
S7
Modbus TCP
Modbus RTU
RESTful API
Cellular & GNSS
Security Settings
Protocols
Certificates
System Settings
Time Settings
Power On/Off SMS
Change Password
System Reset
System Configuration Ma...
System Upgrade

Change Password

Current Password Password Cannot Be Empty

New Password Password Cannot Be Empty

Confirm New Password Password Cannot Be Empty

Change Password

LOGO! CIM – konfigurace

factory reset přes web server nebo přes HW tlačítko reset

The screenshot displays the SIEMENS LOGO! CIM web interface. At the top left, the 'SIEMENS' logo is visible. Below it, a navigation menu is shown with the following items: 'English' (language selector), 'Welcome to CIM', 'Logout', 'Device Information', 'LAN Settings', 'Contacts', 'Data Management', 'Protocol Settings' (expanded), 'S7', 'Modbus TCP', 'Modbus RTU', 'RESTful API', 'Cellular & GNSS', 'Security Settings' (expanded), 'Protocols', 'Certificates', 'System Settings' (expanded), 'Time Settings', 'Power On/Off SMS', 'Change Password', 'System Reset' (highlighted in blue), 'System Configuration Ma...', and 'System Upgrade'. The main content area is divided into two sections: 'Device Restart' and 'Factory Reset'. Each section contains a single blue button with the corresponding text: 'Device Restart' and 'Factory Reset'.

LOGO! CIM – konfigurace

system upgrade – nový fw

The screenshot shows the SIEMENS CIM web interface for system upgrade. The top navigation bar includes the SIEMENS logo and the text 'CIM'. A dropdown menu is open, showing 'English', 'Welcome to CIM', and 'Logout'. The left sidebar contains a navigation menu with categories like 'Device Information', 'LAN Settings', 'Contacts', 'Data Management', 'Protocol Settings', 'Cellular & GNSS', 'Security Settings', and 'System Settings'. The 'System Upgrade' option is highlighted in blue. The main content area is titled 'System Upgrade' and displays the current 'Firmware Version: 1.0.0-11.22' and 'Boot Version: 1.0.0-11.10'. A blue 'Upgrade System' button is centered below the version information. To the right, a 'Warnings' box contains two instructions: 1. Upgrade firmware will not change any configuration, however it is recommended to backup config data through the path System setting -> System Configuration Management before upgrading. 2. In the upgrade environment, other functions of the system will be stopped, such as network communication, data bindings and so on.

LOGO! CIM – konfigurace

pro LTE komunikaci nutno rozdělat kryt

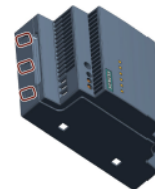
Krok za krokem (videotutoriál k dispozici)

- Otevřít kryt
- Vložit čip
- Připevnit konektory k čipu
- Vložit SIM kartu
- Namontovat antény
- Uzavřít kryt a zapnout napájení

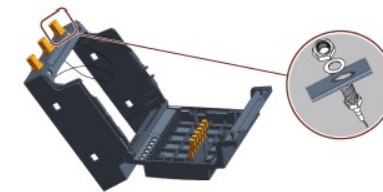
1



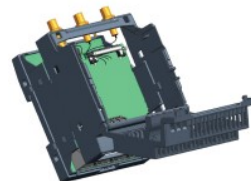
2



3



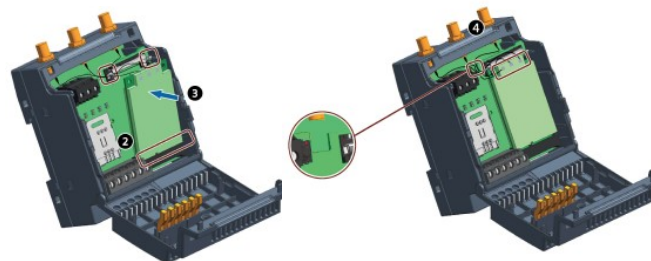
4



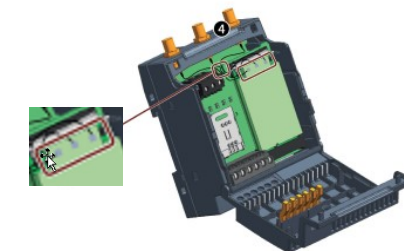
5



6



7



LOGO! CIM – konfigurace

Statusové informace o signálu

The screenshot displays the SIEMENS LOGO! CIM web interface. At the top left, the SIEMENS logo is visible. Below it, there is a language dropdown menu set to 'English'. A navigation menu on the left includes options like 'Welcome to CIM', 'Logout', 'Device Information', 'LAN Settings', 'Contacts', 'Data Management', 'Protocol Settings', 'Cellular & GNSS', 'Security Settings', and 'System Settings'. The 'Cellular & GNSS' section is expanded, showing 'Cellular Status' as the selected option. The main content area is titled 'Cellular Status' and contains the following information:

- SIM Card: Plugged In
- SIM Status: SIM Card Is Ready
- Provider: vodafone.de(4G)
- SIM Phone Number: (Need Provider Support)
- Signal Strength:
- Cellular Data: Enabled
- Network Register Status: Registered, home network
- IPv4: 100.112.61.19

Below this information, the following details are shown:

- Cellular Module: LE910C1-EU
- Cellular Module Revision: 25.20.223
- IMEI: 355001096529879

At the bottom, there is a 'Restart Cellular Module' section with a button labeled 'Restart Cellular Module'.

I Děkuji za pozornost

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