



Konfiguracija TRIKDIS G16 komunikatora



Sadržaj ovog dokumenta je namijenjen klijentima Kamir d.o.o. te nije dozvoljena distribucija materijala trećim osobama bez odobrenja djelatnika Kamira.



Sadržaj

Uvod	4
Spajanje Trikdis komunikatora	5
Konfiguracija Trikdis komunikatora.....	6
Protegeus aplikacija.....	10
Programiranje dojava na Enigma CDS.....	14



Uvod

U ovim uputama objašnjavamo kako isprogramirati TRIKDIS G16 komunikator. Koristiti ćemo Paradox EVO192 centralu.

TRIKDIS G16 je univerzalni GSM/GPRS komunikator kojeg možemo povezati na Paradox alarmnu centrale te pomoću Protegus aplikacije imati potpuni nadzor nad alarmnog centralom.

Komunikator na sebi sadrži dva outputa i jedan input te jedan COM pomoću kojih možemo upravljati dodatnim uređajima.

Sa centralom ga povezujemo na serial port od same centrale te nam je potreban kabel COMCBL za komunikaciju.

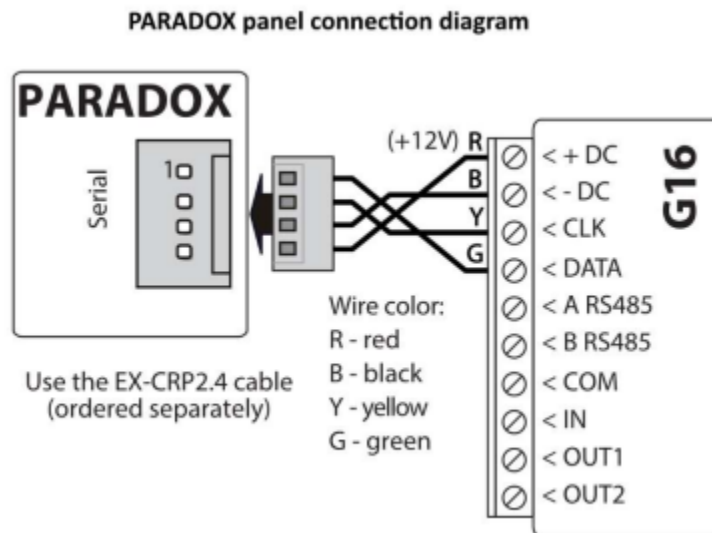
Za samo programiranje TRIKDIS komunikatora potreban Vam je software **TRIKDIS Config** kojeg možete pronaći na ovom [linku](#) te kabel USB 2.0 A/Mini USB B.

Spajanje Trikdis komunikatora

Kao što smo naveli, za povezivanje centrale i komunikatora koristite COMCBL kabel.

COMCBL možete pronaći na sljedećem [linku](#).

Komunikator i centralu povezuje na sljedeći način:





Konfiguracija Trikdís komunikatora

Da bi povezali komunikator sa računalom u svrhu programiranja nije potrebno povezati komunikator sa centralom. Komunikator će napajanje dobiti sa USB izlaza sa računala.

Nakon što ste instalirali Trikdís Config software te povezali komunikator sa računalom pokrećete software:

The screenshot displays the Trikdís Config software interface. On the left is a sidebar menu with the following items: System settings (selected), CMS reporting, User reporting, SIM card, RS485 modules, Event summary, and Firmware. Below the menu are three checkboxes: 'Remember password' (unchecked), 'Default settings' (checked), and a 'Restore' button. At the bottom left, there is a label 'IMEI/Unique ID:' followed by a blank input field. The main area is divided into three panels: 'General', 'Access', and 'System settings' (partially visible on the left). The 'General' panel contains: 'Object ID' (text input: 1111), 'Security panel model' (dropdown: 1. DISABLED), 'Remote Arm/Disarm' (checkbox: unchecked), 'Input IN type' (dropdown: NO), 'Output OUT1 & OUT2 mode' (dropdown: Disable), and 'Time synchronization' (dropdown: PROTEGUS Cloud). The 'Access' panel contains: 'Administrator code' (password input: 6 dots), 'Installer code' (password input: 6 dots), 'Only an administrator can restore' (checkbox: checked), 'Allow installer to change' (checkbox: checked), 'Account number' (checkbox: checked), 'CMS reporting' (checkbox: checked), 'User reporting' (checkbox: checked), 'SIM card' (checkbox: checked), and 'Event summary' (checkbox: checked).

Otvora se prazan prozor. Da bi se software povezao sa vašim komunikatorom dovoljno je stisnuti Read ili F4 na tipkovnici.

Ukoliko ste uspješno spojili komunikator sa računalom software čita tvorničke postavke komunikatora. Pod **Object ID** upisujete account kojeg ste upisali u centralu. Pod **Security panel model** birate koju centralu vi imate. **Remote Arm/Disarm** vam omogućava da upravljate centralom putem aplikacije.

Birate i način upravljanja izlazima te ulazom:



System settings	General	Access
CMS reporting	Object ID: 1111	Administrator code:
User reporting	Security panel model: 1. DISABLED	Installer code:
SIM card	Remote Arm/Disarm: <input type="checkbox"/>	Only an administrator can restore: <input checked="" type="checkbox"/>
RS485 modules	Input IN type: NO	Allow installer to change: <input type="checkbox"/>
Event summary	Output OUT1 & OUT2 mode: Disable	Account number: <input checked="" type="checkbox"/>
Firmware	Time synchronization: PROTEGUS Cloud	CMS reporting: <input checked="" type="checkbox"/>
		User reporting: <input checked="" type="checkbox"/>
		SIM card: <input checked="" type="checkbox"/>
		Event summary: <input checked="" type="checkbox"/>
Remember password: <input type="checkbox"/>		

Da bi omogućili Protegus aplikaciju, pod **User reporting** kliknete na prazno polje pored **Enable connection**. Access code je 123456 (moguće ga je promijeniti):

System settings	PROTEGUS Cloud
CMS reporting	PROTEGUS Cloud
User reporting	Enable connection: <input checked="" type="checkbox"/>
Ethernet settings	PROTEGUS Cloud access Code:
IN/OUT	
RS485 modules	
Event summary	
Firmware	

Pod SIM card upisujete pin kartice ako postoji (preporuka je onemogućiti PIN na SIM kartici) te APN providera. Kod većine SIM kartica je dovoljno da upišete samo APN, bez logina I passworda:



SIM card

SIM card PIN

APN

Login

Password

Forbid connection when roaming detected

Dojavu sa G16 komunikatora možete ostvariti i putem SMS te poziva sa komunikatora:

System settings

CMS reporting

User reporting

SIM card

RS485 modules

Event summary

Firmware

PROTEGUS Cloud

SMS & Call Reporting

Control by SMS

Object name

SMS language

No.	Tel numbers for SMS/Call reporting
1	+
2	+
3	+
4	+
Others	

No.	Area name
01	Area 1
02	Area 2
Others	AREA

No.	User name
001	User 1
002	User 2
Others	USER

No.	Zone name
001	Zone 1
002	Zone 2
Others	ZONE

Upišete telefonski broj za kojeg želite da prima pozive i SMS-ove. Bitno je napomenuti da će pri pozivu biti tišina sa druge strane linije, te da nećete imati zvučne signale.

Također je moguća kontrola komunikatorom putem SMS poruka:

PROTEGUS Cloud

SMS & Call Reporting

Control by SMS

Answer	SMS Text
Command done	Command OK
Wrong password	Wrong Access Code
Wrong command	Wrong Command
Wrong data	Wrong Data

No.	Phone number
Tel 1	+
Tel 2	+
Tel 3	+
Tel 4	+

Najvažnije naredbe :



Command	Data	Description
<i>INFO</i>		Request information about the device. Response will be: communicator type, IMEI number, serial number and firmware version. E.g.: 123456 INFO
<i>RESET</i>		Restart the device. E.g.: 123456 RESET
<i>OUTPUTx</i>	<i>ON</i>	Turn on an output. x is the output number (1 or 2). E.g.: 123456 OUTPUT1 ON
	<i>OFF</i>	Turn off an output. x is the output number (1 or 2). E.g.: 123456 OUTPUT1 OFF
	<i>PULSE=tttt</i>	Turn on the output in impulse mode, for the specified time interval (sec). "tttt" is the time duration of impulse in seconds, described in four digits. E.g.: 123456 OUTPUT2 PULSE=0002
<i>CONNECT</i>	<i>Protequs=ON</i>	Enable access to Protequs service. E.g.: 123456 CONNECT PROTEGUS=ON
	<i>Protequs=OFF</i>	Disable access to Protequs service. E.g.: 123456 CONNECT PROTEGUS=OFF
	<i>IP=0.0.0.0:8000</i>	Set primary channel IP address and Port number. E.g.: 123456 CONNECT IP=192.120.120.255:8000
	<i>ENC=123456</i>	Set TRK encryption key. E.g.: 123456 CONNECT ENC=123456
	<i>APN=Internet</i>	Set APN name. E.g.: 123456 CONNECT APN=INTERNET

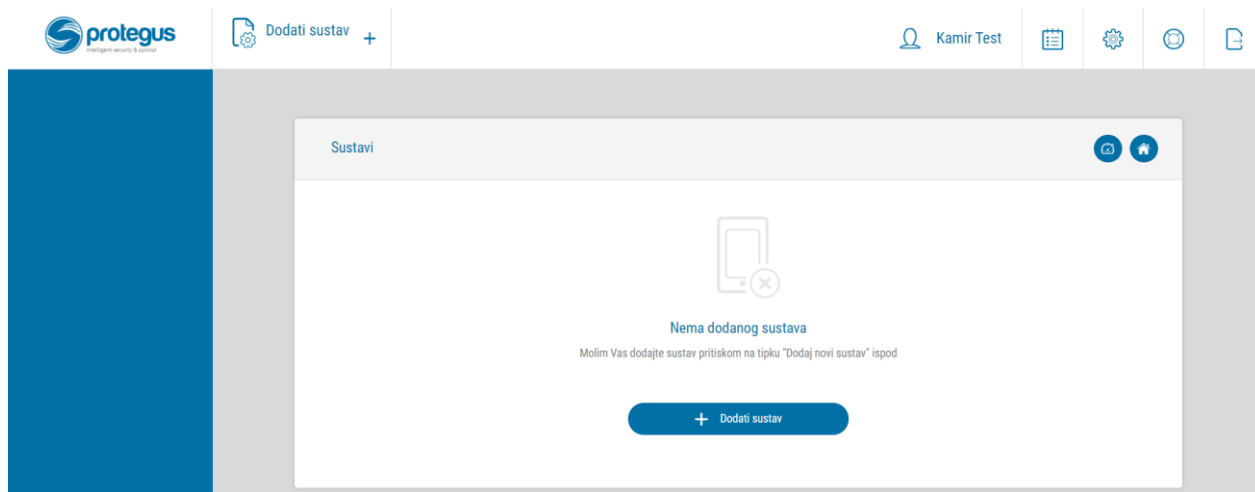
Command	Data	Description
	<i>USER=user</i>	Set APN user. E.g.: 123456 CONNECT USER=User
	<i>PASS=password</i>	Set APN password. E.g.: 123456 CONNECT PASS=Password
	<i>CP=</i>	Select security control panel from a list. E.g. (assign control panel Paradox SP6000 that is number 4 on the list to the G16): 123456 CONNECT CP=4
	<i>DIR=</i>	Direct control 4-digit password or OFF to disable it. E.g. (enter the direct control 4-digit password 1122): 123456 CONNECT DIR=1122

Protegeus aplikacija

Protegeus aplikaciji možete pristupiti preko mobilne aplikacije i preko web browsera.

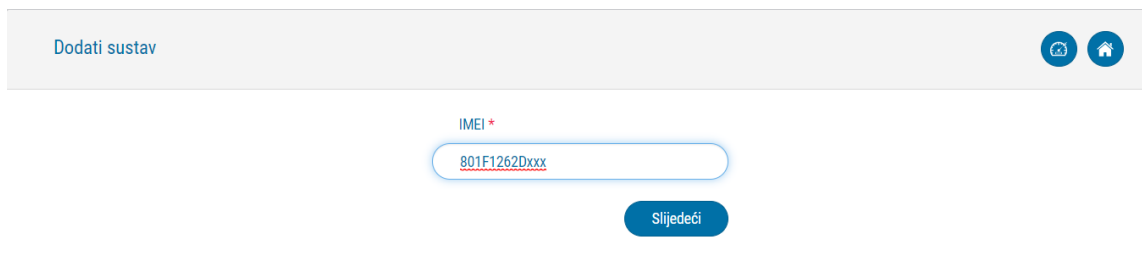
Klikom na [link](#) započinjete sa registracijom na Protegeus.

Nakon što ste se uspješno registrirali i potvrdili aktivacijski link kojeg ste dobili na e-mail dolazite do početnog ekrana:





Važno je napomenuti da u ovom trenutku možete komunikator odspojiti sa računala te ga spojiti na alarmnu centralu.

Da bi dodali svoj komunikator, klikom na **Dodati sustav** otvarate prozor u kojeg upisujete IMEI uređaja (nalazi se na poleđini komunikatora):





Sljedeće upisujete osnovne podatke sustava:

Dodati sustav  

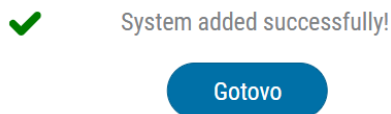
All fields can be changed any time later at system settings.

Name

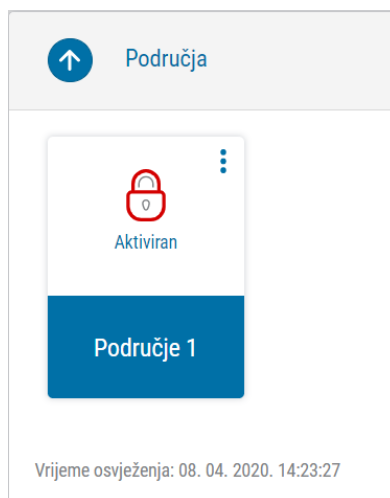
Adresa

Vremenska zona

Klikom na **Sljedeći** završavate dodavanje uređaja:

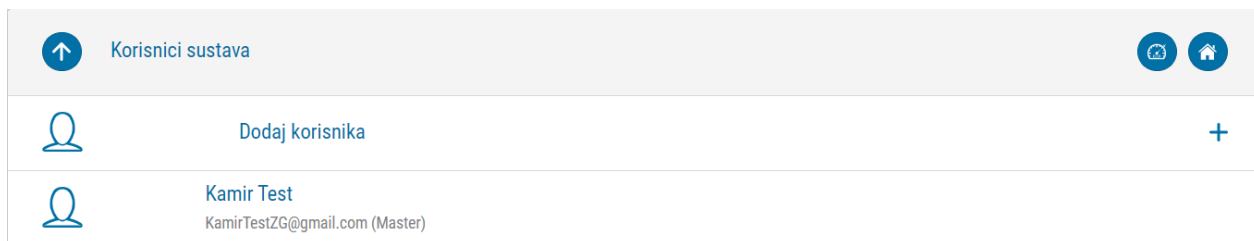


U web browseru se otvara početno sučelje sa kojega možete upravljati alarmnom centralom:

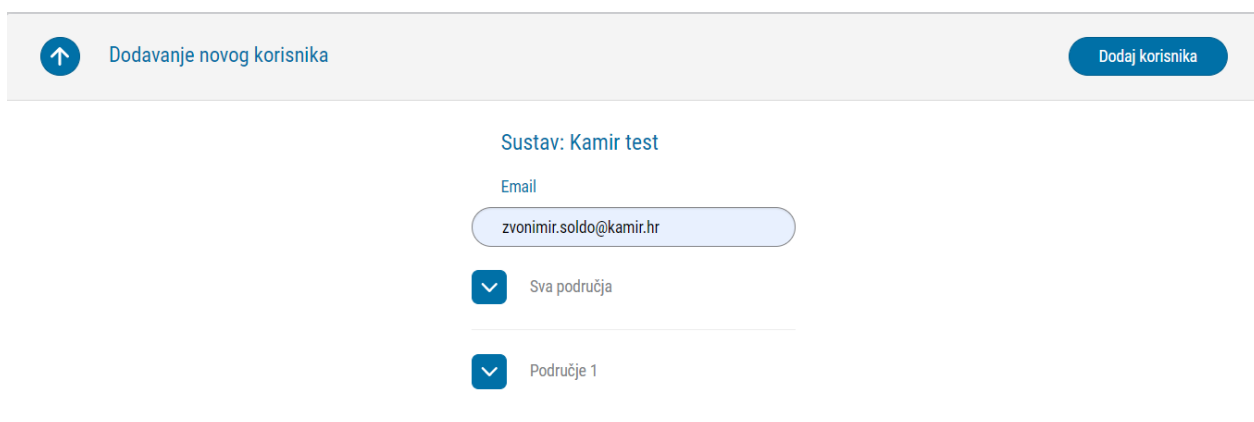




Da bi dodavali korisnike alarmog sustava potrebno je otići u **Postavke > Korisnici sustava**:




Klikom na **Dodaj korisnika** otvarate novi prozor u kojem upisujete mail adresu registriranog korisnika te određujete sa kojom particijom sustava korisnik može upravljati:





Korisnik, kojeg želite dodati u sustav, dobiva mail sa linkom na Protegus aplikaciju:

Pozvani ste

 Protegus <protegas@protegas.eu>
Primatelj Zvonimir Soldo

[Pravilnik o zadržavanju](#) [Brisanje 5 godina \(5 godina\)](#)

Pozvani ste u novi sustav "Kamir test".

Kliknite na link da biste ga vidjeti:

<https://app.protegas.eu/system/view/62211>

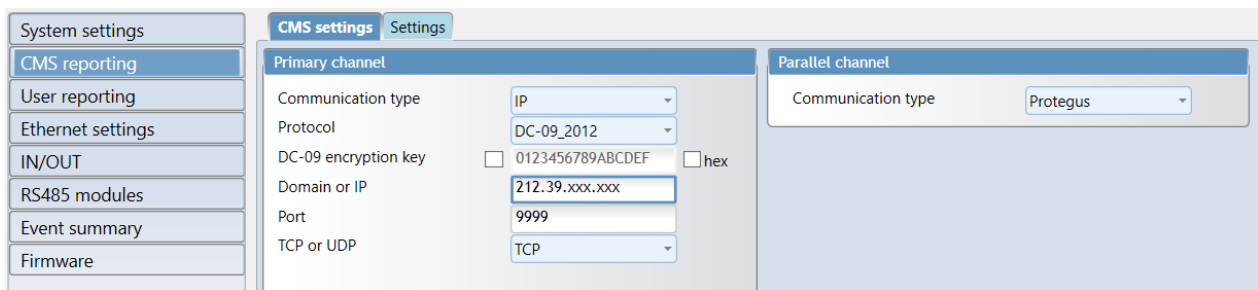
Odabrani korisnik klikom na link otvara svoju Protegus aplikaciju te započinje upravljanje aplikacijom.

Programiranje dojave na Enigma CDS

Da bi omogućili dojavu na Enigma CDS potrebno je znati IP adresu CDS-a, port po kojem propustate dojavu te protokol koji koristi navedeni CDS.

Protokoli :

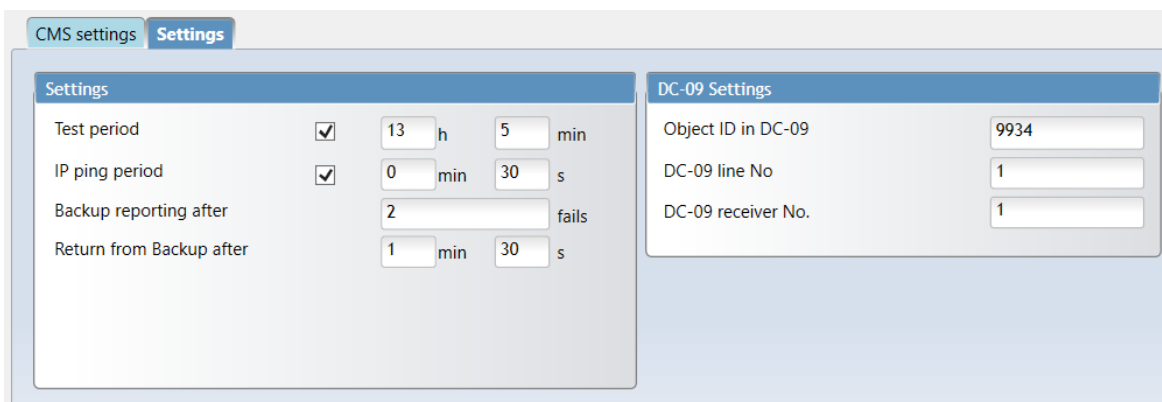
- TRK - za Trikdis dojavne centre
- DC-09_2007 i DC-09_2012 – za univerzalne dojavne centre
- TL150 – za SUR-GARD dojavne centre



The screenshot shows the 'CMS settings' interface. On the left is a navigation menu with options: System settings, CMS reporting (selected), User reporting, Ethernet settings, IN/OUT, RS485 modules, Event summary, and Firmware. The main area is divided into two sections: 'Primary channel' and 'Parallel channel'.
Primary channel settings:
 - Communication type: IP
 - Protocol: DC-09_2012
 - DC-09 encryption key: 0123456789ABCDEF hex
 - Domain or IP: 212.39.xxx.xxx
 - Port: 9999
 - TCP or UDP: TCP
Parallel channel settings:
 - Communication type: Protegus

Da bi mogli koristiti I dojavu na CDS I Protegus aplikaciju morate pod **Parallel channel** odabrati **Protegus**.

Nekoliko stavki konfigurirate pod **Settings**. Najbitnija je **Object in DC-09**, u kojem upisujete **Account** objekta koji vam je dan od strane CDS-a:



The screenshot shows the 'Settings' and 'DC-09 Settings' sections of the CMS settings interface.
Settings:
 - Test period: 13 h 5 min
 - IP ping period: 0 min 30 s
 - Backup reporting after: 2 fails
 - Return from Backup after: 1 min 30 s
DC-09 Settings:
 - Object ID in DC-09: 9934
 - DC-09 line No: 1
 - DC-09 receiver No.: 1



Nakon što ste odabrali Protegus kao **Parallel channel**, ako se vratite na **User Reporting** vidjet ćete da je kvačica sa **Enable connection** za Protegus nestala te poruku da je omogućena na CMS reporting:

A screenshot of a web-based configuration interface for Protegus Cloud. The interface has a light blue header with the text "PROTEGUS Cloud". Below the header is a main content area with a white background. At the top of this area is a blue bar with the text "PROTEGUS Cloud". Below this bar, there are two rows of configuration options. The first row is "Enable connection" followed by a checkbox that is unchecked. To the right of the checkbox is a message: "Protegus already enabled in 'CMS reporting'". The second row is "PROTEGUS Cloud access Code" followed by a text input field containing six black dots, indicating a masked password or code.