



# alvasys automation DR Telegram Driver User Manual

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alvasys automation DR Telegram  
Driver User Manual



## ALVASYS-DR-Telegram Driver

Software installation and configuration manual.

Ver: 1.0 Date: January 20, 2025 Author: M.Meriano

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## 1 History

Rev.	Date	Author	Description
	January 22, 2025	Marcello Meriano	First draft

## 2 index

## 3 Confidentiality Notice

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## 4 introduction

### Requirements

- Niagara 4.x(>= 4.7)
- A license to use the alvassiTELEGRAM driver is necessary! The License is included with newly issued licenses, if not please provide the Host ID + Serial Number and the [info@alvasys.ch](mailto:info@alvasys.ch) send.
- Telegram account!

## 5 Telegram bot and group

The best way to create the Telegram bot is on the web! Important: You must already have the APP installed on your mobile phone! For your information there is only one bot per JACE, but multiple groups can be made per bot! <https://web.telegram.org/k/> and connect to your mobile phone:



Log in to Telegram by QR Code

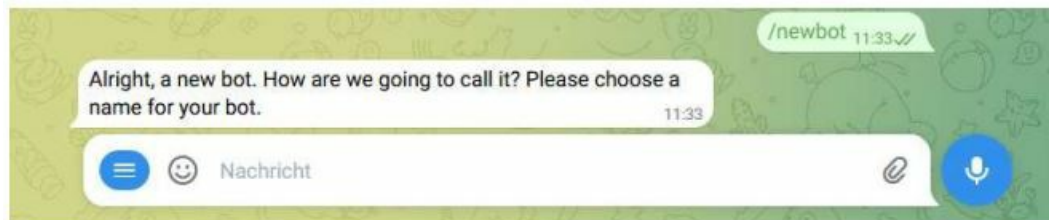
1. Open Telegram on your phone
2. Go to **Settings** > **Devices** > **Link Desktop Device**
3. Point your phone at this screen to confirm login

[LOG IN BY PHONE NUMBER](#)

1. Set up your own account: Search for BotFather and select it!



2. own bot create under BotFather: /newbot



**Give name: IchbinjetzdeinBOT (name for your BOT)**



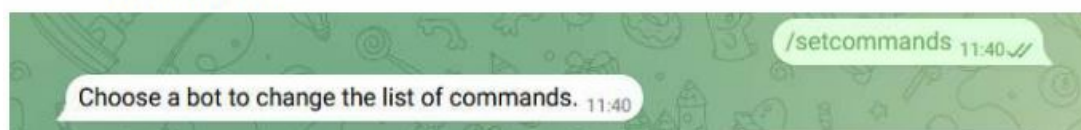
**Enter user name: IchbinjetzdeinBOT**



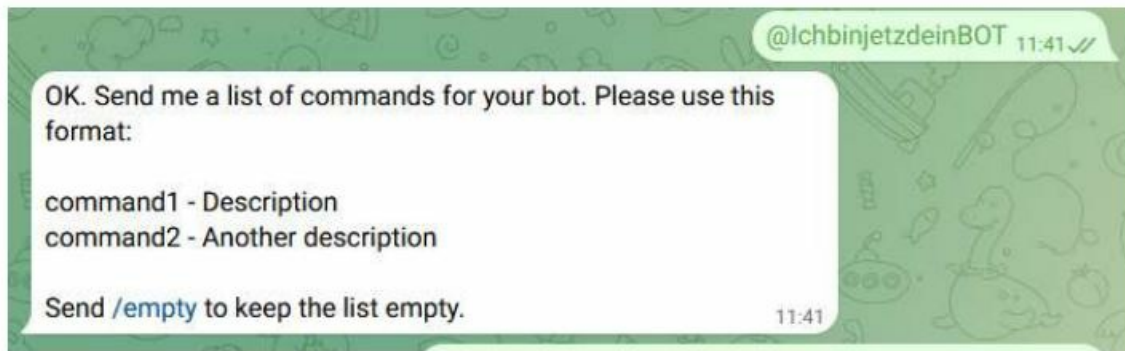
**Please save user and token!!**

Also configure the acknowledgement directly in the same chat!

**/setcommands**



**@IchbinjetzdeinBOT your bot**

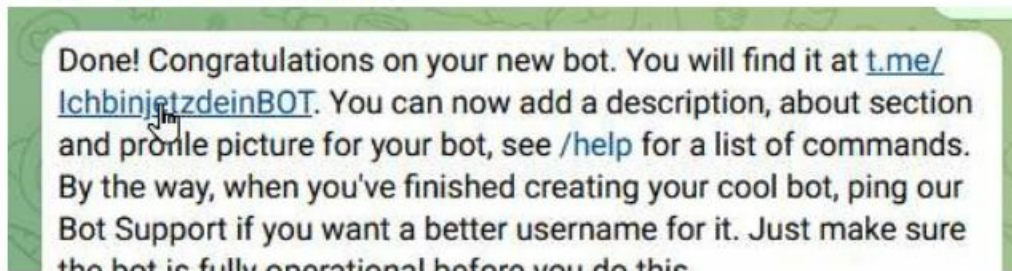


**ack – Specify the Alarm UUID to acknowledge it.**



Your bot is now finished!

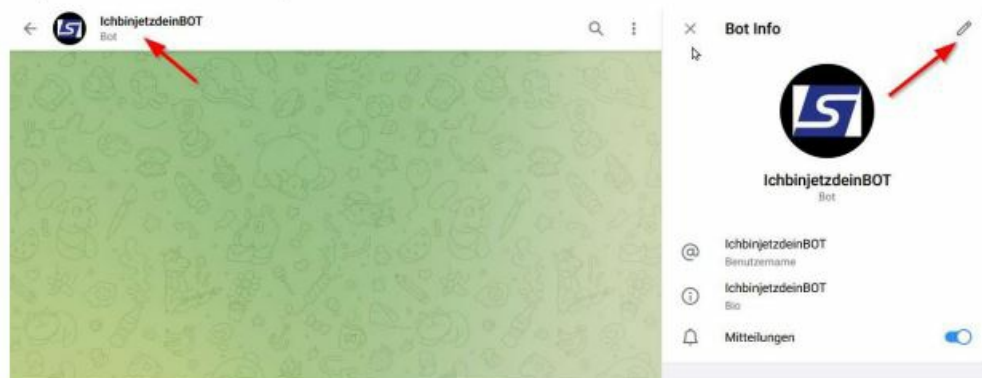
Now call your bot! @I'mnowyourBOT



**START**

/start

Adjust icons and description if desired





A group with the right

Create alarm recipients:



Select the people who should be in this alarm group. **Important: Your bot (I'mnowyourBOT) must also be a member of this group!**



Assign names and icons! And more→



Chat IDRemember: (inbrowser

<https://web.telegram.org/a/#-xxxxxxxxxxxxxx>



Telegram is set up!

The modules of the driver alvassiTELEGRAM contains two

- alvassiTELEGRAM-rt.jar
- alvassiTELEGRAM-wb.jar

Compatibility

Platforms

The driver alvassiTELEGRAM runs on Niagara 4.x(>= 4.7) platforms.

Test with the version

Niagara 4.14.x

Without a license, sending and receiving of the No news!

Licenses:

SSI-DR-TELEGRAM5 for 5 alarm groups

SSI-DR-TELEGRAMIP15 for 15 alarm groups

SSI-DR-TELEGRAMIP50 for 50 alarm groups

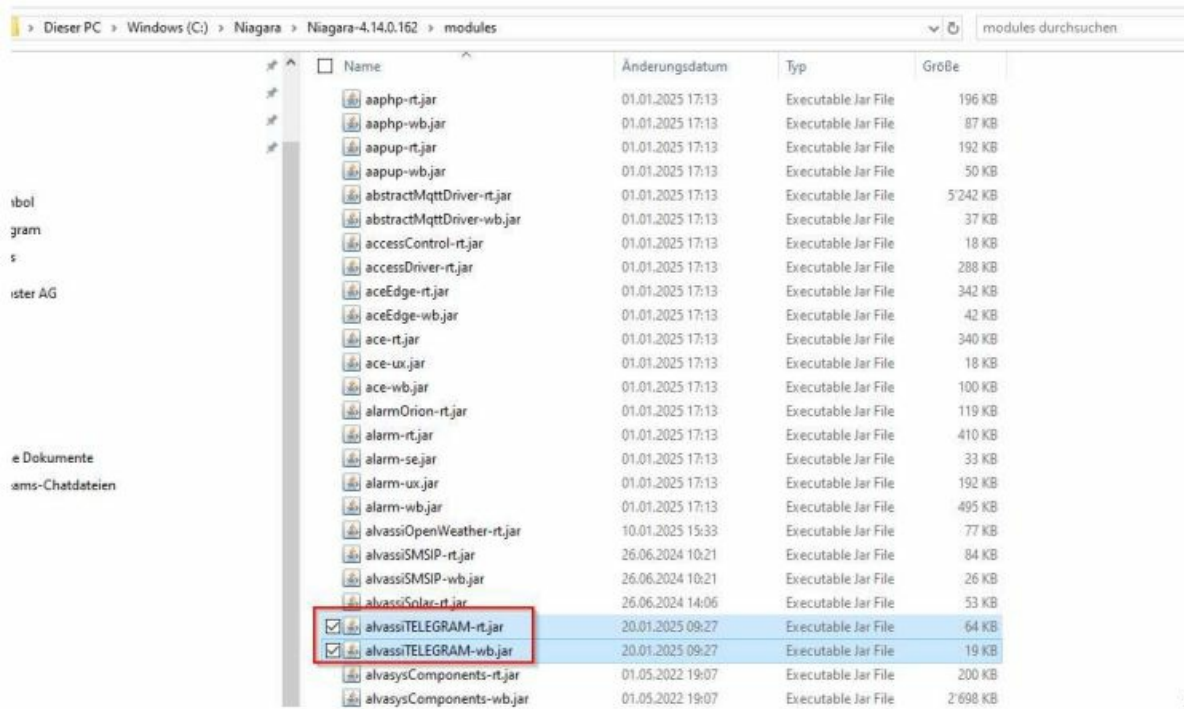
SSI-DR-TELEGRAMIP1U Update + 1 alarm group

SSI-DR-TELEGRAMIP5U Update + 5 alarm group

SSI-DR-TELEGRAMIP10U Update + 10 alarm group

## **7 Installing the modules**

Insert the modules under your installation: C:\Niagara\Niagara-4.Version\xyz\modules



Step 1	First, unzip the files containing the driver and technical notes.
Step 2	Copy the two JAR files into the module directory of your Niagara Work Bench.
Step 3	Restart your Work Bench.
Step 4	After rebooting, the file should appear in the list of available software. This can be viewed by clicking on the "Software Manager" section of your Work Bench platform

#### To install the driver on the JACE/HAWK unit, follow these steps:

Step 1	The Work Bench allows you to connect to a Manufacture JACE/HAWK barrel unit.
Step 2	Transfer the <b>alvassiTELEGRAM</b> module into the device under the Modules folder.
Step 3	This can be done by activating the standard Tridium software upgrade procedure or by simply copying the JAR files can be transferred using the File Transfer Client method available in the Platform Options list in your Workbench. The destination directory in Jace8000 is: /opt/niagara/modules For more details on transferring files from Work Bench to JACE/HAWK units, see the official Tridium documentation.
Step 4	After copying the driver to the JACE/HAWK unit, force a reboot.

## 8 Installing TELEGRAM modules

Inserting the modules under the service JACE/MAC/HAWK/

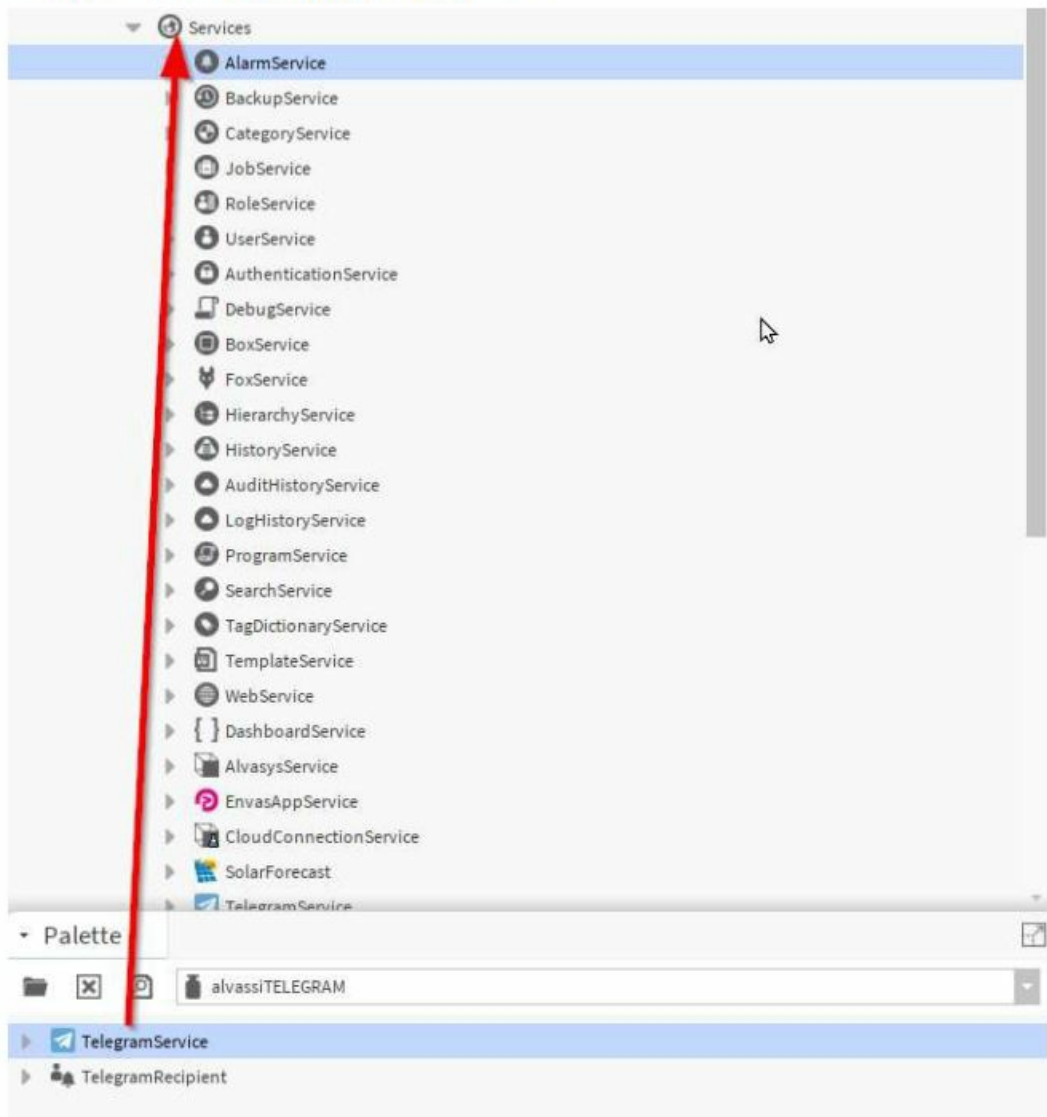


Open the palette:



Install TelegramService under Service!

Install this on the JACE/HAWK/MAC/ like this.



### Setting in the Telegram service

Enable service: Shows how many messages are still pending and which ones were last received.

Bot Name: from Telegram [IchbinjetzdeinBOT](https://t.me/IchbinjetzdeinBOT)  
Bot Token: from Telegram to BotFather 7622491[REDACTED]DhvZgt3yT-2dB90tjE

Status	{OK}
Fault Cause	
Enabled	ein
Driver Vendor	AlvasysSsi
Driver Version	1.0.1.0
Bot Name	IchbinjetzdeinBOT
Bot Token	.....
Health	Ok [20.Jan 2025 14:27 MEZ]

Right click on the station you can still see the news→Clear Queue (delete the messages still to be sent) Reset Count (delete the counter)

Status	{OK}
Fault Cause	
Enabled	ein
Driver Vendor	AlvasysSsi
Driver Version	1.0.1.0
Bot Name	IchbinjetzdeinBOT
Bot Token	.....
Health	Ok [20.Jan 2025 14:27 MEZ]

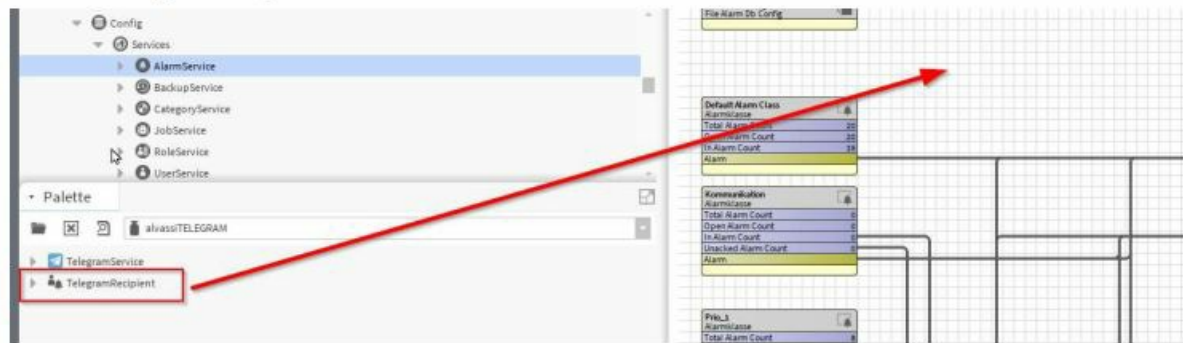
Context Menu:

- Ausführen
  - Clear Queue
- Neu
  - Reset Count

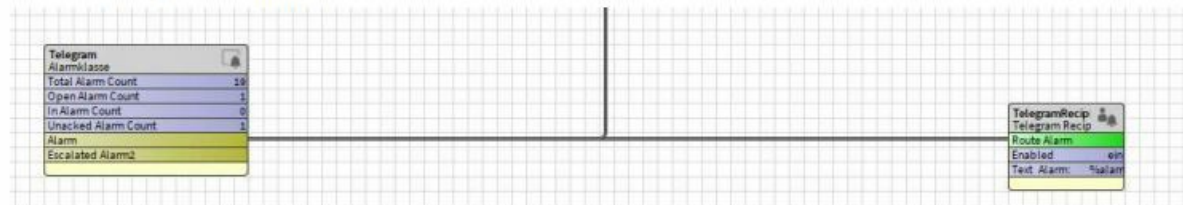
## Setting up and configuring Telegram Recipient (JACE/MAC/HAWK)

Insert the Telegram Recipient into the Alarm Service

## Insert the Telegram Recipient into the Alarm Service



## Connect to the desired alarm class!



## Setting the desired alarm text (BFormat)

**Source:**%alarmData.sourceName%

**Timestamp:**%timestamp%

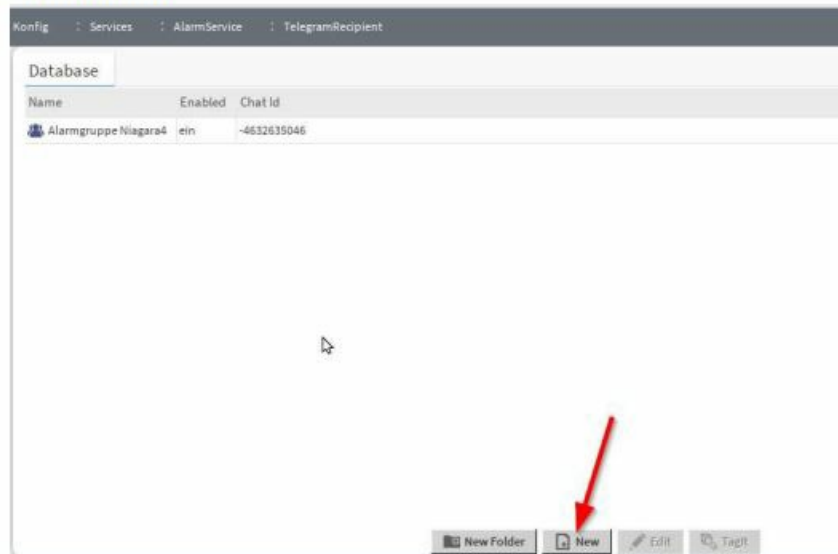
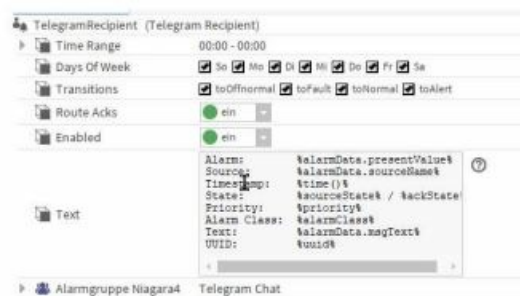
**State:**%sourceState% / %ackState%

**Priority:**%priority%

**Alarm Class:**%alarmClass%

**Text:**%alarmData.msgText%

**UUID:**%uuid%



Add new users:



Filling in the data:

Name: Name of the alarm group in Telegram **IchbinjetzdeinBOT**  
Chat ID: Chat ID of Telegram group **-4607045xx6**



Now the system is ready to send and acknowledge alarms!

Alarms that arrive in the Telegram group can be freely adapted to recipients in the alarm text.  
If the alarms need to be acknowledged, it is necessary to send the UUID.



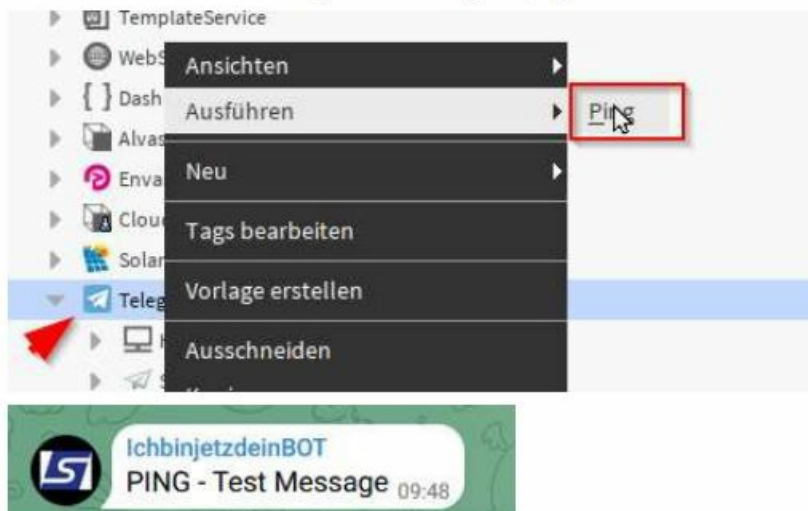
Acknowledge alarms:

/ack and the **UUID** must be in the text!

**/ack 8a691470-21b0-4012-ad20-4e6e76514e89**



As soon as the users are configured correctly, the ping can also be executed!



+41 (0)44 261 00 70 [info@alvasys.ch](mailto:info@alvasys.ch) / [www.alvasys.ch](http://www.alvasys.ch) / [www.alvasys.de](http://www.alvasys.de)

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## Documents / Resources

	<p><a href="#">alvasys automation DR Telegram Driver</a> [pdf] User Manual SSI-DR-TELEGRAMIP1U, DR Telegram Driver, Telegram Driver, Driver</p>
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## References



- [!\[\]\(71ac35c616fd8bfda805d579390e24d8\_img.jpg\) \*\*Startseite | alvasys automation ag\*\*](#)
- [!\[\]\(b10a8b91056068472be58f587e00cb47\_img.jpg\) \*\*Startseite | alvasys automation ag\*\*](#)
- [!\[\]\(26a0aa65ffdf9b4c0922ec277970eeda\_img.jpg\) \*\*Telegram\*\*](#)
- [\*\*User Manual\*\*](#)

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