

Hello community, hello openHAB enthusiasts,

we as the Bosch spexor team have developed a beta add-on for our Bosch spexor product to enable the integration into your smart home.

What is spexor? spexor is a smart IoT device that enables you to observe your environment with the help of embedded sensors. It is a mobile device that can be used on your travels within the EU but also at home, in your garden shed or wherever you have something to protect. It only needs WiFi or mobile network for communication. If you would like to get more details, we recommend visiting our website <https://www.spexor-bosch.com>.

With the new add-on for openHAB, we would like to enable your smart home or maybe your smart mobile environment to get connected to other your systems and to enable new possibilities. It allows you e.g. to get an indication of your air quality and visualizing this via your smart light bulbs or to get a voice reminder if it got to a certain level could be an option. You can also define personalized rules in case spexor detects an intrusion, e.g. playing a sound, turning on the lights and much more.

There are no limits to your creativity to get Bosch spexor integrated into your smart X.

Let us know what you have achieved with your customized setup. You may inspire others as well.

You are interested and would like to start? Just put this add-on to you openHAB server (3.1.x min. version) and install the new binding.

As soon as it has installed the binding, just open the page <http://<your-openHAB-URL>/spexor> and the setup screen will guide you through the steps!

### **Screenshots of the openHAB add-on**

# Bosch spexor @ openHAB

## Welcome to the Bosch spexor world!

### Use case inspiration

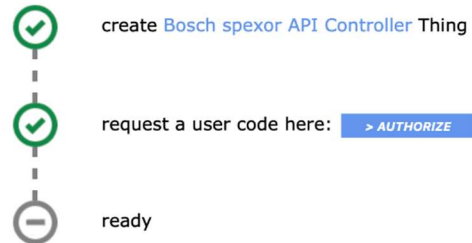
The spexor binding provides sensor data and allows for controlling your spexors. You could use the add-on to build applications or services that enable you to:

- See or hear spexor's alarms on other connected IoT devices (ambient lights, TV screens, loudspeakers, ...)
- Get an email with a photo of the room whenever an alarm was triggered (photo provided by a connected surveillance camera)
- Have your connected home appliances (such as blinds, thermostat, air purifier, oven) respond according to air quality and room temperature as measured by spexor
- Use a voice assistant or a hand-tracking service to control your spexors



### Setup


To use the openHAB with the Bosch spexor please authorize your openHAB with spexor.



### Status

This openHAB service is currently **AWAITING\_USER\_ACCEPTANCE** to communicate with the spexor API

Bosch spexor authorization [RESET](#)

  
empowering the smart home

Keine Seiten

Administration

Einstellungen

Things

Model

Items

Pages

Rules

Scripts

Schedule

Entwickler Tools

Über & Hilfe

Back

Thing

Channels

Code

spexor

Status: ONLINE

Identifier

boschspexor:BoschSpexorThing:61c7f2f9c8:86090

Label

spexor

Location

e.g. Kitchen

Parent Bridge

Bridge

Bosch spexor API Controller

Information

Thing Type

BoschSpexor Binding Thing

Configuration

spexor ID

86090

Required Unique identifier of the spexor

spexor Name

Alexa

Required Identifier of the spexor given by the user

spexor refresh interval

30

Required Interval to check the new state of the spexor in seconds

Delete Thing

spexor

Thing

Channels

Code

Q Search channels

All

Linked

Unlinked

spexor Status

S

State of charge

status#soc (Number)

Battery state in %

1

▼

L

Last Connected

status#lastConnected (DateTime)

Information about the Date Time when the spexor was connected

1

▼

C

Connection State

status#connectionType (String)

Information about the connection State

▼

P

Powered

status#powered (Switch)

Information about the charging port state

▼

E

Energy Mode

status#energyMode (String)

Information about spexor energy mode

▼

I

Installed Firmware Version

status#installedVersion (String)

Information about installed Firmware Version

▼

A

Available Firmware Version

status#availableVersion (String)

Information about the latest available firmware Version

▼

F

Firmware State

status#firmwareState (String)

Information about spexor firmware state

▼

spexor profile

P

Profile Name

profile#profileName (String)

Used Profile

▼

P

Profile type

profile#profileType (String)

Description of the profile type

▼

spexor observation information

S

Observation Type Burglary

observations#Burglary (String)

Information about spexor observation state

▼

S

Observation Type Fire

observations#Fire (String)

Information about spexor observation state

▼

spexor sensors

S

Sensor Type AirQuality

sensors#AirQuality (String)

Sensor Value "AirQuality"

1

^

S

Sensor Type AirQuality

Number - Point

spexor\_SensorTypeAirQuality

135

>

+

Add Link to Item...

>

Channel Details

S

Sensor Type AirQualityLevel

sensors#AirQualityLevel (String)

Sensor Value "AirQualityLevel"

▼

S

Sensor Type Temperature

sensors#Temperature (String)

Sensor Value "Temperature"

1

▼

S

Sensor Type Pressure

sensors#Pressure (String)

Sensor Value "Pressure"

▼

S

Sensor Type Acceleration

sensors#Acceleration (String)

Sensor Value "Acceleration"

▼

S

Sensor Type Light

sensors#Light (String)

Sensor Value "Light"

▼

Installation hint:

Just store the jar file into your openHAB Installation “add-on” folder. openHAB is automatically detecting the spexor add-on. You can then check the binding settings in openHAB to do further configuration if needed.

Btw:

We are targeting to contribute to the openHAB community quite soon to enable your smart X to get more out of your system and would like to enable you also to extend it by yourself.

For technical details you can have a look into our development portal at Bosch

<https://developer.bosch.com/products-and-services/apis/spexor-api> and get more details about the spexor.

If you do have questions or problems just let us know and we will try to help!

Team spexor