

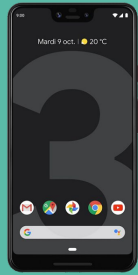


# CasaGramma

## The Telegram Smart Home Bot

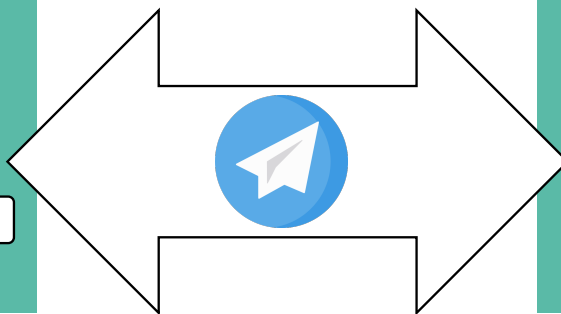


A User wants to control his Smart Home Devices and opens the Telegram Bot CasaGramma



Send me the Weather Data!

Telegram Servers communicate between Client and CasaGramma



CasaGramma handles commands and communicates with Microsoft Azure



Data Exchange between Azure & CasaGramma



Stream Analytics retrieves data and sends it to Cosmos DB

Cosmos DB stores valuable weather data



Can be accessed by CasaGramma at any time, anywhere

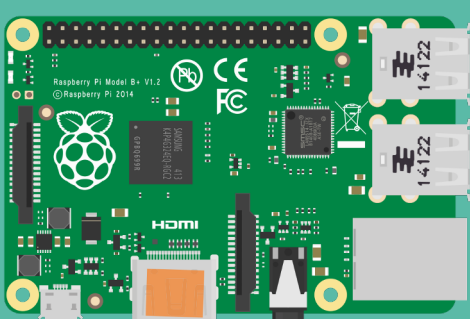
IoT Hub holds all IoT Devices and can send Cloud to Device Messages to certain devices



Data Exchange between IoT Devices & Azure



IoT Devices read sensors and control peripherals and are in connection with the Azure IoT Hub



### WHAT?

CasaGramma can be accessed everywhere with the Telegram Messenger application. One can control and access his smartphone everywhere he wants to. All data is processed and delivered over Microsoft Azure, the absolute cloud solution.

### WHY?

CasaGramma is fast and you don't need any additional application if you already have the Telegram Messenger. You get the benefit of a Smart Home solution, you can even choose from a great range of devices where you want to control it from.

### HOW?

Smart IoT Devices are connected to Azure, where they send their data to or can be controlled from. CasaGramma is running on any server or computer instance you want, you can easily access it over the Telegram Messenger.

The IoT Hub handles all your devices, the Cosmos DB stores all data that is received from the sensors.

Through Cloud-to-device messaging, controlling your IoT Device through another application has never been easier.