KHOMP

SIP device management software

Main features

- Program and monitor devices remotely

- Creates administrator access, technician administrators and users with restricted access at each level

Applications

- Intended for Khomp product integrators and their customers, with the aim of facilitating device operation and maintenance

Overview

Set'n'go is a cloud-based PaaS (Platform as a Service). It is software designed to be used together with Khomp products, improving the user experience, facilitating provisioning, improving updates and technical support to the customer.

The communication between Set'n'go and the connected devices must be done through the TR-069 protocol, guaranteeing reliability and security.

Users can access Set'n'go's Web Interface and perform configurations, updates, provisioning, without having to access each product's Web Interface. Configurations can also be performed in a "group" of devices, where all devices present in the group receive the configuration.

Set'n'go supports Zero-Touch provisioning via the TR-069 protocol.

Operation

When starting a device that is already known to Set'n'go, it connects to the system and receives its settings.

When a new device is connected to the system, Set'n'go requests the device's settings and parameters and stores it in the database.

The device connected to Set'n'go is recognized on the network through its MAC address, and the registration is unique, thus providing greater security in the connection.

The user has access to a registration tool where they can see feedback on registered devices.

Any user can see the Log of the devices registered in his account.

System access

There are two types of accounts with different permissions:

- Free User: Has limited access to some features.
- Premium user: Receives resources related to the user license purchased for the system.

Free user

Free users can perform the functions noted below:

- Add a limited number of devices to the system.
- Configure devices.
- Manage Devices.
- Filter search.
- Create groups:
- Possibility to create a limited number of groups with associated devices.
- Assign devices to groups (one by one).
- Configure templates with presets stored in Set'n'go.

Premium user

Premium user is the one who buys Set'n'go usage license according to their objectives. It can perform the following functions in the system:

- Add devices.
- Send files with previous configurations to registered devices.
- Update registered devices.
- Create groups and subgroups.
- Configure devices in a group, sending previous configurations to all devices belonging to the group.
- Update devices in a group, sending the update to all devices belonging to the group.
- Report bugs to support.

According to the acquired license, the premium user will have a limit on the time of use of Set'n'go, a limited amount of devices to be added and a limited amount of groups/subgroups that can be added on the platform.

Languages

The system is available in Brazilian Portuguese, English and Spanish.

Technical specifications

Main goals
- update firmware
- restart the device
- Restore factory settings
- Configure and monitor the device

Security
- Access is via HTTPS, assigning all the resources that the protocol provides related to security
- Limited access to each device's MAC address
- MAC Duplicate Lock
- Access to technical support with temporary login and password

Prerequisites
- Standard Web browser (Internet Explorer, Google Chrome, Mozilla Firefox, among others) to access the Set'n'go Web Interface

Necessary protocols
- TR-069 for communication between devices and the Set'n'go platform
- HTTPS on Web Interface Interaction

Warranties and certifications
- Warranty related to the purchased use license
- ISO 9001 certified industry