Daemon configuration manual

This page describes the procedure for configuring the OpenSAND daemon during installation.

The configuration wizard asks for minimal informations to set-up your OpenSAND installation. Most of the networking options are automatically deduced from your network configuration when installing the packet.

The first window asks to enter the platform ID, which will be used by OpenSAND to automatically detect the existing entities using Avahi. The service type advertised by avahi will have the format

```
_{platform_id}_opensand._tcp.
```

Leaving this parameter empty (default) means the service type will be

```
_opensand._tcp.
```

Unless multiple platforms of OpenSAND are installed on the same network, the default value is preferred. Otherwise, each platform must have an unique platform ID to avoid confusion between the hosts. **All hosts in the platform must have the same platform ID.**

The following window asks the user to select the type of entity being configured. To configure a satellite, select SAT; for a gateway, GW; and for a satellite terminal, ST.
Next, if configuring an ST or a GW, the ID of the entity must be chosen. For satellite terminals, the ID ranges from 1 to 5, whereas for gateways, it can be either 0 or 6. Although not necessary, it is preferred to start using the lowest values (GW0 and ST1).

**NOTE:** *This step is not present when configuring a SAT*

In the next step, the interface for communicating with the other entities must be selected. This is the interface the daemon will use to communicate with the manager, and other daemons using avahi.
Therefore, the interface must correspond to a network where all entities (including the manager) are connected. The emulation network is a valid option.