



FabulaTech USB for Remote Desktop

- [Getting Started with FabulaTech USB for Remote Desktop on IGEL OS](#) (see page 3)

# Getting Started with FabulaTech USB for Remote Desktop on IGEL OS

More detailed information about the function can be found on the Fabulatech partner site: <http://www.usb-over-network.com/partners/igel/>.

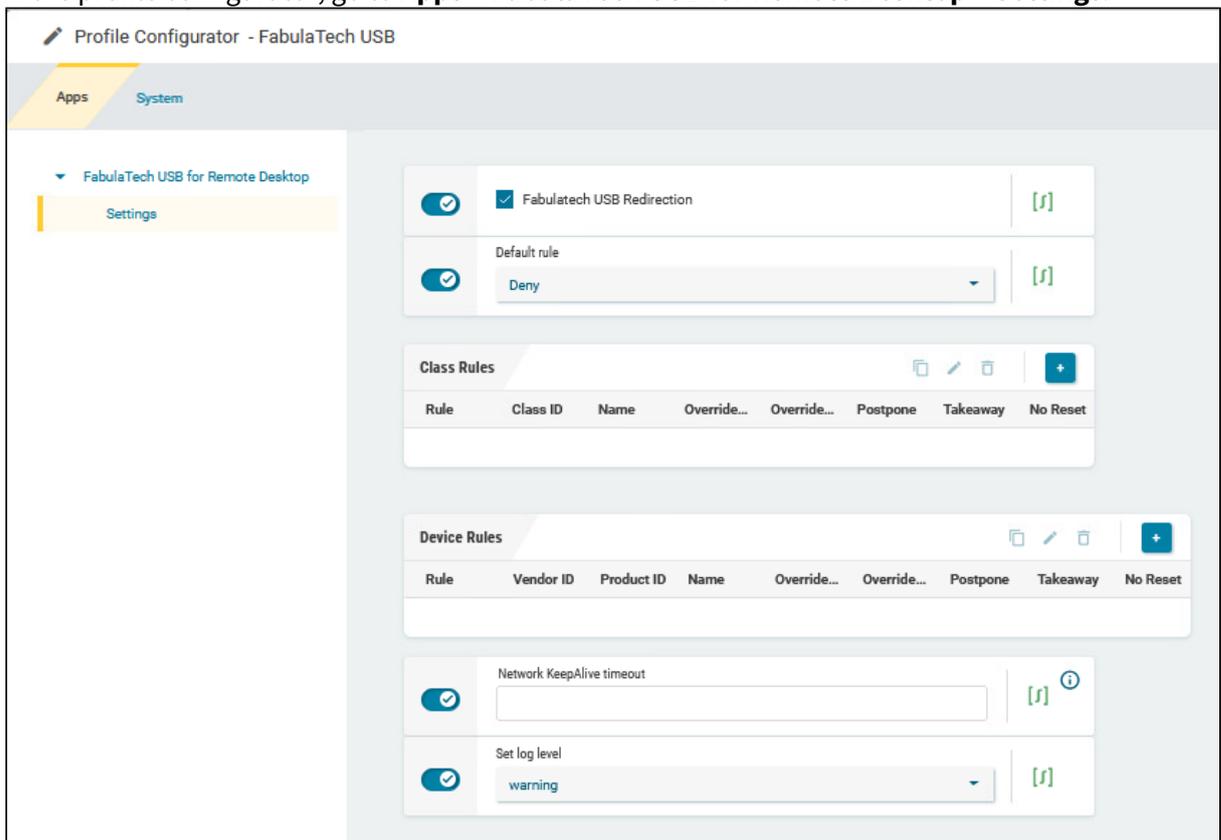
## Dependencies

To use the FabulaTech USB redirection, the following apps must be installed and configured as well:

- FabulaTech Plugins

## How to Disable or Enable the USB Redirection

1. In the profile configurator, go to **Apps > FabulaTech USB for Remote Desktop > Settings**.



2. Change the settings as required.

### FabulaTech USB Redirection

- Fabulatech USB redirection is enabled for the sessions that are enabled in the FabulaTech Plugins app. (Default)

Fabulatech USB redirection is disabled.

### Default rule

This rule will apply if no special rule was configured for a class or a device.

- **Deny:** Devices are only redirected if they have **Allow** rules configured under **Class Rules** or **Device Rules**. (Default)
- **Allow:** Devices are always redirected unless they have **Deny** rules configured under **Class Rules** or **Device Rules**.

#### Tip

To secure your endpoint, it is generally recommended to set **Default rule** to **Deny** and to configure **Allow** rules only for the required USB devices and USB device classes.

### Class Rules

Class rules apply to USB device classes and sub-classes.

To manage rules, proceed as follows:

- Click  to create a new entry.
- Click  to remove the selected entry.
- Click  to edit the selected entry.
- Click  to copy the selected entry.

Clicking  brings up the **Class Rules** dialog, where you can define the options described under [Class Rules](#) (see page 5).

### Device Rules

A device rule applies to a specific device that is identified by its serial number.

To manage rules, proceed as follows:

- Click  to create a new entry.
- Click  to remove the selected entry.
- Click  to edit the selected entry.
- Click  to copy the selected entry.

Clicking  brings up the **Device Rules** dialog, where you can define the options described under [Device Rules](#) (see page 8).

### Network KeepAlive timeout

Interval in seconds between keep-alive messages sent to the server port to prevent the client-server link from being broken.

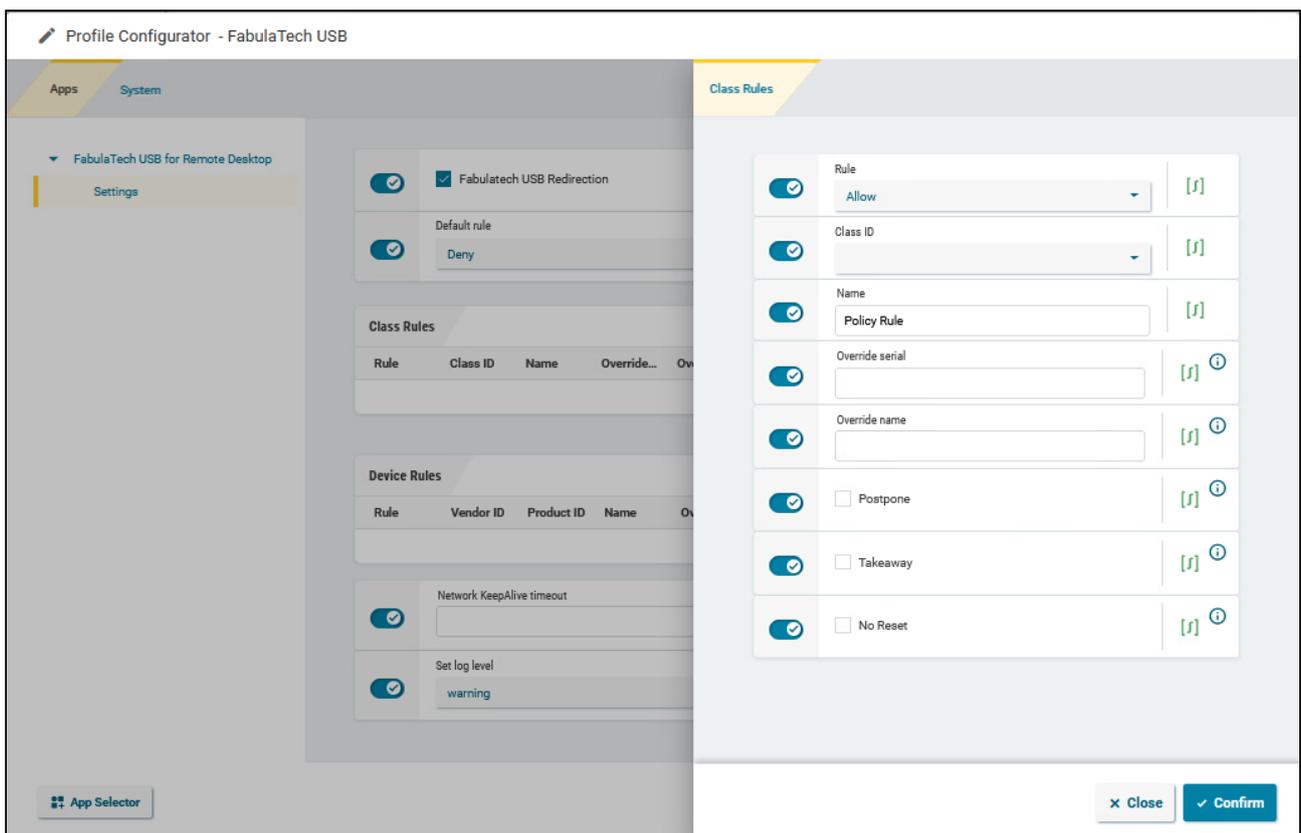
### Set log level

Defines the degree of detail written into the log file.

Possible options:

- **Debug**
- **Info**
- **Warning** (Default)
- **Error**
- **None**

## Class Rules



The screenshot shows the 'Profile Configurator - FabulaTech USB' interface. The 'Class Rules' section is active, displaying a list of rules and a detailed configuration panel for a selected rule.

**Class Rules Configuration Panel:**

- Rule:** Allow
- Class ID:** [Empty]
- Name:** Policy Rule
- Override serial:** [Empty]
- Override name:** [Empty]
- Postpone:**
- Takeaway:**
- No Reset:**

**Background Settings (Left Panel):**

- Fabulatech USB Redirection:**
- Default rule:** Deny
- Network KeepAlive timeout:** [Empty]
- Set log level:** warning

Buttons at the bottom: App Selector, Close, Confirm.

### Rule

- **Allow:** Devices that have the properties defined here are redirected by the Fabulatech USB redirection. (Default)

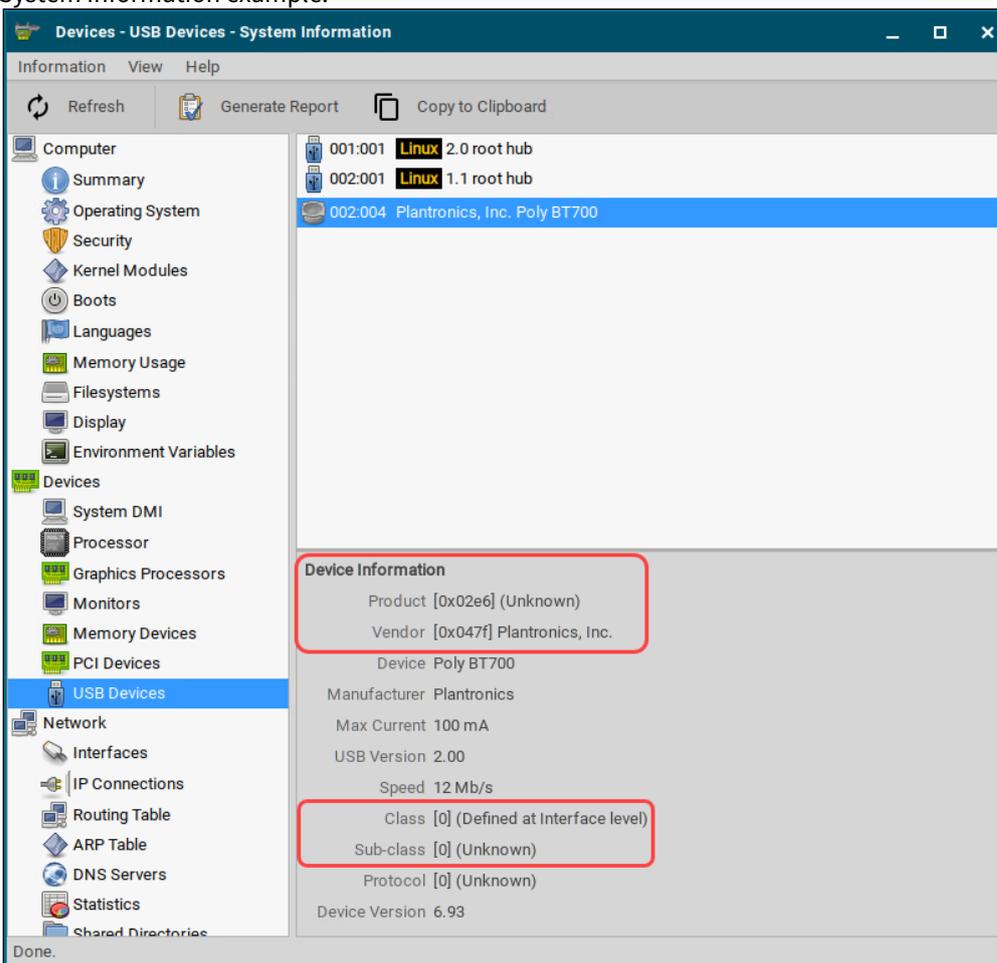
- **Deny:** Devices that have the properties defined here are not redirected.

### Class ID

Device class

#### **Getting USB Device Information**

To find out the **Class ID**, **Subclass ID**, **Vendor ID** and **Product ID** of the connected USB device, you can use the **System Information** tool. For further information, see System Information.  
System Information example:



Alternatively, you can use the command `lsusb` (or `lsusb | grep -i [search term]`) in the terminal.

Example for `lsusb` :

```
Local Terminal (on ITC00505693271E)
root@ITC00505693271E:~# lsusb | grep -i plantronics
Bus 002 Device 004: ID 047f:02e6 Plantronics, Inc. Poly BT700
root@ITC00505693271E:~# █
```

**Subclass ID**

Subclass relating to the specified device class

**Name**

Free text entry

**Override serial**

Serial number that will appear in the session

**Override name**

Device name that will appear in the session

**Postpone**

- The USB device is only removed from the system (endpoint device) when the session starts.
- The USB device is no longer shown immediately after the system is booted. (Default)

 This setting is only effective if the **Takeaway** parameter is enabled.

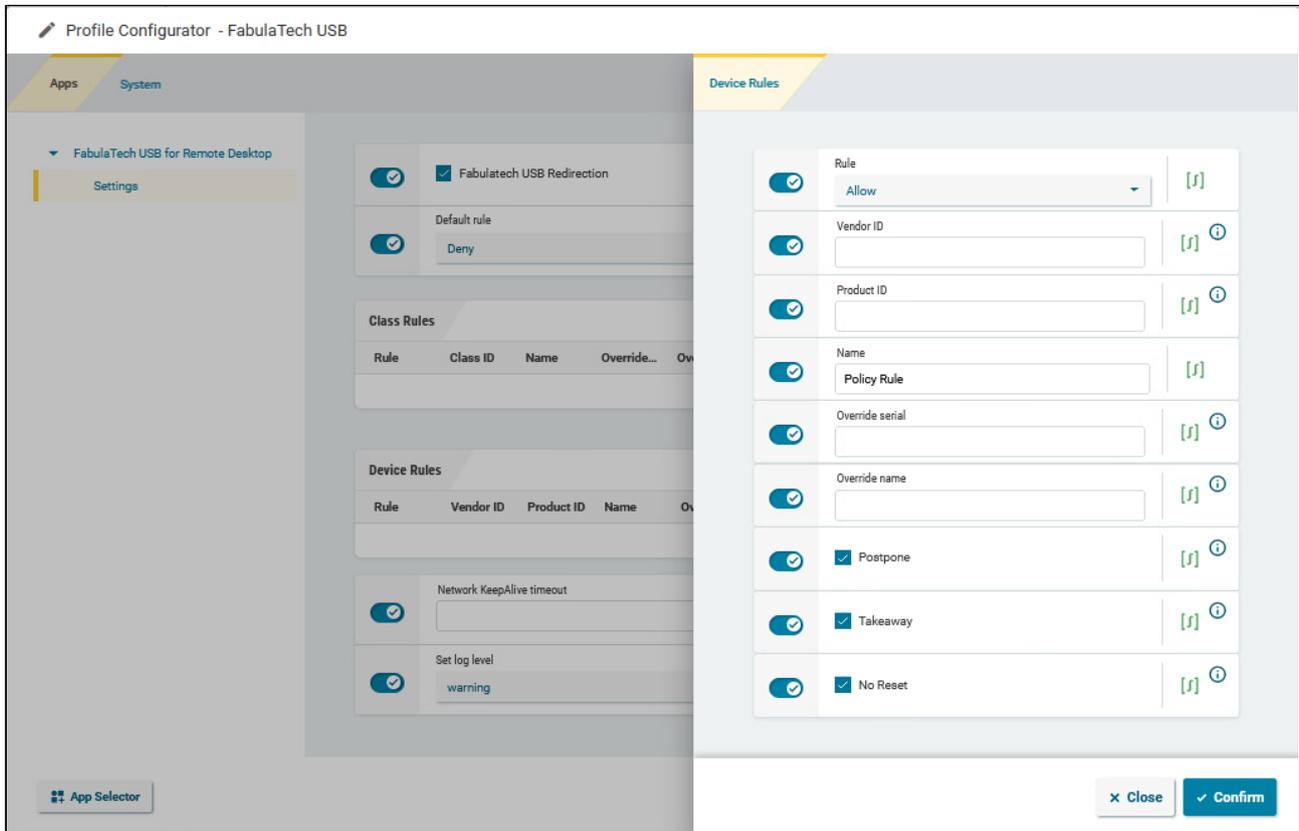
**Takeaway**

- The USB device may be removed from the system (endpoint device).
- The USB device may not be removed. (Default)

**No Reset**

- The device will not be automatically reset after the connection with the session has been terminated.
- The device will be reset after the connection with the session has been terminated. (Default)

## Device Rules



### Rule

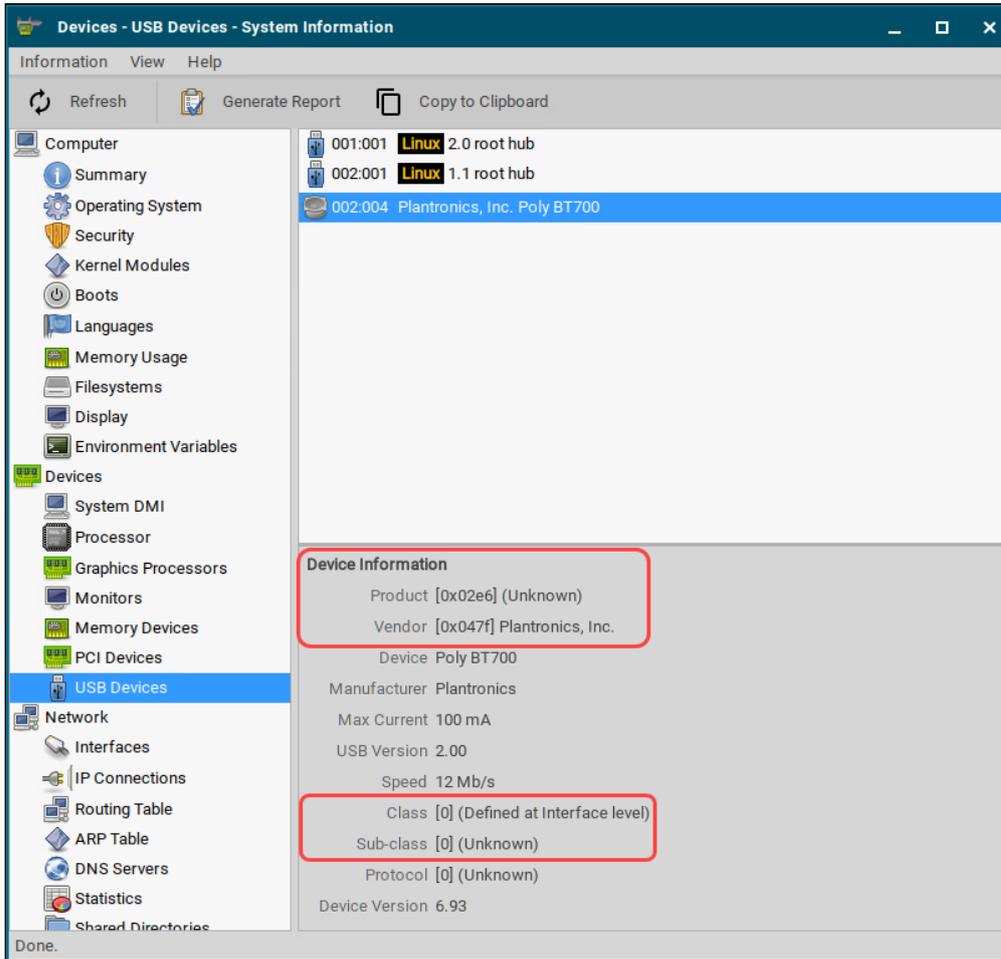
- **Allow:** Devices that have the properties defined here are redirected by the Fabulatech USB redirection. (Default)
- **Deny:** Devices that have the properties defined here are not redirected.

### Vendor ID

Hexadecimal manufacturer number

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Bus 002 Device 004: ID 047f:02e6 Plantronics, Inc. Poly BT700
root@ITC00505693271E:~#
    
```

**Product ID**

Hexadecimal device number

**Name**

Free text entry

**Override serial**



Serial number that will appear in the session

**Override name**

Device name that will appear in the session

**Postpone**

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- The USB device may not be removed.

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