# FabulaTech USB for Remote Desktop

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

> ⓘ  You have the following options to edit the configuration of your IGEL OS 12 device:
>   - via the IGEL UMS Web App:
>     - **Configuration > Create new profile** 🛡️⁺ (Use the **App Selector** to select one or several apps which will be configured by the profile.)
>     - **Apps > [name of the app] > Create new profile** (used to quickly configure a profile for the selected app. It is also possible to add other apps which will be configured by this profile)
>     - **Devices > [name of the device] > Edit Configuration** (In the device configurator, all installed apps are displayed under the tab **Apps**.)
>   - via IGEL Setup locally on the device (shows all installed apps. Apps are displayed under the tab **Apps**)
>
> The best practice to configure your devices is via profiles. For details on how to create profiles, see How to Create and Assign Profiles in the IGEL UMS Web App.

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



**Rule**

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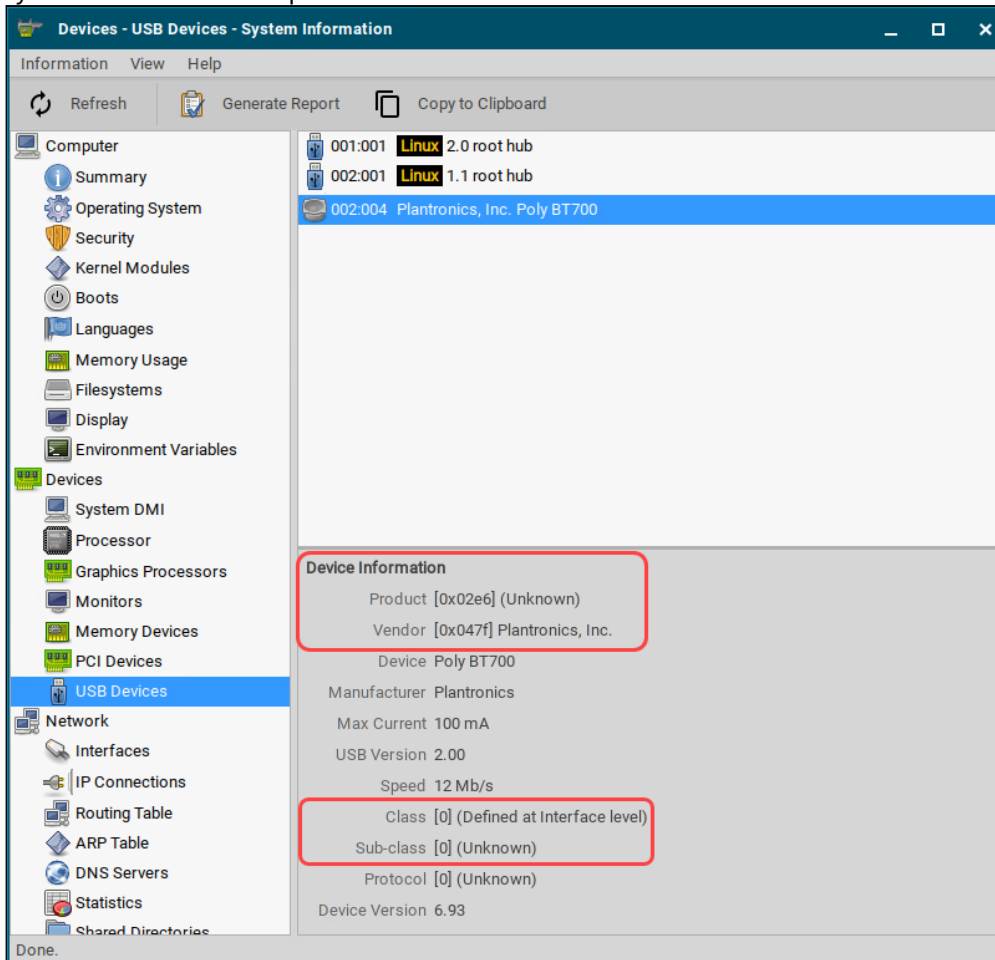- **Deny**: Devices that have the properties defined here are not redirected.

**Class ID**

Device class

> ℹ️ **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`:



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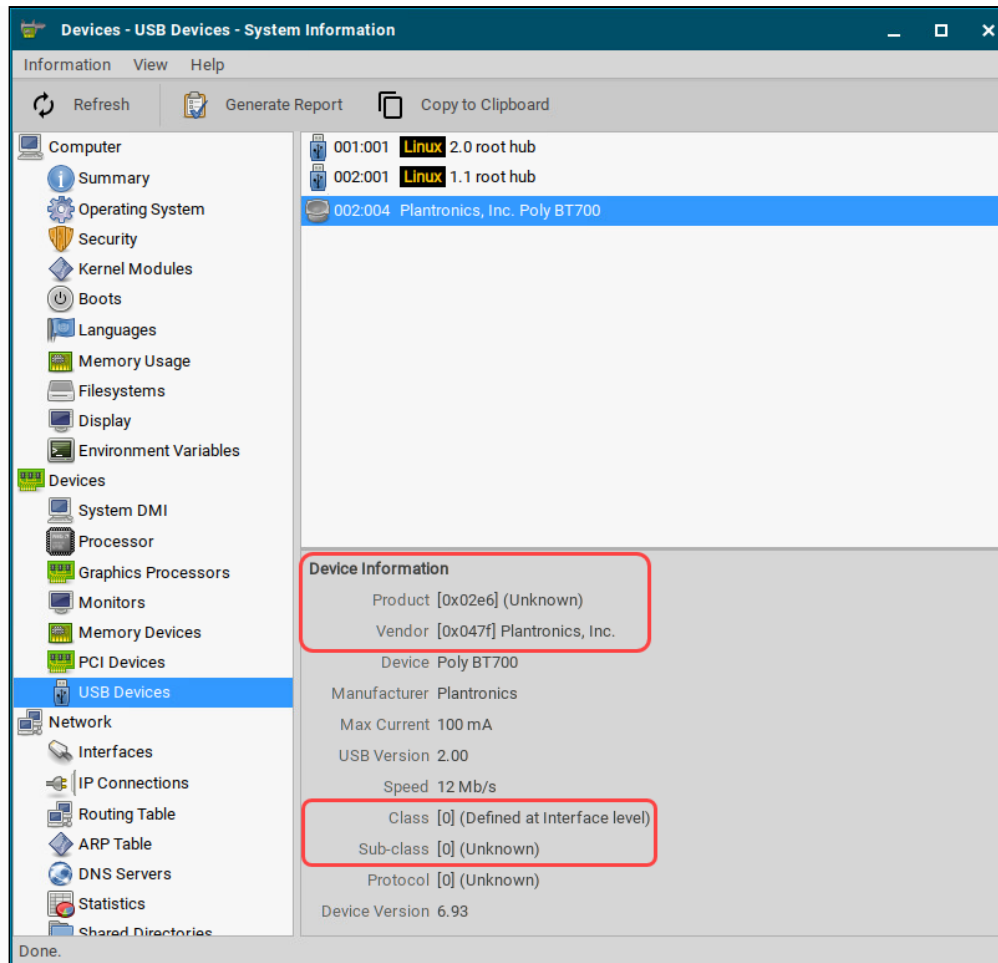- **Deny**: Devices that have the properties defined here are not redirected.

**Vendor ID**

Hexadecimal manufacturer number

> ⓘ **Getting USB Device Information**
>
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> System Information example:

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

Example for `lsusb` :



**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**

☑ The USB device is only removed from the system (endpoint device) when the session starts. (Default)

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