Quickstart Guide

PPU – PILATUS Processing Unit

This user manual is valid for the following FURKA and GRIMSEL versions:

- FURKA Version: V.3.7.1
- Grimsel Version: V.3.7.1

Document Version: V1
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1. Document History

1.1. Current document

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1.2. Changes

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<td>1</td>
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2. **How to use this Quickstart Guide**

Before you start to operate the PPU please read this Quickstart Guide carefully.

2.1. **Address and Support**

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- [www.dectris.com](http://www.dectris.com) → support → Technical Notes → PPU
- [www.dectris.com](http://www.dectris.com) → support → FAQ
- [www.dectris.com](http://www.dectris.com) → support → Problem Report

**Email:**
- support@dectris.com

Should you have questions concerning the system or its use, please contact us via phone, email or fax.

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⚠️ **Do not ship the system back before you receive the necessary transport and shipping information!**

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2.2. Disclaimer

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3. **PILATUS Processing Unit (PPU)**

3.1. **Daily Operation**

- After each user shift, please restart FURKA with a new user uid and gid, which changes the ownership of the copied data to this user:
  ```
  /etc/init.d/furka restart -u 500:501
  ```

- Check status and license information of FURKA and GRIMSEL:
  ```
  /etc/init.d/furka status
  /etc/init.d/grimsel status
  ```

- The following example shows how the directory structure of the data is replicated by FURKA and GRIMSEL:

  Let us assume the detector writes data to:
  ```
  <detector-server>://ramdisk/path/to/data
  ```

  If we set `source` to `/` and `target` to `/ramdisk./imgdir` FURKA appends the corresponding `uid_gid` of the user (e.g. 500_501 from example above) to `target` and data will appear on the PPU in:
  ```
  /ramdisk/./imgdir/uid_gid/path/to/data
  ```

  The `/./` in the target path is ignored by FURKA, however, GRIMSEL will use it as a starting point, which path information has to be replicated. In our example GRIMSEL will write the data to (`target = /data`):
  ```
  /data/./imgdir/uid_gid/path/to/data
  ```

- Configuration files can be found at:
  ```
  /etc/furka_dectris.conf
  /etc/grimsel_dectris.conf
  ```

- Log files can be found at:
  ```
  /var/log/furka_dectris.log
  /var/log/furka_dectris.log
  ```

- License files can be found at:
  ```
  /var/lib/furka/license.key
  /var/lib/grimsel/license.key
  ```