An STPA on OpenAPS: Linux in a medical device

- [https://openaps.org/](https://openaps.org/)
- [https://github.com/openaps](https://github.com/openaps)

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Source: [blood glucose graph picture was a screenshot from](https://www.youtube.com/watch?v=p76hGxv3-HE)
The OpenAPS project has maintained a good focus on safety.

There are a few parts that can be examined further for example: the way that dependencies are installed and the way that devices interact.
Reflection

What’s working?

● Open source enables sharing analysis
● Approx. 200 Loss Scenarios at level 1, 160 Loss Scenarios at level 2 and counting
● Workflow
● Top down approach
● Spreadsheet templates for structuring analysis
● Approach focused on systems with Linux as a component and takes context into account.

What’s next?

● Moving analysis into GitHub to open for wider review and open discussion
● Tracing and Level 3 analysis

Interested to help?

We welcome more people to join in and help review and add to our analysis.

https://github.com/elisa-tech/wg-medical-devices

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