Specification of Industrial Control Applications 02-May-2024 - Executive Summary

Up to 28 participants

Two presentations

- https://indico.cern.ch/event/1422813/
- Remote Operation Gateways
- Web Access and WinCC OA

Remote Operation Gateway

- New version of ROG, aka ROG9, will be put in production next month
- Currently there are ~20 nodes supporting ROG. In the future, the idea would be to rely on Kubernetes to dynamically scale the cluster.
- Thomas does not know if/how Wayland will be supported by FastX
- The discussion around the use of Wayland in ATS will start next year
- The FastX license is secured until 2029 (to be confirmed). IT only provides access to the RPM, BE-CSS is responsible for all the configuration and management
- At least until LS3, ssh through cs-ccr-dev machines will still be possible (not forced to use ROG)
  - But discussion on enabling 2FA for these machines will come in the near future

Web Access and WinCC OA

- WebComponent is not used by BE-CSS at the moment
  - Not a full fledge web framework
- Clarification between dashboard and Grafana
  - Dashboard is more flexible (custom widgets, faceplates) and access to live data
  - Grafana needs to pull data from archive