Beam Request Server Tasks

• Request synchronization PS/ADE/ELENA
• ELENA super-cycle editor
• Control cycling/not cycling – with beam/without beam
• Manage ELENA experiments requests
• Monitor ELENA fast deflectors
• Activate ELENA saving energy
• Manage REST request (beta release)
Beam Request Server Layout

- **BRS OP APP**
  - Full functionalities

- **BRS EXP APP**
  - Limited functionalities

- **BRS REST**
  - Limited functionalities

- **self-developed application**
Dear Experiments

Please, select your TAB and select which particles do you want to receive from ELENA.

Have a nice day.

AD/ELENA OP Team.
BRS EXP APP - ALL DEFLECTORS IN PATH OK
BRS EXP APP - ONE DEFLECTOR IN PATH NOK
BRS REST API (beta release)

- SET REQUEST
  - https://cs-ccr-logdev.cern.ch:7443/Brs_Final_Server/elena/brs/v1/alpha/request/{ALL,PBAR,HMINUS,NONE}

- WEB SOCKET
  - wss://cs-ccr-logdev.cern.ch:7443/Brs_Final_Server/elena/brs/v1/ws

- GET global requests status
  - https://cs-ccr-logdev.cern.ch:7443/Brs_Final_Server/elena/brs/v1/status

- GET experiment request status
  - https://cs-ccr-logdev.cern.ch:7443/Brs_Final_Server/elena/brs/v1/alpha/request
BRS REST API (beta release) – GET GBL STATUS
BRS REST API (beta release) – GET EXP STATUS