

# WP4.3 - Common Tools for Facilities QC: Data Management, Traceability & Activation Meas.

FERDINANDO GIORDANO – AIDAINNOVA FINAL ANNUAL MEETING (PRAGUE 2025)



#### Summary

- Short intro
- Change of site
- Implementation

## Introduction to needs

This is a small overview of all parameters and actions to be available to different type of users.





#### Deployment and facility dependent

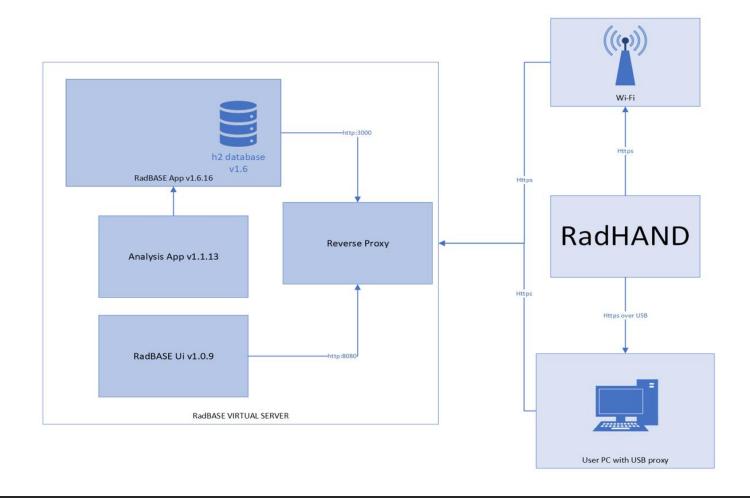
Since the start of AIDAInnova we have closely worked with various laboratories: ENEA, CERN and most recently Fermilab.

Some require user authentication, others database (DB)physics location, and so on.

Particularly cumbersome have been the procedures to connect the main RadHand device to the facilities local network and internet, since the demo DB is installed on CAEN servers in Viareggio.

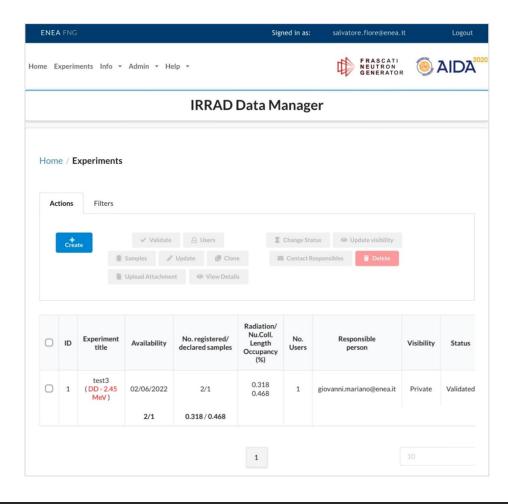


#### DataBase — RadHand connections



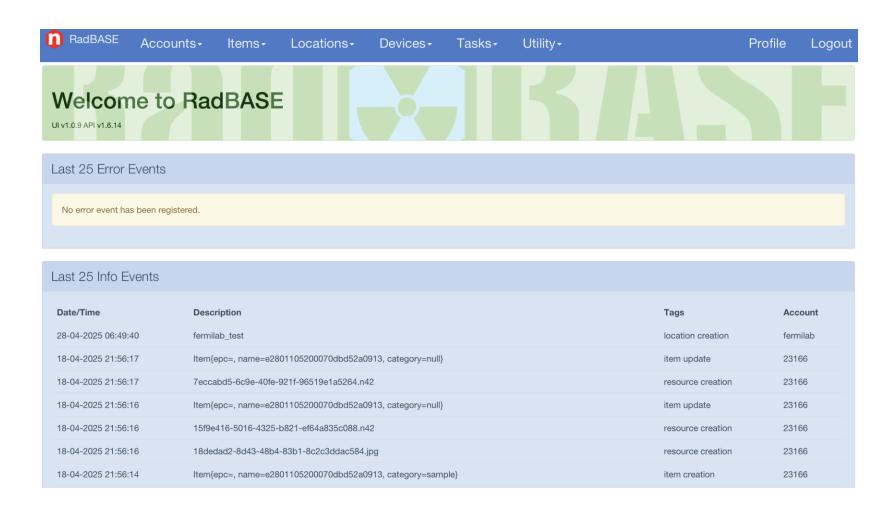


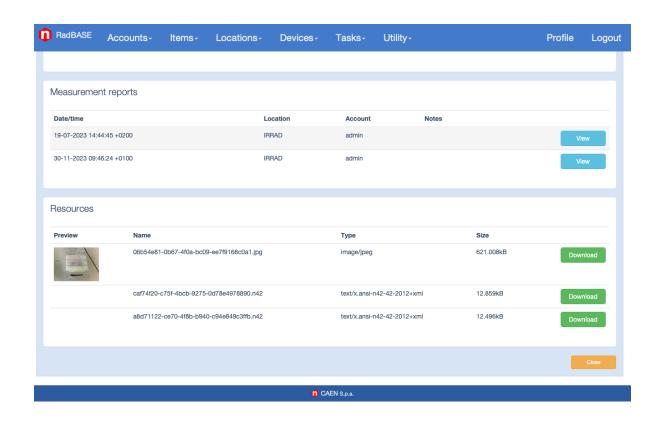
#### IRRAD Data Manager



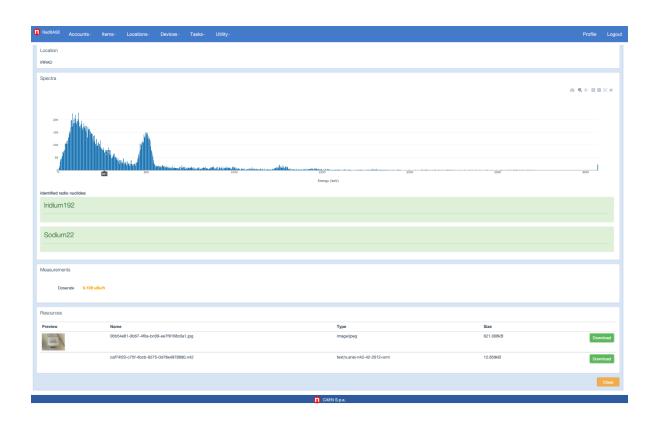


#### **CAEN DataBase**





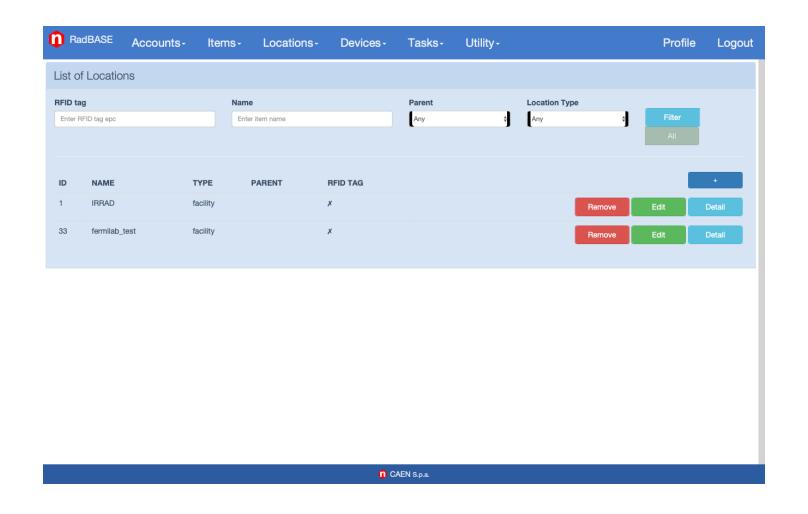
#### **DB** Item

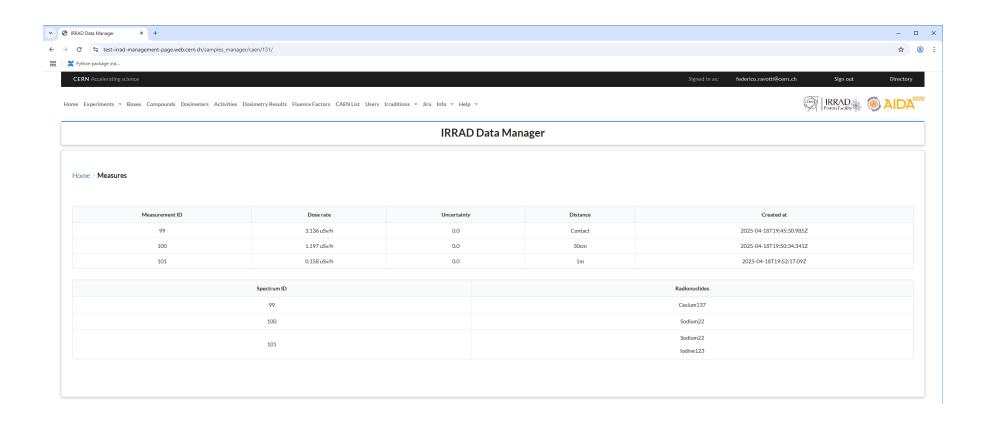


#### DB Measurment

#### **DB** Locations

We created two locations for our tests, IRRAD at CERN and then Fermilab.





## IRRAD Data Manager syncronization

DATA FROM CAEN-DB
HAS BEEN
SUCCESSFULLY
IMPORTED IN THE
IRRAD DATA MANAGER



#### Final test facility

The implementation is currently undergoing testing at the final demonstration site at Fermilab. The selection of this site was influenced by various changes that occurred since the initial proposal, where the final demonstration was anticipated to take place at ENEA-FNG.

Fortunately, we received assistance from our colleagues at Fermilab, who demonstrated genuine interest in our work package and decided to adopt our solution.



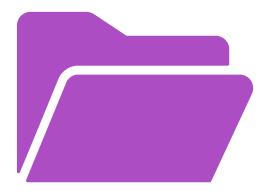
#### End of task activities

We are collaborating with Fermilab to further validate our platform. Testing is scheduled to conclude by summer, after which we will proceed with the drafting of deliverable 4.3 to ensure timely submission.

# Thank you for your attention



Any question/curiosity? Please write to Ferdinando.Giordano@caen.it



### Backup slides