



EUROPEAN
SPALLATION
SOURCE



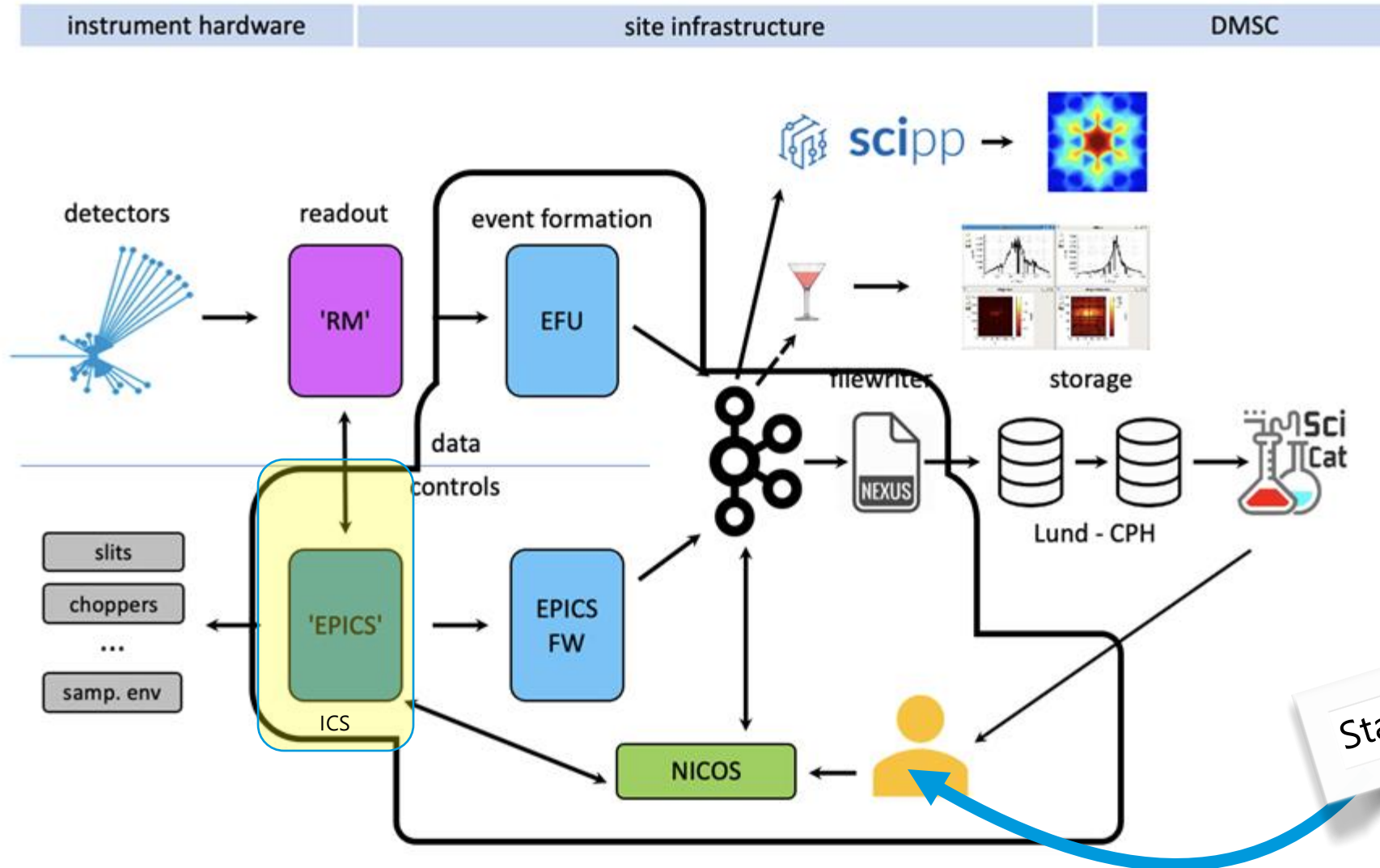
Experimental Control and Data Collection BIFROST TG5

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ECDC=ESS.NSS.H01.TBL.K02.[K01/K02]

System Definition

Complete ECDC delivery package



Status Report ECDC



=ESS.NSS.H01.TBL.K02

ECDC

All cases

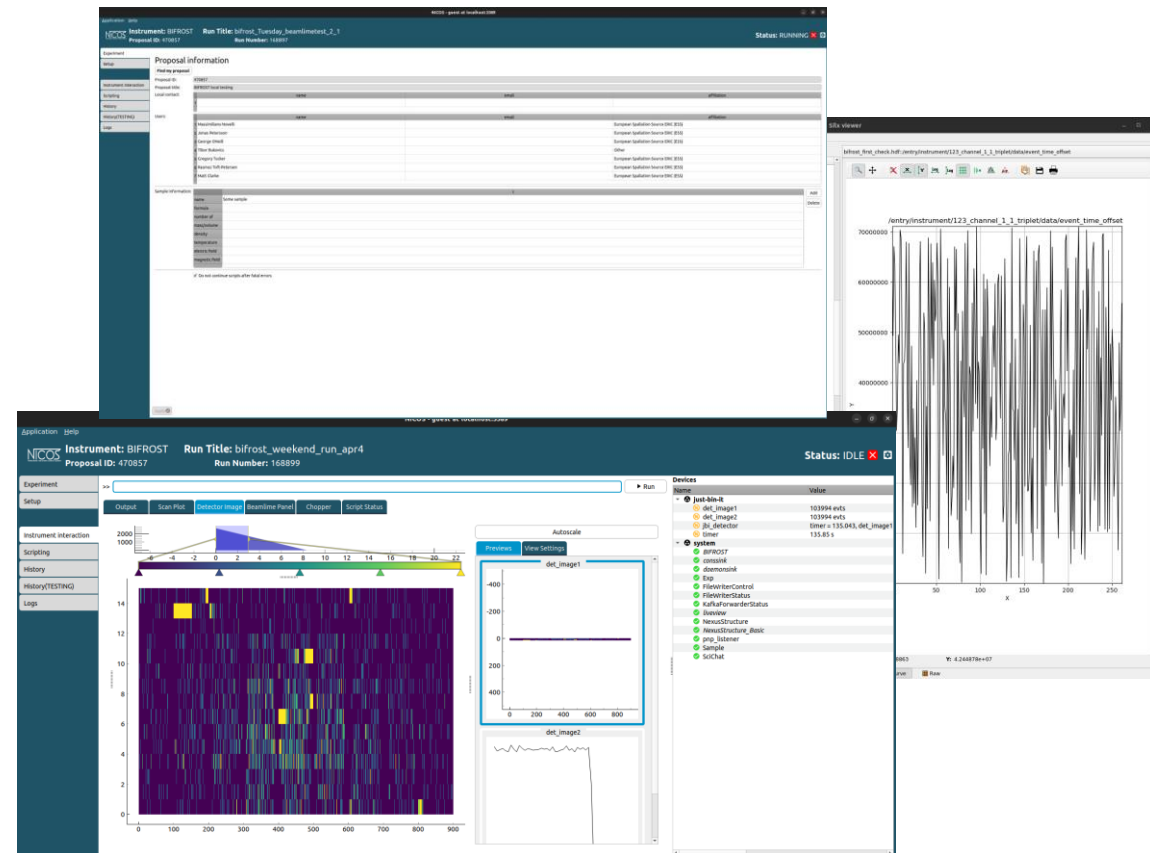


Type: Status report

Perspective: Overview

Principal responsibilities:

- **NICOS Integration and NeXus Data Recording**
 - **Support for Local SAT of every Technology Group**
 - **Support for Integrated Test with Instrument staff**
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- Present the current status
 - Delivered / Installed / Commissioned



Status Report ECDC

Commissioning Status



Focus: Commissioning Status

- Performance with respect to tests: **Pass**
- Main Issues (NCR/NIT)
 - NIT-275 BIFROST - implement sample environment and sensor IDs to be written in the nexus file
- For outstanding items
 - ECDC-4806 Synoptic Interface
- What are the Treatments
 - Develop the necessities feature
- When will they be fixed by before SRR/before BoT/before Ops (ie in hot comm)
 - Before BoT
- Are deferred test integrated into the hot com plan
 - N/A

Is the hardware ready for hot comm = **YES, READY FOR ALL THE FUTURE IMPROVEMENT**

Description	NIT	Status	Responsible
Beryllium Filter warning visibility	NIT-254, NIT-255	Testing and review	ECDC
Vacuum level visibility	NIT-256, NIT-257	Testing and review	ECDC
Additional control signals, additional signals written in NeXus files, and alarm visibility for cryostat and cryomagnet	NIT-267, NIT-268, NIT-269, NIT-270, NIT-271, NIT-272, NIT-273, NIT-274, NIT-275	To do	ECDC / MSPS (SE)
More descriptive pneumatic axes error message	NIT-234, NIT-253	In progress	ECDC / ICS WP12

Hot commissioning ECDC



Supporting activities from instrument hotComm plan

- **Related to ESS-0265776**

Operating & Maintenance manuals

- **ESS-5706535 - NICOS Operation Manual**

Challenges ?

- **To discover new feature along the way**

Resources required

- **½ FTE Peak load**

Out of hours

- **As needed**

Source: hot com plan (BiFrost)

