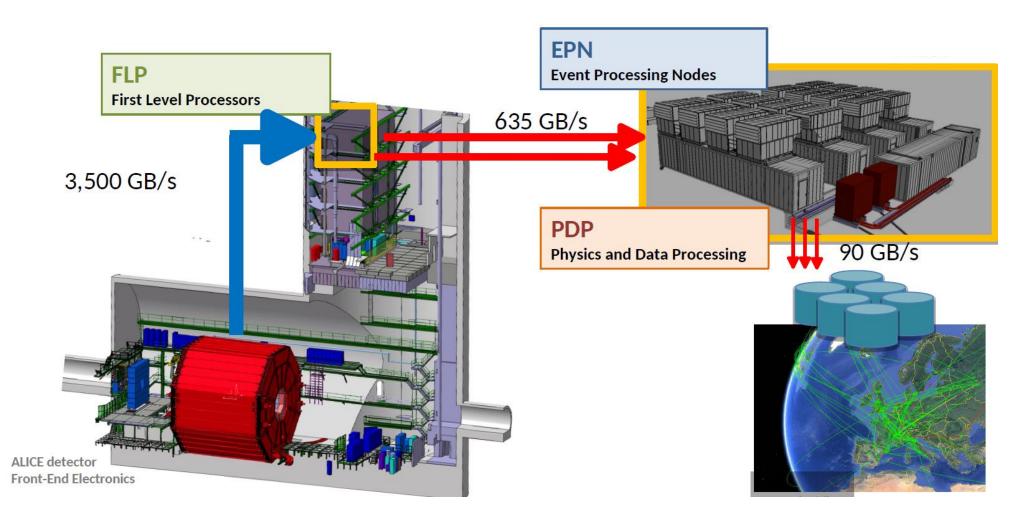


ALICE O²/FLP project

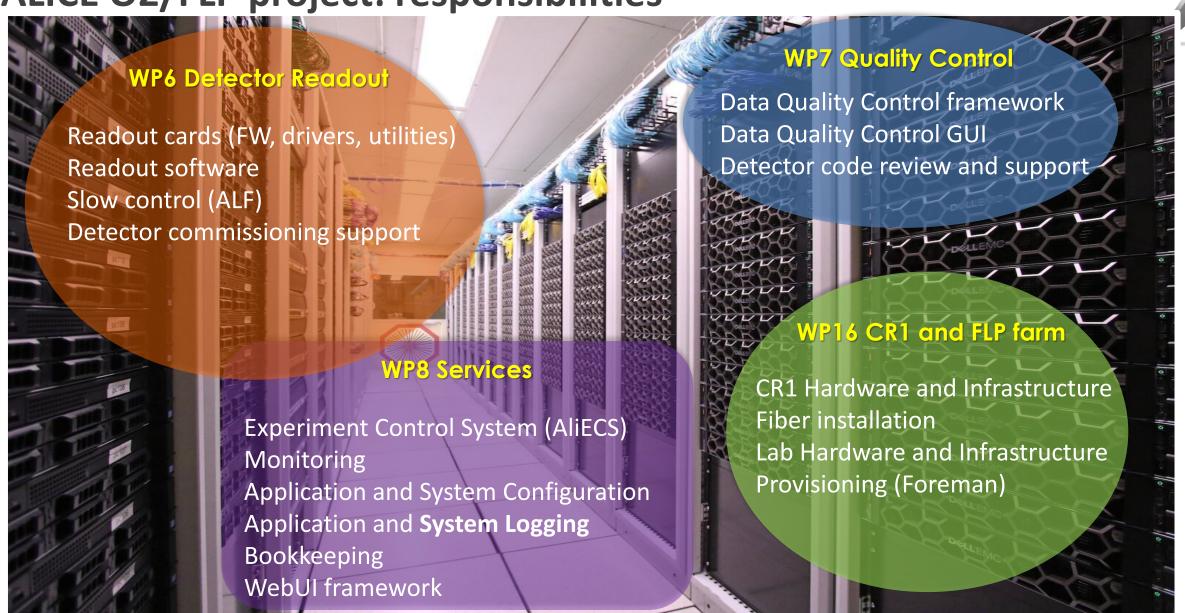
Vasco Barroso on behalf of the O²/FLP project

ALICE O² computing system





ALICE O2/FLP project: responsibilities



Assigned to KMUTT

Product Vision

VISION

Extract useful information from system and services logs in the ALICE O2 farm

TARGET GROUP	NEEDS	PRODUCT	BUSINESS GOALS
System administrators Software developers	Access in a single place all relevant system log information.	Dashboards for browsing and searching system logs.	Speed up post mortem analysis by system experts.
Oncall experts	Produce reports for operational teams.	Integration with monitoring system for alarm injection.	Extract new insights from log data to increase operational efficiency.
	events/behaviors and generate alarms.	Integration with infoLogger for application logs.	Use as much as possible standard and readily available open-source tools.

Assigned to KMUTT



Product Vision

VISION

Extract useful information from system and services logs in the ALICE O2 farm

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System administrators	Access in a single place all relevant system log	Dashboards for browsing and searching system	Speed up post mortem analysis by system
Software developers	information.	logs.	experts.
Oncall experts	Produce reports for	Integration with	Extract new insights
	operational teams.	monitoring system for alarm injection.	from log data to increase operational efficiency.
	Identify abnormal	,	
	events/behaviors and	Integration with	Use as much as possible
	generate alarms.	infoLogger for application	standard and readily available open-source
		logs.	tools.



Assigned to KMUTT

Product Vision

VISION

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KMUTT's main interest was in Al/big data/ML



Assigned to KMUTT

Product Vision

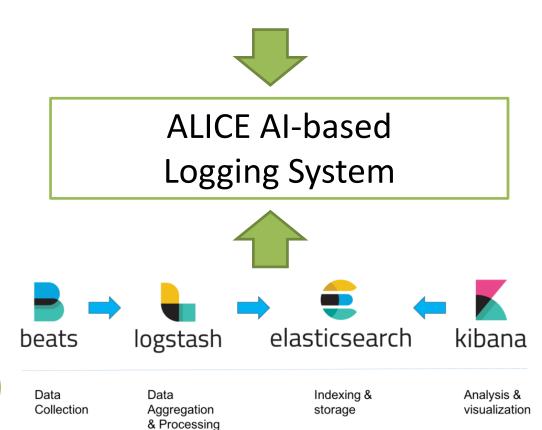
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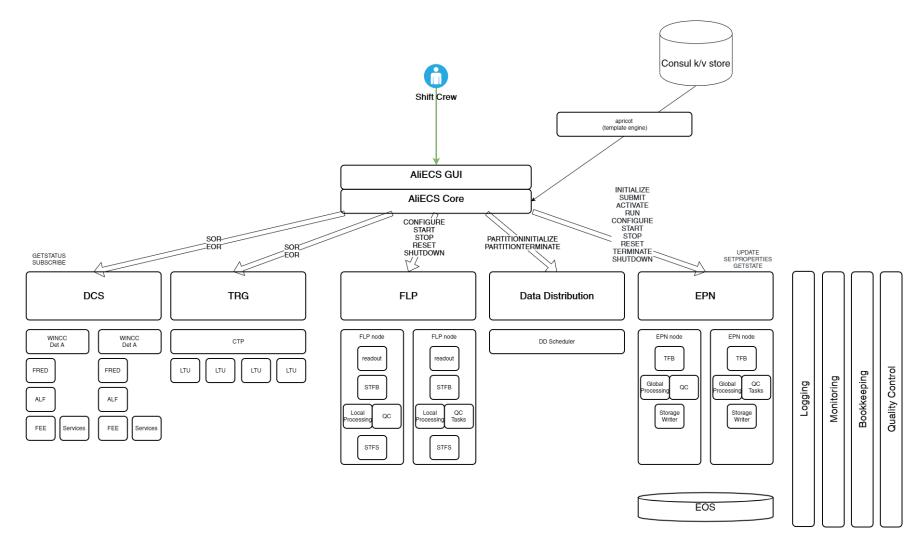
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ALICE O2/FLP project

Ongoing/Upcoming challenges

- ☐ Integration
 - ☐ Control
 - **□** Configuration
 - Logging
 - Monitoring
 - Bookkeeping





ALICE O2/FLP project

Ongoing/Upcoming challenges

- ☐ Global commissioning
 - ☐ Migrate from system operated by experts to system operated by non-experts
 - ☐ Migrate to final central servers for services ☐ Shared by all detectors
 - Documentation
 - ☐ Oncall support
 - ☐ Shifter training
 - ☐ Migrate to new OS





