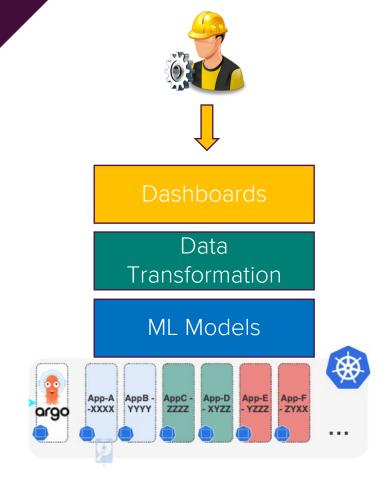




Platform Goal



REDACTED FOR COMPLIANCTE REASONS

Yebia What We Found

- No Common Git Strategy defined
- No CI/CD common practices
- o Troublesome on-boarding of new apps due to a lack of guidance, templates or blueprints
- o Unstructured way of managing apps using not-conforming K8S YAML definitions
- Manual and repetitive operational tasks (Human error-proned)
- o DS/DE with limited knowledge on K8S leading to dissatisfaction/frustration
- No Internal Developer Platform (IDP) for tests and experimentations
- Constrained K3S platform based on single-nodes (not-scalable)
- Frictions between Data Science and IT/Infra



Breaking Down the Challenge







- Innovation
- Agile process
- Experimentation
- Limited SW Dev Background









- Burocratic Process
- Painful Approval Chain
- Compliance Rules to Attain
- Lack of Sense of Purpose







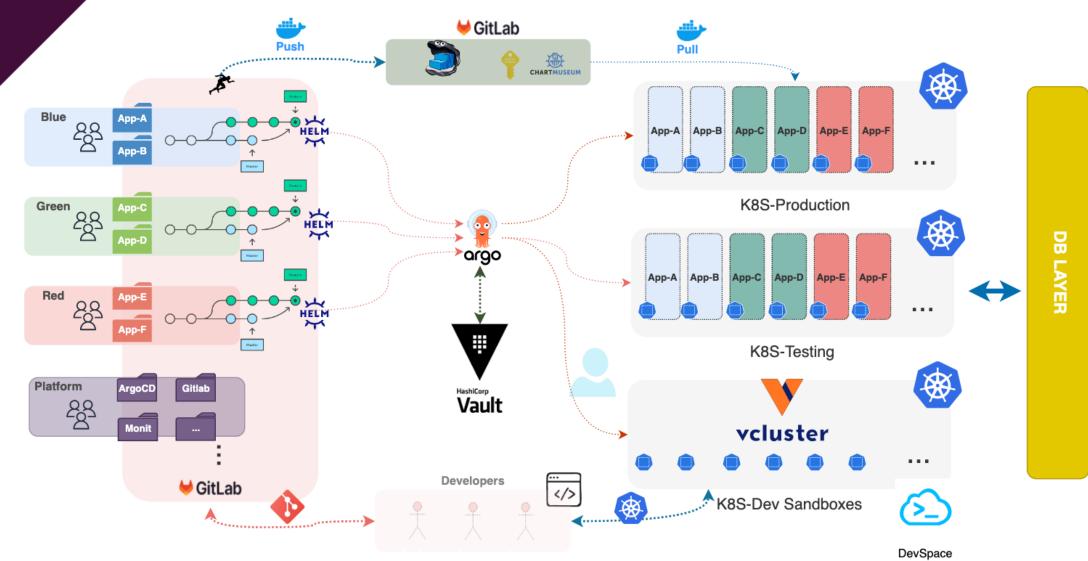
Challenge

How to building a Platform on top of a controlled infra that could be consumed by limited skilled users with the least cognitive load as possible?

How to create a self-service app platform using automated process, being at the same time flexible and compliant?

Xebia

Platform HLD





ebia Project Progress



e	Exploration	Key initiatives	PoT (Proof of Technology)	PoC (Proof of Concept)
Phas	2 weeks	1 week	2-4 weeks	?
Goals	Establish and structure the existing platform development strategy, architecture, and way of working. Build a 360° perspective, including challenges and opportunities given the organization's strategy/initiatives.	Define and discuss key decisions, recommendations, implementation themes, and implications. Decide on the key initiatives required to meet the ambitions.	Validate the feasibility of the proposed technologies (partial stack) and their integration to address the mapped challenges, which outputs are relevant for future actions.	Deployment a scenario for validation purposes on top of the current platform and using an existent application as a reference setup. This scenario will be used as guideline for onboarding apps and teams.
	Organize & plan (engagement execution alignment meeting) Interviews	Key initiatives Preps (Boards, Diagrams, Comparisons, Illustrative Materials,)	Screening Plan (Pick the tools and integrations for which validation are required)	Resources Provisioning (Request and delivery of resources required and found as output from the PoT phase)
	Research current context (desk study)	Key initiatives session (presentation, Q&A, discussion of next steps)	PoT Actions and Outputs (Conduct test and validation tasks to assess proposed tools/integrations and respective dependencies/ requirements.	Setup Delivery (Roll out the PoC platform and to be proven and tested by the actors.



Learnings so far...

- For some orgs, on-prem is still a reality, hence our toolbelt must be prepared for that
- Go against compliance and process is a pointless approach. Reach out to internal
 people who knows the orgs best and can facilitate things up
- Establish **regular and direct communication** channels with all the stakeholders. People need to be informed about achievements and blockers
- Moderate the "tone" based on the recipient
- Engineering is commodity. What matters is the value we add to the customer
- Be part of the customer's team



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