



VISA status report @ ALBA

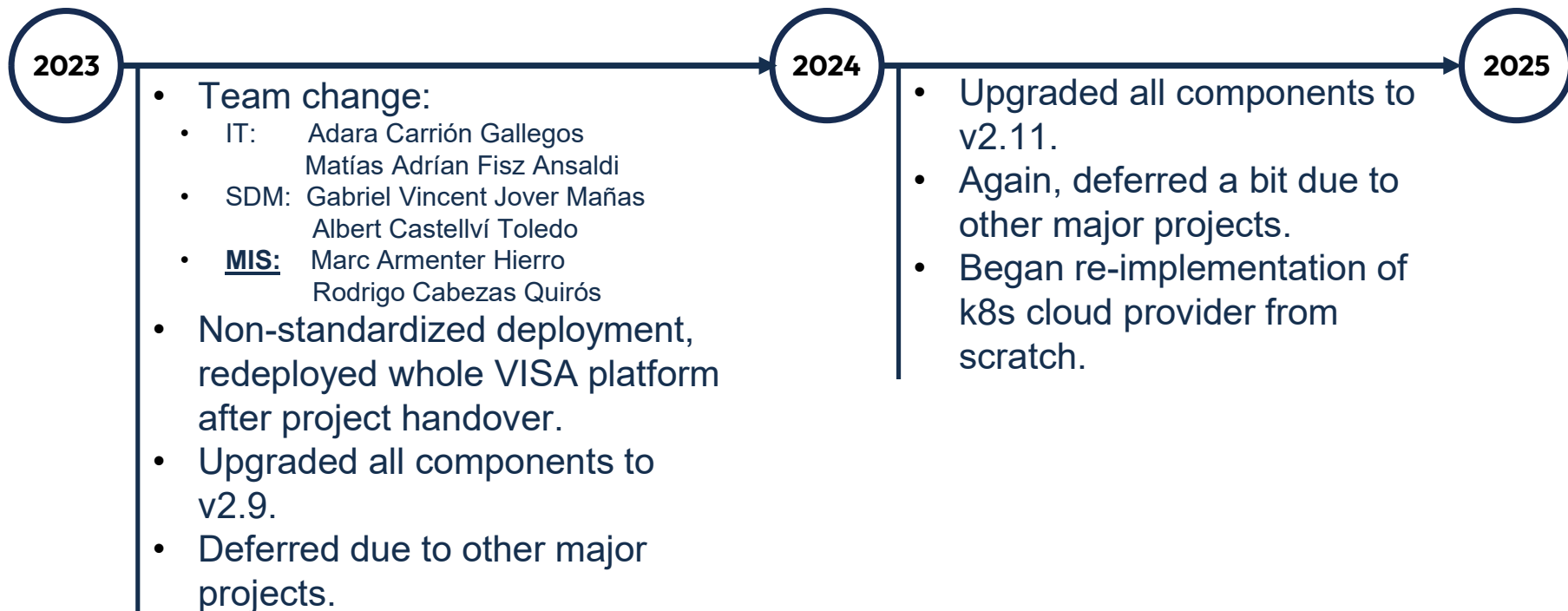
Rodrigo Cabezas Quirós



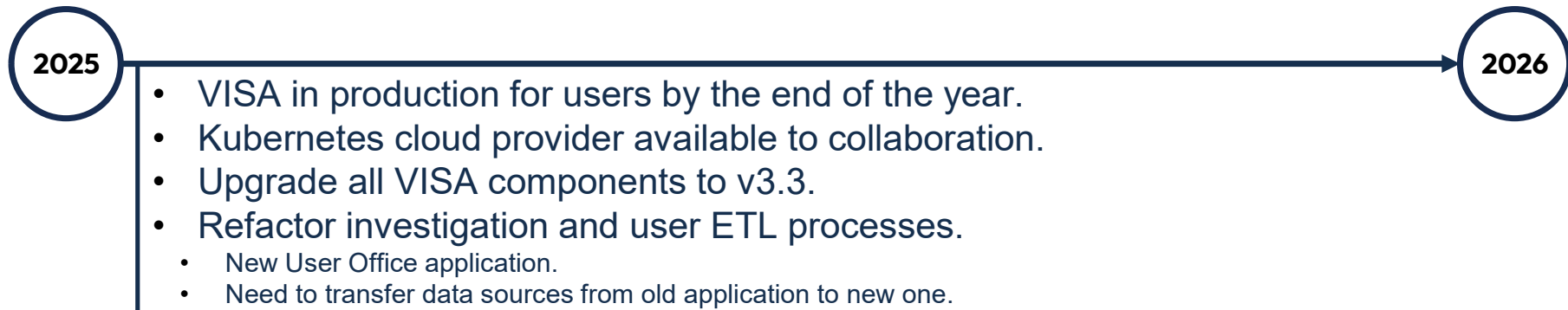
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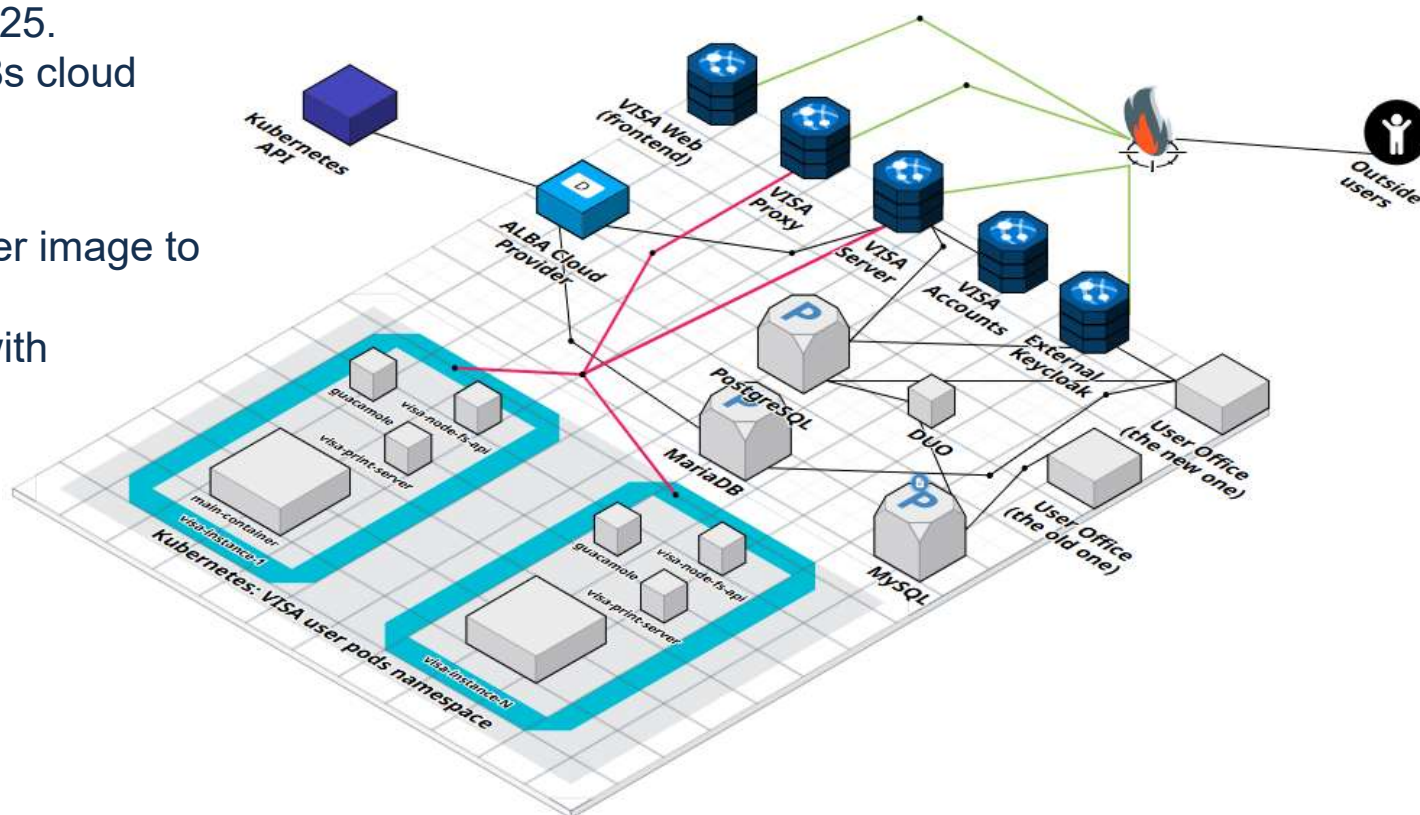
Timeline




Timeline

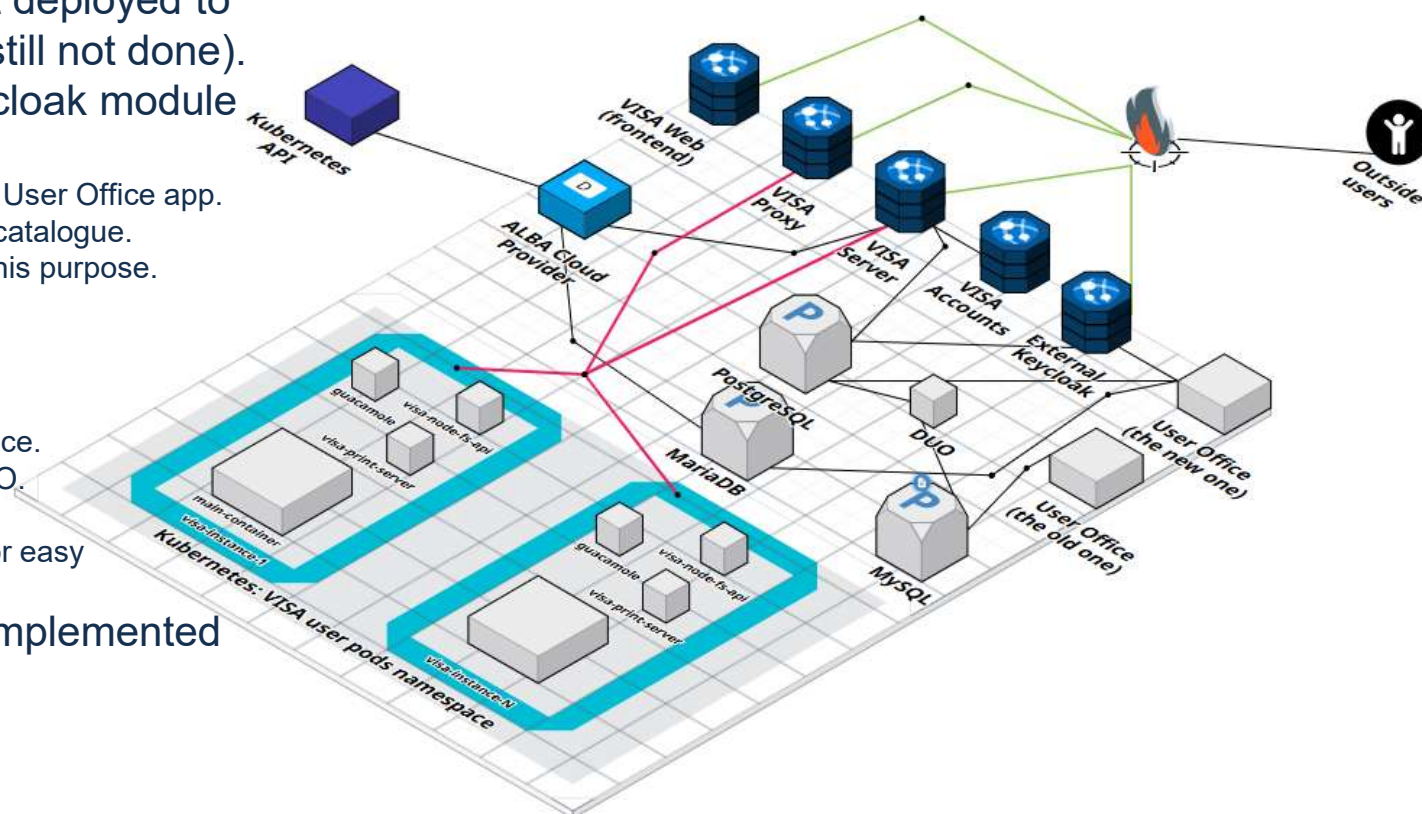


- Getting VISA ready for production availability by the end of 2025.
- Finishing touches on the k8s cloud provider:
 - Testing, testing, and more testing.
 - Add integration testing.
- Working on a base container image to use as template.
- Keeping repos up to date with originals from VISA.

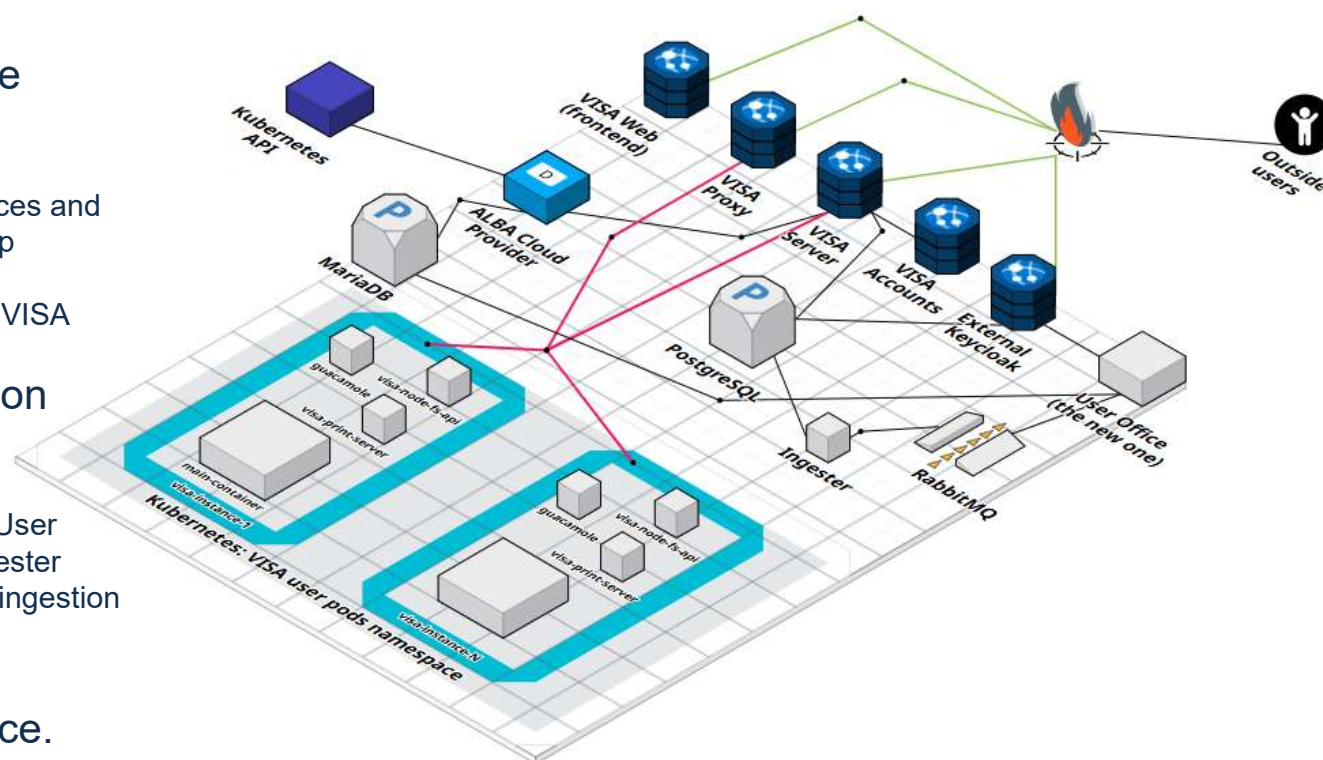


Current status

- VISA components still not deployed to the outside (sec. checks still not done).
 - Running custom SPI Keycloak module for user federation.
 - Users will access VISA with their User Office app. credentials. Same thing for data catalogue.
 - Separate Keycloak instance for this purpose.
 - User and investigations synchronization:
 - Ongoing User Office migration.
 - Users synced from new User Office.
 - Investigations synced from old UO.
 - Sync done via cron.
 - Small REST API named 'DUO' for easy interfacing with old User Office.
 - Security Groups service implemented inside k8s cloud provider.
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- VISA publicly available for users in production.
- Run heavy security check before publication:
 - Typical security checks.
 - Ensure instance isolation between instances and other services hosted in the cluster (set up appropriate k8s NetworkPolicies).
 - Review proper sandboxing of k8s hosted VISA instances.
- Changes to user and investigation sync.
 - Remove all ETL crons.
 - Async synchronization directly from new User Office through a message queue and ingester (reusing component from data catalogue ingestion pipeline).
- Build production images.
- Update VISA docs of our instance.





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