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# SciCatCON Meeting 2024

## MAX IV - Facility Update

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# Previously - Last year

- New backend in place
- System integrated on almost all beamlines
- Available but not widely used
- Some features still missing
- Ingestion sometimes unstable

# Current Year Status



# Today - Current year

## Problematics:

- Difficult year
- Backend migration a bit rushed
- Change in the MAX IV SciCat team
- Slight lack of time/resources

# Today - Current year

## Improvements:

- Several improvement in the Kubernetes deployment
  - Improved stability
  - More reliable
  - Better resource management
- More streamlined deployments and upgrades

# Today - Current year

## Improvements:

- Completed the migration of additional services:
  - search-api
  - DOI publications and editing
- Improved ingestion (SciCow)
  - Partially rewritten
  - Improved stability
  - Better error handling
  - More trustable for Staff and Users

# Today - Current year

## Improvements:

- Improvement in the whole SciZoo stack
  - Focus on stability
  - Usability
- General reliability push
- Slowly improving Beamline Staff interest
  - Main point in not disrupting operation

# Today - Current year

## Achievements:

- Reached 467000 datasets
- General usage and interest still increasing
- All beamlines have SciCat integration available
- Minimal downtimes
  - Mostly related to 3rd services



# Future



# Tomorrow - Future

Internally:

- Further improve ingestion process
- Improve existing tools for better flexibility
- Keep pushing for greater Beamline Staff adoption
- Help in integrating the tools into standard operation

# Tomorrow - Future

SciCat:

- More involvement in the collaboration
- Push the use of SciCat and DOI for publications
  
- More ????