

## TVD («BDTA») Renewal Exchange with users

08.03.2023

# Agenda

- 1) General information about the TVD renewal (TSTU / SREB)
- 2) Information about the AnimalTracing renewal (TARN)
- 3) Questions and first feedbacks
- 4) Next steps (TARN)

# TVD Renewal

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Thomas Studer, Product Owner TVD und Stefan Rebsamen, Software Entwickler /  
Architekt

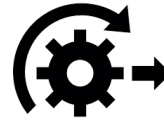
# Objectives of the TVD renewal



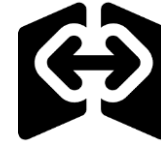
**Added values  
for users**



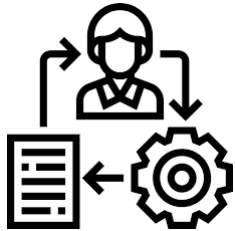
**Increased  
flexibility**



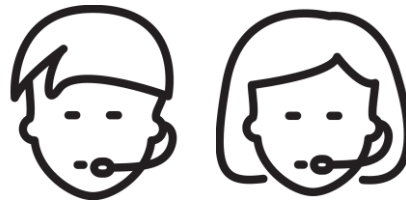
**Capability to  
evolve**



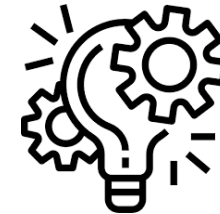
**Data exchange**



**Efficient business  
processes**

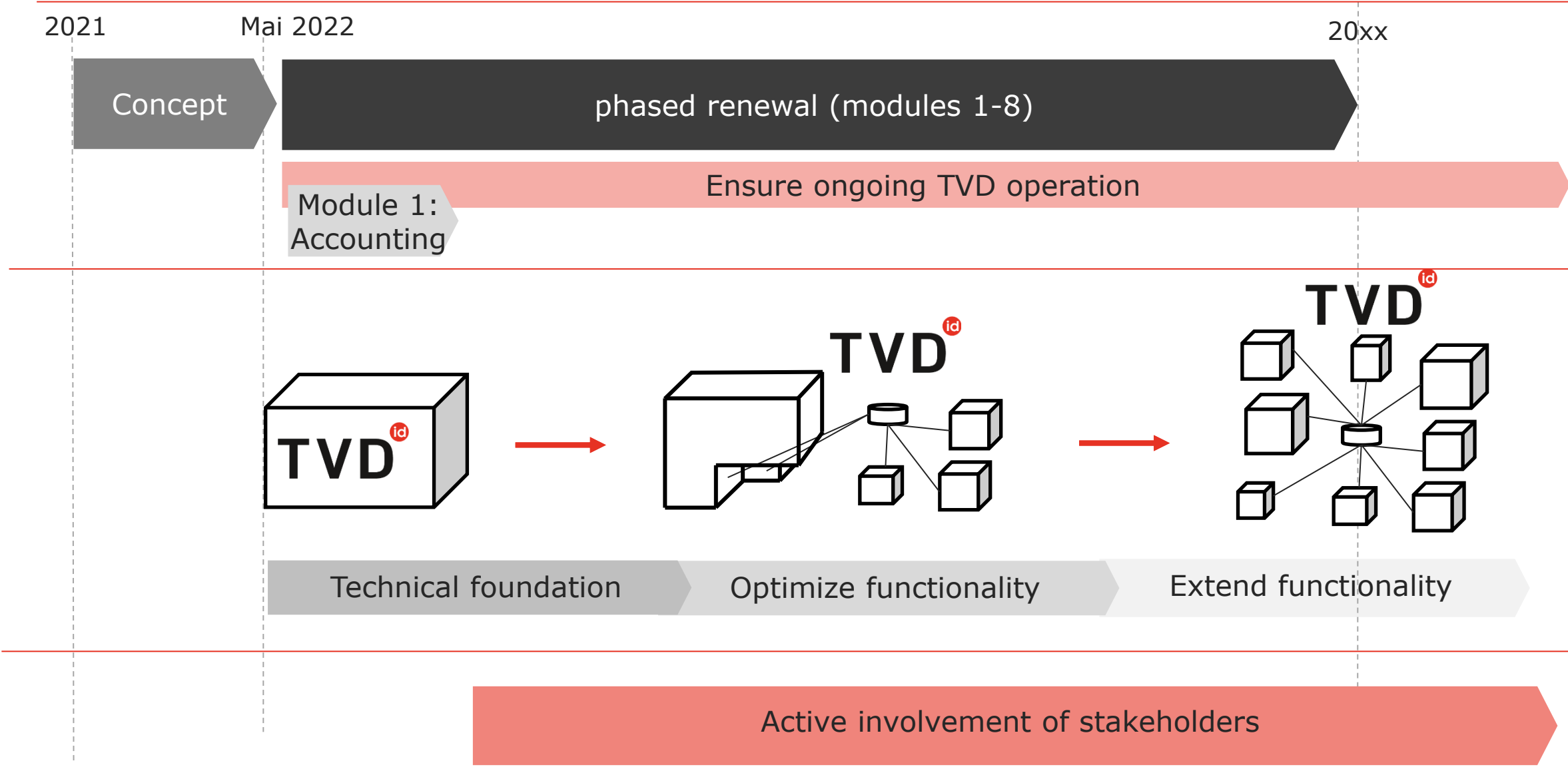


**Reduced customer  
support efforts**

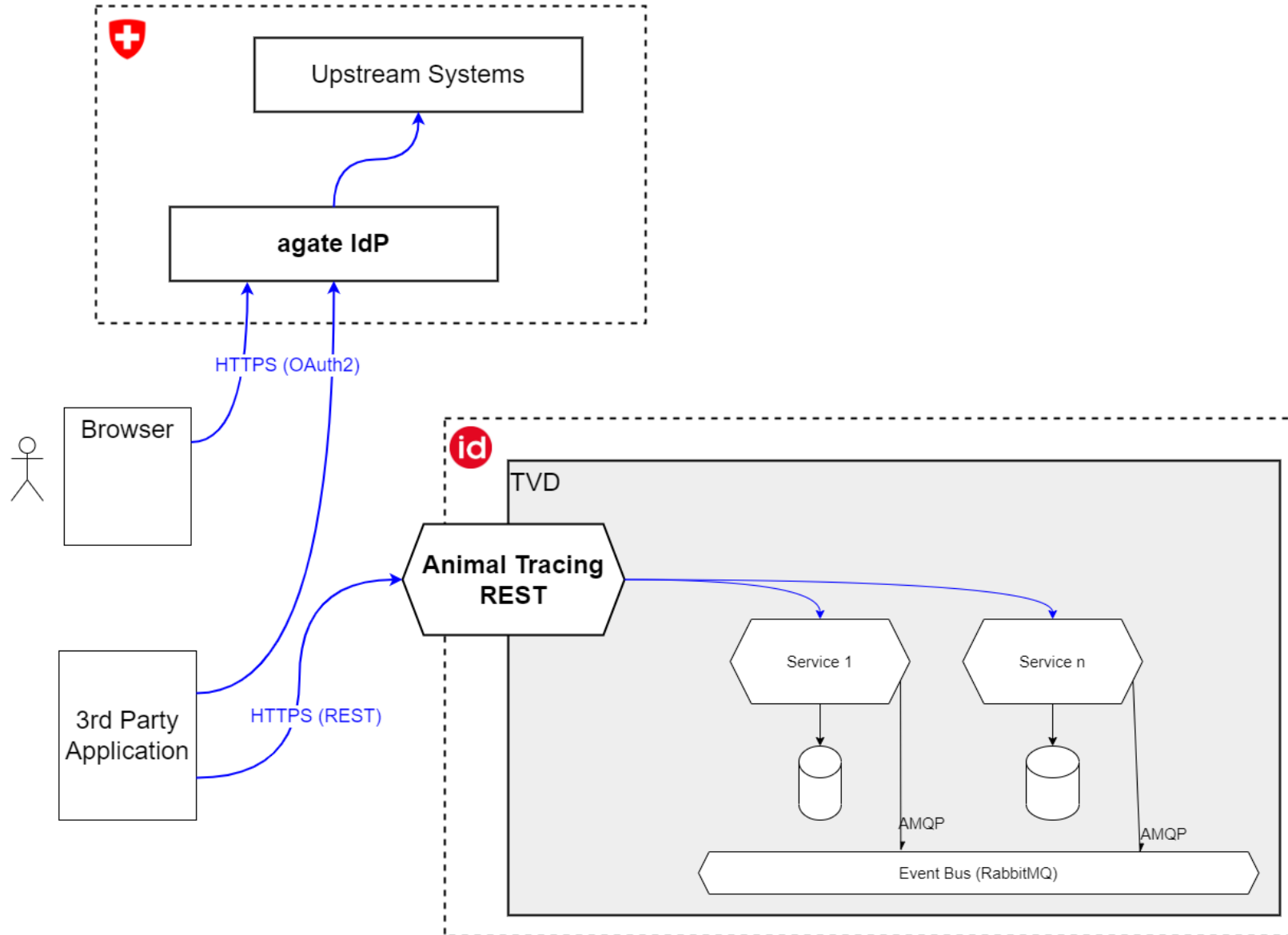


**Technology  
renewal**

# How to we want to renew TVD?



# Target Architecture



# AnimalTracing Renewal

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Thomas Arn, Product Owner AnimalTracing

# Basic information about AnimalTracing

- Basic philosophy: Identitas AG provides electronic interfaces for data exchange between TVD and other information systems (IdTVD-V Art. 40 paragraph 1)
- Cost-benefit considerations from the point of view of the fee payers

→ Planned future handling: prioritization of operations according to demand / importance, i.e. not all functionalities are provided by default via AT

- Performance assurance is a challenge, also in the renewed TVD
  - Consulting by Identitas AG to make the data exchange as efficient as possible in the interest of all parties
  - Use of more granular operations



# Key points for the renewal of AnimalTracing (1)

- Renewal takes place gradually over several years
  - Renewal by subject domain (and genus), i.e. AT operations are not renewed in 1 block → Coexistence of old (SOAP) and new interface (REST)
- Renewed calls:
  - AnimalTracing/4, REST with OAuth and JSON (**no SAML** / no XML anymore)
  - Authorization: Exchange Agate token with own AT token enriched with further attributes, e.g. WorkingFocus
  - Existing large operations (e.g. GetCattleDetailV4) will be split up into several smaller ones → avoid / reduce overfetching
  - Online specification: Swagger / OpenAPI v3
  - Additional online documents specify only what is not already in the Swagger docs (e.g. authentication, general behavior, overview tables).

# Key points for the renewal of AnimalTracing (2)

- Planned discontinuation policy
  - SOAP operations are no longer supported after renewal
  - For the new operations we will also revise their attributes
    - which attributes must still be present in the new operations?
  - Discontinuation announcement as early as possible, short transition periods (SOAP and REST operations are offered in parallel) → Discontinuation announcement 6 months before retirement of the old calls (by mail to licensee)
  - Early availability on test environment
    - Interested parties can register in a mailing list

# Discontinuation of unused calls

- Our analyses show that there is a relatively large number of existing AT calls (approx. 40% of the calls) that have not been used at all in the last 8 months
- It is planned to discontinue these calls, i.e. not to maintain and further develop them and not to offer them in AT/4 (unless there is a demand for them).

# Unused operations in AT

CheckCattleForDisposalContribution, CheckGoatDisposalContribution, CheckSheepDisposalContribution, CreateGoatPaperAccompanyingDocument, DeleteAnimalHusbandryMemberships, DeleteGoatNotifications, DeleteSheepNotifications, DisableDataAccess, EnableDataAccess, GetAnimalHusbandryTypeOfUse, GetCattleHistoryV2, GetCattlePossibleSGFather, GetCattleStatus, GetEquidOwnershipList, GetEquidSlaughterList, GetEquidsWithNotificationsOfMO, GetGoatByLeavingDate, GetGoatEartagsInStock, GetGoatTypeOfUseBatch, GetPersonIdentifiers, GetPigArrivalNotificationForBreedingOrganisation, GetPoultryBarnInNotifications, GetSheepByLeavingDate, GetSheepEartagsInStock, GetSheepTypeOfUseBatch, GetSmallAnimalSlaughterList, WriteAnimalClassificationNotification, WriteCattleImportAfterExportNotification, WriteCattleSlaughterBatchNotification, WriteCattleSlaughterBatchNotificationV2, WriteEquidAcquireOwnershipNotification, WriteEquidBasicDataNotification, WriteEquidBirthNotification, WriteEquidCastrationNotification, WriteEquidCedeOwnershipNotification, WriteEquidDeathNotification, WriteEquidImportAfterExportNotification, WriteEquidImportNotification, WriteEquidMembershipOrganisationsNotification, WriteEquidNewChipNotification, WriteEquidPassIssuerPermissionNotification, WriteEquidRelocationNotification, WriteEquidTypeOfUseNotification, WriteEquidWithersClassNotification, WriteGoatArrivalBatchNotification, WriteGoatArrivalBatchNotificationV2, WriteGoatBirthNotificationV2, WriteGoatDaystayBatchNotification, WriteGoatDaystayBatchNotificationV2, WriteGoatExportBatchNotification, WriteGoatImportAfterExportBatchNotification, WriteGoatLeavingBatchNotificationV2, WriteGoatOnFarmSlaughterBatchNotification, WriteGoatTypeOfUseBatchNotification, WritePigSlaughterMovement, WritePoultryBarnInNotification, WritePoultrySlaughterNotification, WriteReplacementBatchEarTagOrder, WriteSheepArrivalBatchNotificationV2, WriteSheepBirthNotificationV2, WriteSheepDaystayBatchNotification, WriteSheepDaystayBatchNotificationV2, WriteSheepExportBatchNotification, WriteSheepImportAfterExportBatchNotification, WriteSheepLeavingBatchNotificationV2, WriteSheepOnFarmSlaughterBatchNotification, WriteSheepTypeOfUseBatchNotification

# Information on AnimalTracing contracts

- All existing XML contracts with the FOAG («OFAG») must be replaced by interface contracts with Identitas («Contrat de licence pour interfaces»)
- The FOAG has already terminated these contracts
- The new interface contracts with Identitas have been sent out and some of them have already been signed and returned.
- Those who already have a new interface contract with Identitas do not need to adapt it for the new AnimalTracing/4 web service.

# Outlook on first implementation package

- **Ordering** is the expected next implementation project of the TVD renewal program.
- AT operations likely to be affected:
  - Ordering / Eartag
    - WriteNewEartagOrder, WriteNewLabelEartagOrderV2,  
WriteReplacementEartagOrder,  
DeleteEartagOrder, DeleteLabelEartagOrderV2  
GetEarTagOrders, GetLabelEartagOrdersV2  
evtl. GetCattleEarTags, GetGoatEartagsInStock, GetSheepEartagsInStock
  - Core data
    - GetCodes, GetEnumeration, GetEnumerationTypes, Version  
→ These operations will continue to be available via SOAP as well

# Information und Communication

- [www.identitas.ch](http://www.identitas.ch) > Produkte > AnimalTracing
  - Webservice description
  - Webservice specification
  - Permissions matrix
  - Slides of this presentation
- AnimalTracing Forum (?)
  - Feature Requests with Voting
  - Bug Reports
- E-mail distribution list «AnimalTracing/4»
  - Announcement of new REST operations on the TEST environment
- [animaltracing@identitas.ch](mailto:animaltracing@identitas.ch)
  - All other concerns

# Questions and first feedbacks

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# Questions / feedbacks

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# Next steps

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# Next steps

- We kindly ask you to send us your feedbacks via a prepared online survey (in French) until 22.03.2023:  
<https://de.surveymonkey.com/r/Z3RBPDB>
- We will inform you in an appropriate form about the results of the survey and subsequently make first call discontinuation announcements

**As a reminder:** **At the end of March 2023**, the old AnimalTracing URLs will be shut down and only the new URLs below will continue to work:

- PROD
  - Endpoint: <https://wsg.isceco.admin.ch/Livestock/AnimalTracing/2>  
WSDL: <https://wsg.isceco.admin.ch/Livestock/AnimalTracingWSDL/2>
  - Endpoint: <https://wsg.isceco.admin.ch/Livestock/AnimalTracing/3>  
WSDL: <https://wsg.isceco.admin.ch/Livestock/AnimalTracingWSDL/3>
- TEST
  - Endpoint: <https://wsg-in.isceco.admin.ch/Livestock/AnimalTracing/2>  
WSDL: <https://wsg-in.isceco.admin.ch/Livestock/AnimalTracingWSDL/2>
  - Endpoint: <https://wsg-in.isceco.admin.ch/Livestock/AnimalTracing/3>  
WSDL: <https://wsg-in.isceco.admin.ch/Livestock/AnimalTracingWSDL/3>



Thank you for your attention!

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