

agridata.ch

ROLES

Data consumer and application operator



Data consumer

- Organization that wants to use the data
- Creates the data request and defined the purpose of data use
- Contracting party with the data provider (Identitas)
- Receives consents from data producers



Application operator

- Runs the application that fetches the data
- Owns the integration with agridata.ch
- May be the same entity as the data consumer

OVERVIEW

Five typical starting situations today

A	B	C	D	E
				
TVD web application	Third-party application	Direct API access	On behalf of an organization	Manual delivery
Data consumer's employee logs in to the TVD application.	Data consumer's employee logs in to a third-party application.	Data consumer calls the Identitas API directly (M2M).	Application operator fetches data on behalf of the data consumer.	Data is delivered by email as Excel or PDF from Identitas.

CASE A

Login to the TVD web application

TODAY

An employee of the data consumer logs in to the TVD web application.

TVD checks authorization internally and serves data of the relevant data producers.

WITH AGRIDATA.CH

TVD login stays the same.

TVD continues to call its own API directly. But for every data access it now checks the contract and consent status at agridata.ch before serving data.

REQUIRED ACTIONS



Data consumer

- Onboarding at agridata.ch
- A company admin must grant permissions to their employees in the TVD application (as is already the case today)



Application operator

Not applicable — TVD is the application here. Identitas has already implemented the integration with agridata.ch.

CASE B

Login to a third-party application

TODAY

The data consumer's employee logs in to a third-party application. The application calls the Identitas API. The identity of the logged-in user is propagated to the API.

WITH AGRIDATA.CH

The application now calls the agridata.ch API instead of the Identitas API. The identity of the logged-in user is propagated to agridata.ch.

agridata.ch checks contract and consent, forwards the request to Identitas, and returns the response unchanged.

REQUIRED ACTIONS



Data consumer

- Onboarding at agridata.ch
- A company admin must grant permissions to their employees in the TVD application (as is already the case today)



Application operator

- Extend the Agate client with the “agridata-backend” audience
- Integrate the agridata.ch API

CASE C

Direct API access (M2M)

TODAY

The data consumer accesses the Identitas API directly with a technical account.

WITH AGRIDATA.CH

The data consumer now calls the agridata.ch API — using a new technical account.

agridata.ch checks contract and consent, forwards the request to Identitas, and returns the response unchanged.

REQUIRED ACTIONS



Data consumer (= Application operator)

- Onboarding at agridata.ch
- Request and use new technical account
- Integrate the agridata.ch API



Application operator

Not applicable — the data consumer is also the application operator here.

CASE D

Application operator on behalf of an organization

TODAY

An application operator fetches data on behalf of an organization, today often using shared technical credentials.

WITH AGRIDATA.CH

The data consumer receives a technical account (like in case C) but hands it over to the application operator. The application operator then calls the agridata.ch API on behalf of the data consumer. agridata.ch checks contract and consent, forwards the request to Identitas, and returns the response unchanged.

REQUIRED ACTIONS



Data consumer

- Onboarding at agridata.ch
- Request new technical account and hand it over to the application operator



Application operator

- Take over and use the technical account
- Integrate the agridata.ch API

CASE E

Manual data delivery (Excel / PDF)

TODAY

The data consumer requests data deliveries from Identitas (e.g. by email) and receives them as Excel, PDF or similar.

WITH AGRIDATA.CH

The delivery channel stays the same (Excel / PDF / email).

Before every manual delivery, Identitas checks in agridata.ch whether a valid contract and the required consents are in place.

REQUIRED ACTIONS



Data consumer

- Onboarding at agridata.ch



Application operator

Not applicable — there is no separate application.

OVERVIEW

At a glance — what needs to be done?

Case	Starting situation	Auth method	Data consumer	Application operator
A	Login to TVD web application	TVD login (unchanged)	- Onboarding at agridata.ch - Authorize employees in TVD	— <i>(Identitas has integrated)</i>
B	Login to third-party app	OAuth Authorization Code	- Onboarding at agridata.ch - Authorize employees in TVD	- Extend jwt audience - API Integration
C	Direct API access (M2M)	OAuth Client Credentials	- Onboarding at agridata.ch - New technical account - API Integration	— <i>(consumer is also operator)</i>
D	On behalf of an organization	OAuth Client Credentials	- Onboarding at agridata.ch - Request and hand over technical account	- Use the technical account - API Integration
E	Manual delivery (email)	none	Onboarding at agridata.ch	— <i>(no application)</i>

CONTACT

Initiate the onboarding process



Data consumer

Get in touch to let us know you're a data consumer of Identitas data products. We'll send you an onboarding form (including an optional technical account request) and guide you through the process.



Application operator

Reach out if you need to extend the audience in your Agate client or have questions about the API integration. We're glad to help.

support@agridata.ch