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ADV Data Excellence Award 2024

OMD Spatial Connector

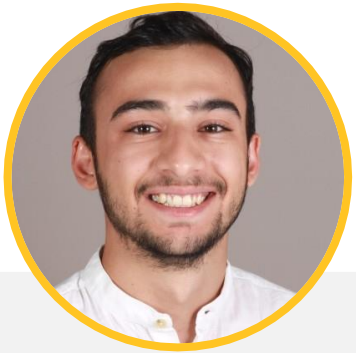
11.-12. APRIL 2024 | PARK HYATT VIENNA

Our Team

Jürgen Zornig

DATA Lead

- 20+ years of experience in (meta)data
- Deegrees in IT, Spatial and Data Science
- enthusiastic about Data Engineering, Data Quality and Open Source



Daniel Chenari

DATA Developer

- recent graduate with a keen interest in the transformative power of data
- eager to contribute and grow in the fields of Data Engineering and Quality

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What we do (not only GIS)

We make GeoSpatial & IoT solutions simple, fast, and affordable.

GeoSpatial

We empower public institutions to **extract valuable insights** from geospatial data.

IoT

We deliver a **Smart-Home-as-a-Service platform** for business customers.

Smart City

Our **CITY OPERATING SYSTEM** connects people, data and systems.

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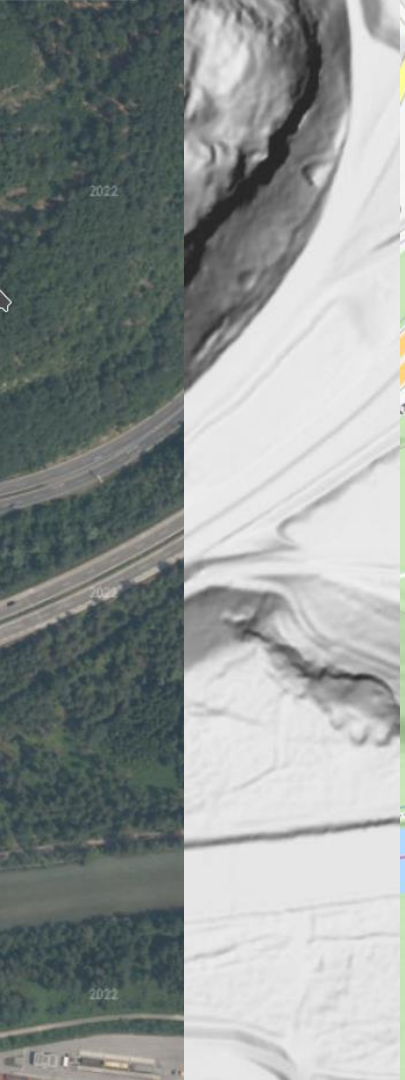

basemap.AT
Traffic
Flood prevention
Schedules
Public service
Energy management
Wald und Wiesenweg
Gailbrückenweg
Müllnern
Warmbaderstraße
Lindnerweg
Dobrowaweg
Gödersdorfer Straße
L51

Integrations

Hive

Snowflake

DBT

S3

G

GC-API

KML

DXF

CSW

Metadata

My personal spatial data governance journey

2001	FGDC *Metadata*
2002	BIOGIS Metadatenkatalog (*Search & Discovery*)
2003	ISO 19115 / 19135 (*Ownership & Compliance*)
200? The dark ages	Geonetwork (*Yet another standard compliance check)*
	Dublin Core / Profil.at / INSPIRE
2013	Reengineering > "NÖ MetaCat" (*Lineage, Quality, Metadata first*)
2014	Publishing Metadata to data.gv.at and inspire.gv.at
2015	LinkedIn WhereHows is OpenSource
2021	STAC Spec v1.0
2022	OpenMetadata v1.0rc

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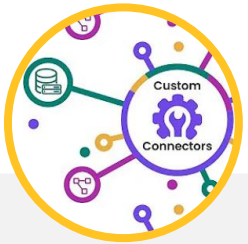
OpenMetadata

Platform

- Comprehensive Metadata schema
- User-friendly UI
- rock-solid integrations
- production-ready



Extensibility

- Custom Connectors and Airflow based backend
- Plugin Apps into UI
- Easy container-based deployment

Collaboration

- Externally through an active community
- Internally through features that support a healthy data culture

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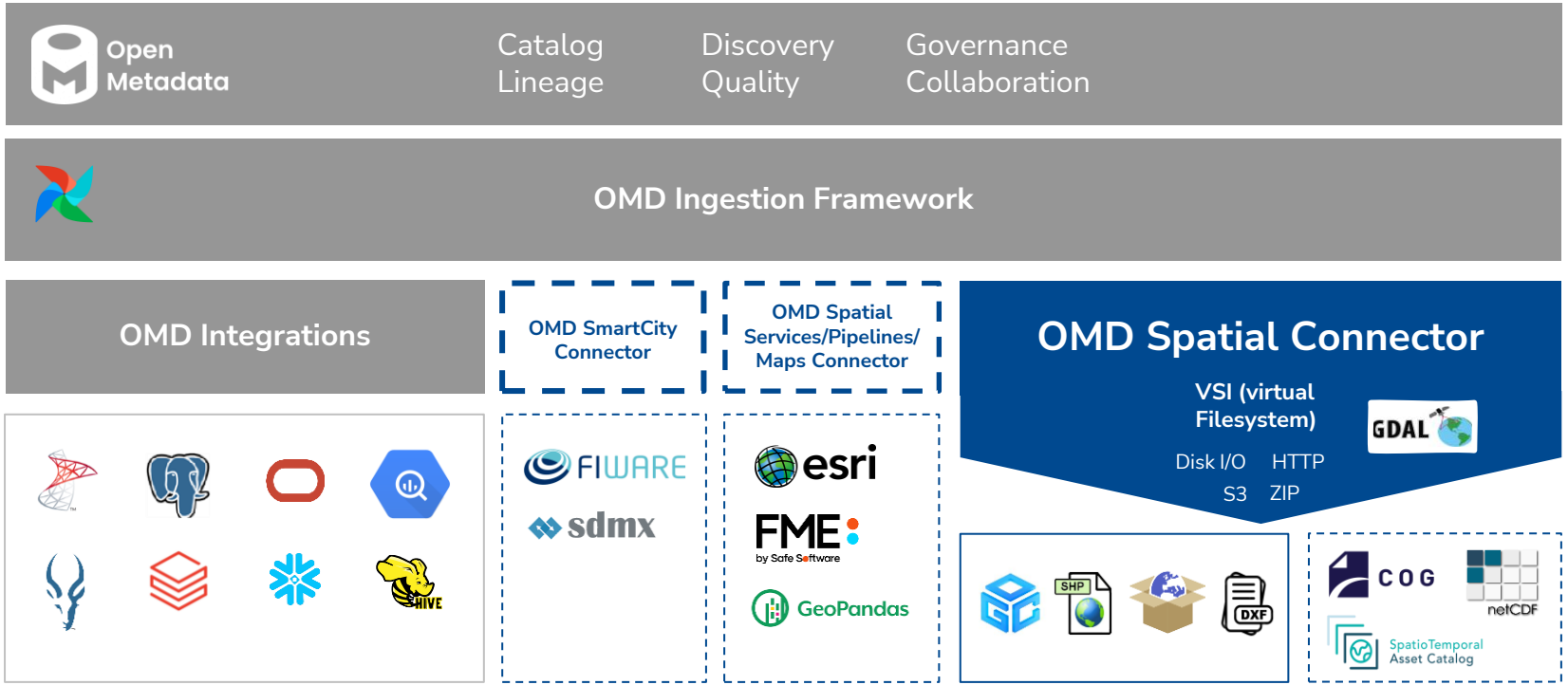
Solution Overview



Key Benefits

Holistic data lifecycle management

Cover all your data during its complete lifecycle, from sensor collection to published information product and beyond.

Data Owners are able to **collaborate** on their very **own format specific assets** (no need for proxy assets).

Data Consumers get a **one-stop-shop** of really every data asset and its lineage, regardless of its format or origin.

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Find us on GitHub / Roadmap

msgis/**openmetadata-spatial-connector**

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Want to contribute?

- STAC connector

Contact us

What to expect next

- 2024 Spatial pipelines connector
- 2024 SmartCity connector
- 2025 Spatial dashboards (web/mobile maps)

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Thank you!

Jürgen Zornig

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