ASTUN TECHNOLOGY

DATA DISCOVERABILITY

Improve your data ROI

Data is one of your organisation's biggest assets, but it can also be one of your biggest burdens.

Our four-step Data Discoverability (DD) programme helps you identify, optimise and share credible, Q-FAIR compliant data and metadata. Doing so removes data silos, supports data-driven decision making and saves time and money.

"We help organisations like the Scottish Government and the Environment Agency to create and manage data catalogues. These ensure that their users can always find the data they need, even as their data holdings grow."

Data Discoverability Lead
Astun Technology

Benefits of adopting Data Discoverability

Reduce risk

DD helps you know what data you hold and optimise its quality and security. It also helps you lock down access to data.

Free up your team

DD frees up resources by streamlining data management processes, including data sharing.

Give data a new lease of life

DD empowers users to identify and access the right datasets so they can improve their decision making.

Four steps to Data Discoverability

1

Our automated search tool scours your network and cloud holdings to produce a catalogue of your datasets.

2

Our metadata tool automates the production of readable, compliant metadata for hundreds or even thousands of datasets.

3

Our cataloguing tool allows you to manage datasets individually or apply bulk actions.

4

Our publishing tool makes it easy for you to share your data with search engines, portals, catalogues and GIS platforms.

Customer stories...

Defra/Environment Agency

Building on the metadata catalogue we had created for the Environment Agency, we developed a standards-compliant metadata portal that enabled Defra to share over 8,000 datasets in a year.

Visit the site

The Scottish Government

Our technology enables The Scottish Government and associated bodies to manage and share over 1,000 datasets and associated metadata.

Visit the site

IDD001

FAQs

How often can we use the search tool to update our catalogue?

As often as you like!

Can you help us improve the quality of our data?

Yes. Our tools help reduce data duplication. They can also notify data owners when their datasets need to be refreshed. Comprehensive metadata empowers users to make more informed decisions about the suitability of a dataset for their needs.

Can you help us comply with standards?

Yes. DD makes it easy for you to comply with Q-FAIR. Our metadata is compliant with both INSPIRE and ISO19139. Over 30 local authorities already rely on our expertise to publish datasets inline with the INSPIRE directive and use our platform to share and publish data externally to sites like data.gov.uk.

What technology do you use?

We use proven industry-standard open source technologies in our solution. Our catalogue is built on GeoNetwork Open Source, which powers spatial data infrastructures around the world. We also use PostgreSQL for our database and ElasticSearch and Kibana for statistics and dashboarding.

Can you help us understand what data is used?

Yes. Our cataloguing tool reveals which datasets are the most popular and which datasets are 'dark', i.e. unused. This can help you value your data.

Do we have to subscribe to all four steps?

No, if you already have a data catalogue, you can simply ask us to help you share your data more widely.

Cement your reputation for sharing high-quality data

DOWNLOAD THE FULL BROCHURE

Visit our website

REQUEST A CHAT

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