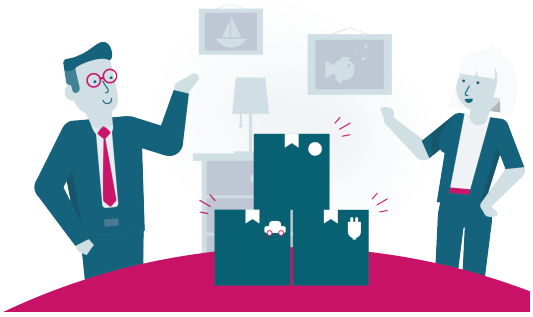
dataspot.
be data excellent



Technical data sheet for the software application dataspot. (On-premises)

ⓘ Product information

Short description	**dataspot.** is a software solution to manage metadata in terms of business, technical and organizational metadata (business data model, reference data, data catalog, data lineage, processing directory, data quality, projects, organization, ...). It supports business and IT users with a web-based user interface and comes with a central server installation on premise or on cloud. The **dataspot.** multi-tenant capabilities allow the management of cross-organizational metadata as well as the efficient collaboration between employees and organizations. Configurable workflows support the data governance collaboration.
Supplier	**dataspot.** gmbh, Vienna
Security information on the supplier	**dataspot.** gmbh is ISO 27001 certified (by TÜV Süd). The internationally recognized certification ISO/IEC 27001:2022 proves that the supplier **dataspot.** gmbh has introduced an effective information security management system (ISMS) and continuously ensures the security of information and data.
Release	*v2026.1* (as of January 2026)
Future improvements	**dataspot.** is enhanced and updated continuously. Product updates are delivered at no further charge within the subscription fee.

Technical information

Supported operating systems (client)	Any operating system supporting a browser according to the stated browser requirements.
Supported operating systems (server)	A Java VM or a container-based virtualization software has to be runnable. Linux or Docker are recommended. Only runnable on 64-Bit operating systems.
Supported database systems	PostgreSQL version 14.11+
Hardware requirements (client)	Dual core CPU with 4 GB memory
Hardware requirements (server)	Min. Quad core CPU with 8 GB memory The sizing of the database server is roughly based on the number of managed metadata and may have higher requirements.
Sizing requirements (server)	Disk storage according to size of database. Min. 100 GB disk storage is recommended.
Screen	Optimized for resolution of min. 1280 x 800
Browser	Current versions of Chrome, Safari, Microsoft Edge, or Firefox

Inhouse installation (On-premises)

Client installation	No installation needed (browser-based client)
Server installation	▪ *Option 1: Installation as WAR file in servlet container:* The server component is delivered as a Java WAR file (Web Application Archive). The deployment of the WAR file has to be executed in an already installed Java-EE-conform servlet container (e.g. Tomcat). ▪ *Option 2: Installation as Docker container:* The server component is delivered with the required Docker configuration to create a container that includes all necessary software packages and pre-defined environment variables. Alternatively, the preconfigured Docker image can also be downloaded from a private container registry hosted by **dataspot.**
PostgreSQL installation	An active instance of PostgreSQL (open source database) is required for running **dataspot.** Following options are supported to establish the connection between **dataspot.** and PostgreSQL: ▪ *Option 1: Exclusive use of PostgreSQL instance by* **dataspot.** (recommended): All PostgreSQL databases are managed by **dataspot.** (incl. create/drop database, backup and restore). ▪ *Option 2: Use of explicit PostgreSQL database by dataspot.:* A database/scheme has to be created and shared by the database administrator for the explicit use by **dataspot.**
Required disk space	Installation as WAR file: approx. 500 MB Installation as Docker container: approx. 2GB (image size)

Operations

Backup	Backup and restore of databases can be managed via the browser-based admin console. The functionality includes the creation, deletion, backup, and restore of the **dataspot.** databases. Regular backups (e.g. daily) can be established by server configuration.
Version upgrade	Upgrades are managed by deploying the latest WAR files and restarting the application server or by starting the updated Docker container respectively. There are no explicit migration activities.
Data migration	Migration of data follows the agile principle of *„Evolutionary Database Design“*, i.e. both the database scheme and the data are verified on server start and are brought up-to-date and are migrated automatically as necessary.

User administration

User administration	**dataspot.** distinguishes between active (write access), read-only and administrational users. The software has a user administration panel where users active in the data excellence organization are managed. The software can be configured so that users with read-only access do not have to be explicitly created and managed by the user administration.
Authorization, Role	The software has a role-based authorization system where a role is assigned to every active user. The role and workflow determines the functional authorization.
Authentication	Any access to the application must be authenticated to verify the identity of the user. The following authentication methods are supported: ▪ The identity is verified using the login IDs and passwords managed in the application. ▪ The pre-authentication (**single sign-on**) verifies the user's identity outside the application (e.g. on a reverse proxy) and sends the login ID to the server in an HTTP header attribute. ▪ The login ID and password are verified (**same sign-in**) in an external directory service (e.g. LDAP). ▪ The authentication uses **OpenID Connect** to verify the identity in an external identity provider (e.g. Microsoft Entra ID). The credentials are sent to the server as a signed JSON Web Token (JWT)

Data formats, data export and import

Data format	**dataspot.** uses PostgreSQL to store metadata. If needed (e.g. termination of subscription, mirroring of metadata), all metadata can be read via PostgreSQL client.
Metadata Upload	Interfaces for metadata import are implemented for all models and support the following formats: ▪ Microsoft Excel ▪ CSV ▪ XML ▪ JSON ▪ XSD (XML Schema Definition) ▪ JSON Schema ▪ SQL/DDL
Metadata Download	Interfaces for metadata export are implemented for all models and support the following formats: ▪ Microsoft Excel ▪ Adobe PDF ▪ CSV ▪ XML ▪ JSON ▪ XSD (XML Schema Definition) ▪ XMI (UML) ▪ SQL/DDL
Metadata REST/API	REST conform application programming interfaces (APIs) for direct read and write access to metadata objects in the following formats: ▪ JSON
Metadata SQL Views	Read-only SQL views (PostgreSQL) of the stored metadata corresponding to the structure of the **dataspot.** meta class model for integrating the metadata into other databases.
Metadata Connectors	Programs that connect to external data sources and extract and transfer relevant metadata to **dataspot.**: ▪ dataspot. DatabaseConnector ▪ dataspot. StorageConnector ▪ dataspot. DatabricksConnector ▪ SAP Metadata API by bluetelligence ▪ Power BI Connector by bluetelligence

Contact and other information

Further product information	https://www.dataspot.at/portfolio/metadatenmanagement-software/
Copyright	The software **dataspot.** is protected by copyright.
Trademark protection	**dataspot.** is a registered trademark within the EU.
General terms & conditions	The general terms and conditions of **dataspot.** as of October 2025 apply.