

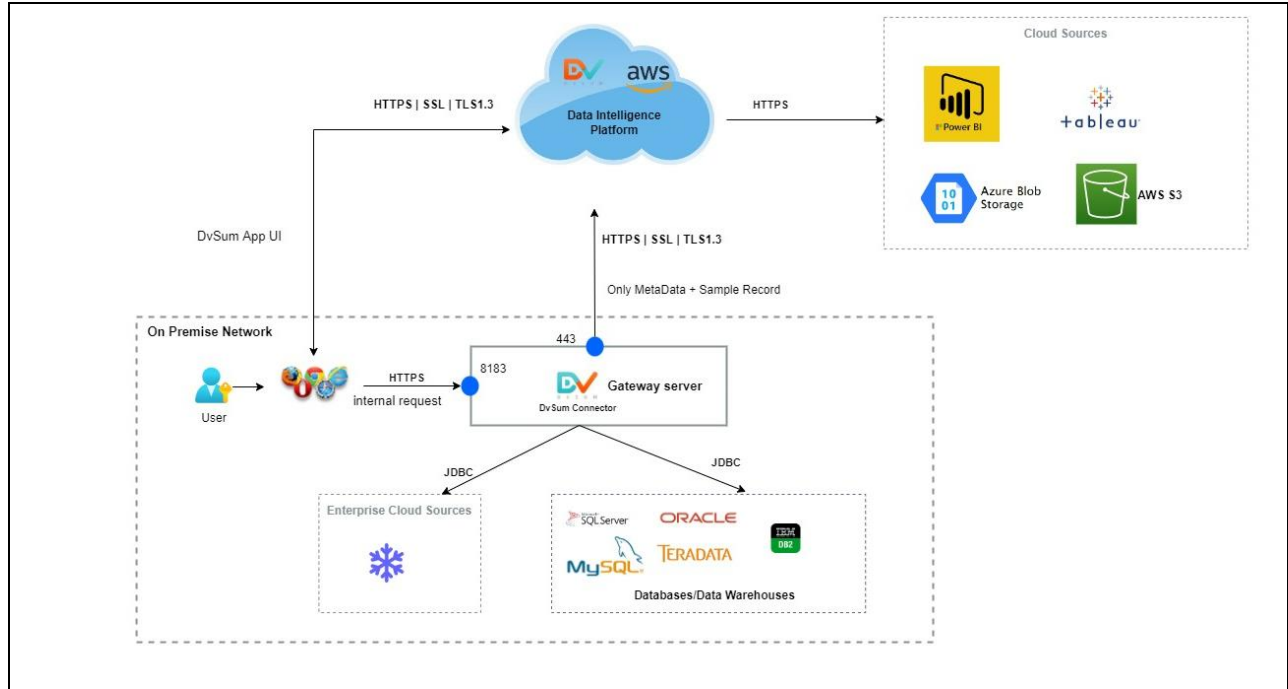


# DvSum Data Catalog Technical Data Sheet

- 1 Contents
- 2 DvSum Technical Architecture ..... 2
- 3 List of available Connectors ..... 2
- 4 Installation Checklist ..... 3
  - 4.1 User Requirements ..... 3
  - 4.2 DvSum Gateway installation requirements ..... 3
  - 4.3 Network Configurations / Security Requirements ..... 4
- 5 Performance ..... 4
- 6 Security ..... 4
- 7 Support..... 5
- 8 For more information ..... 5

This datasheet provides technical details on how to setup and use DvSum Data Catalog to work within the enterprise.

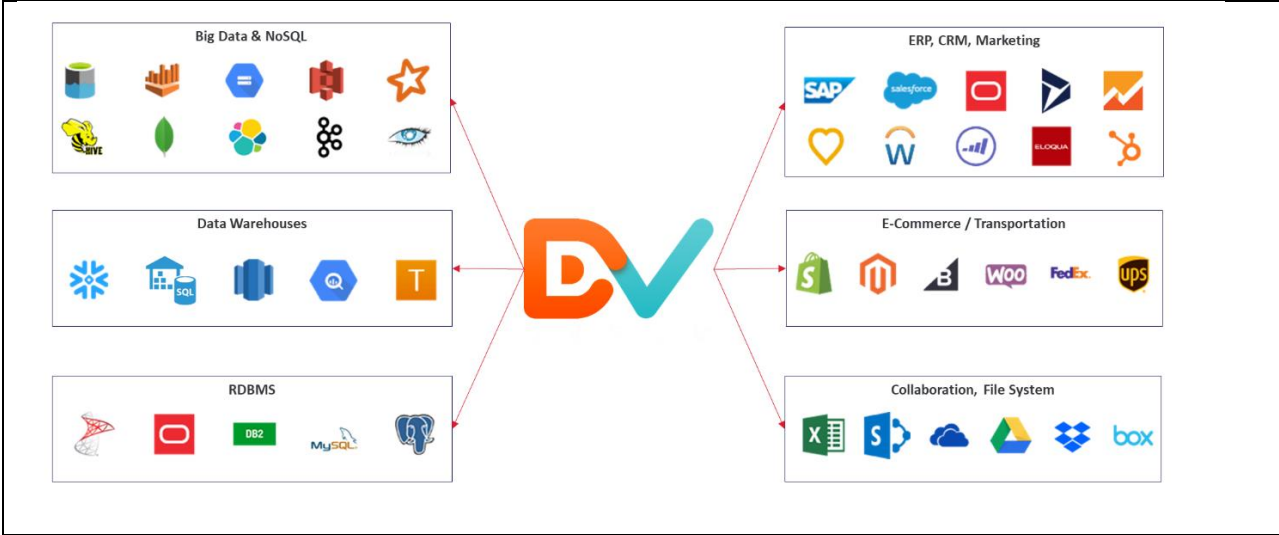
## 2 DvSum Technical Architecture



- All users, including Administrators only need a browser to use DvSum.
- The solution only extracts metadata and sample data out of the data sources. Volume data is never extracted from the source.
- For connecting to on-premises databases, it requires installing DvSum Gateway inside the customer network. For connecting to cloud data sources, it requires login credentials in the form of username and password OR access keys.
- For RDBMS sources, in addition to extracting metadata and samples, it executes profiling on volume data at source and extracts the statistics as part of metadata extraction.

## 3 List of available Connectors

DvSum can connect to 150+ Data Sources including Enterprise Applications, SaaS Applications, On premise Databases, Cloud Databases, Data Lakes, and Files in Shared Drives. If data source supports



Refer to [this](#) article on our support page for the list of all the supported data sources.

## 4 Installation Checklist

### 4.1 User Requirements

All users	Browser (Microsoft Edge, Chrome) Should be able to access <a href="https://app.dvsum.ai">https://app.dvsum.ai</a> from their workstations
-----------	--

### 4.2 DvSum Gateway installation requirements

DvSum Gateway is a lightweight J2EE compliant service that makes connections to the on-premise data sources and generates information used in the DvSum processes. The connector contains JDBC drivers, scheduler, connection routing, security, and server that handles requests. A single connector is required across the entire enterprise with ability to service multiple data sources and users.

	Evaluation / Development use	Production
Operating System	Windows Desktop or Server edition	Windows Server edition
Memory	500 MB	2 GB
Disk Space	50 MB	100 MB
CPU cores (shared)	2 or more	4 or more
Service Port Used (can be modified)	8183	8183

### 4.3 Network Configurations / Security Requirements

DvSum Gateway talks to the DvSum server on the Cloud on standard HTTPS (443) port. If your network allows internet access, then no additional configuration is required.

If DvSum Gateway is to be installed on a server where outside access is restricted to specific URLs by Firewall, contact Gateway Server Administrator to white-list following addresses on network so the gateway can communicate to DvSum web application.

- **apis.dvsum.ai on port 443**
- **s3-us-west-2.amazonaws.com/dvsum-app-data-prod/ on port 443**
- **dvsum-app-data-prod.s3.us-west-2.amazonaws.com/ on port 443**
- **mail-smtp.us-west-2.amazonaws.com on port 25**

## 5 Performance

- Basic read operations. No write.
- Control performance by configuring number of concurrent connections to data sources
- Scan times can be controlled by scheduling them during low activity time for the data sources

## 6 Security

- Multi-layered security across Data Center, Network, Application, Network, and Data
- Multi-layered account security using MFA, IP address whitelisting, ACL, alerts

1. Information Security Program	2. Application architecture Security	3. Data Security	4. System & Network Security	5. Data Center Security
<ul style="list-style-type: none"><li>• Published WISP</li><li>• Incident Response Plan</li><li>• Change Control Process</li><li>• Notification Procedures</li></ul>	<ul style="list-style-type: none"><li>• SQL Injection Prevention</li><li>• Security Management of application</li><li>• Account level security for each request</li></ul>	<ul style="list-style-type: none"><li>• Sensitive data encrypted at rest</li><li>• Full SSL between application and user</li><li>• SSL between user and client data</li><li>• Controlled access by roles within each account</li></ul>	<ul style="list-style-type: none"><li>• Logging</li><li>• Vulnerability scans</li><li>• Penetration Testing</li><li>• No firewall exceptions / port openings required</li></ul>	<ul style="list-style-type: none"><li>• Extreme reliability and redundancy</li><li>• SOC2 (previously SAS 70 Type II) compliant data center</li></ul>

## 7 Support

For any questions regarding Account Information, Technical Support or inquire about our additional services, you can contact us on the following channels.

<b>Self-service Help Portal</b>	<a href="https://support.dvsum.com">support.dvsum.com</a>
<b>Email support</b>	<a href="mailto:support@dvsum.com">support@dvsum.com</a>
<b>Phone</b>	1.844.855.3282

## 8 For more information

To learn more about DvSum Platform, please contact us at [hello@dvsum.ai](mailto:hello@dvsum.ai) or visit [dvsum.ai](https://dvsum.ai).



---

© Copyright DvSum, Inc. 2022

DvSum, Inc.  
440 N. Wolfe Road  
Sunnyvale, CA 94085  
USA

All Rights Reserved

DvSum, the DvSum logo, dvsum.com, DataPARC, 'PARC your data', 'ARM your data' are trademarks or registered trademarks of DvSum, Inc. in the United States, other countries or both.

Java is the registered trademark of Oracle Corporation.