

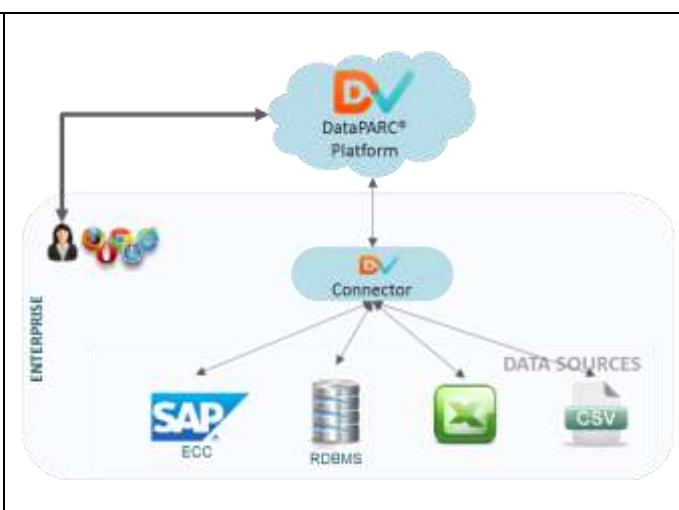
DvSum Technical Data Sheet

1 About this Document

DvSum is Cloud technology platform to help companies convert data into high quality information to run the business. This datasheet provides technical details of how an enterprise would use DvSum DataPARC® platform to work with their enterprise systems, excel and flat files, and Cloud applications.

2 Data Flow with DvSum

All users, including Administrators only need a browser to use DvSum.
 Request to execute data analysis, DQ rules and matching are generated by users in DvSum platform.
 These are sent as requests to DvSum connector that runs inside the customer environment.
 DvSum connector makes connections to data source and performs read actions.
 The relevant results summary and exceptions are sent to DvSum for display to users and perform orchestration.
 Volume data is neither extracted, nor stored.



3 DvSum Components used inside an enterprise

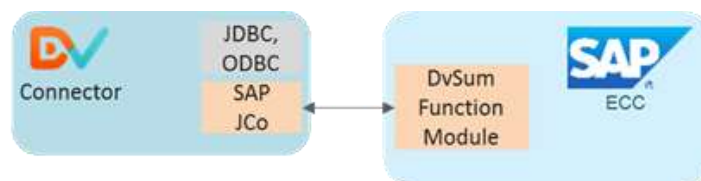
DvSum Connector

DvSum Connector is a light-weight J2EE compliant service that makes connections to the data sources and generates information used in the DvSum processes. The connector is a unified service that encapsulates connection drivers (e.g. JDBC, SAP JCo), 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.

Stack Requirement	Individual User	Distributed Setup
Operating System	Any	Any
Middleware	Java 8 JRE	Java 8 JRE
Memory	100 MB	500 MB
Disk Space	50 MB	50 MB
CPU (shared)	2 or more	4 or more

DvSum BAPI for SAP-ECC

DvSum connector includes all the drivers required to make connections to different data sources like RDBMS, Excel Files, Flat Files, REST services. For making connections to SAP ECC, DvSum provides an RFC-enabled BAPI that is optimized to handle data query type of requests utilized in DvSum. This follows SAP's recommendation for how external connections should be made to ECC. Additional details below.



Install Type	Transport. (EH6K900572. Package ZDVSUM)
Structure	ZSSDYNA_QUERY
SAP versions supported	ECC EH5, EH6
Access	System / RFC User Set with following objects (Typical for RFC user) B_ALE_MAST, B_ALE_RECV, B_ALE_REDU, S_RFC, S_CPIC, S_DATASET

About SAP JCo

JCo is an SAP provided Connector (SAP JCo) is a middleware component that enables the development of SAP-compatible components and applications in Java™. JCo with RFC-enabled Function Modules is standard for connecting SAP to an external web-application. It is widely used by popular enterprise data solutions. (E.g. Mulesoft ESB, Boomi Integration Cloud)

4 Simple, Fast Setup

1. Other Data Sources: Provide access credentials to relevant databases
2. SAP: Create RFC User in appropriate instance
3. SAP: Move Transport through Dev, QA, Prod
4. DvSum connector service downloaded and started
5. Setup account, data sources, confirm connections

5 Scalable Performance

- Basic read operations. No calculations. No write. (except when cleansing is used)
- Fast In-memory calculations
- Multi-threading
- Schedule execution to minimize impact to user transactions and other priority processes

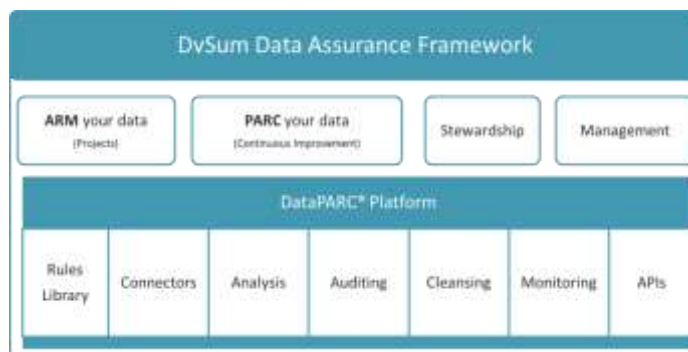
6 Industry Standard Security

- Multi-layered security across Data Center, Network, Application, Network, and Data
- Multi-layered account security using MFA, IP address whitelisting, ACL, alerts
- Volume data never leaves the enterprise. Ever

About DvSum

DvSum is Cloud technology platform to help companies convert data into high quality information to run the business. We focus on data holistically across systems and processes. With our patented technology, we are able to simultaneously check and compare data across multiple systems.

We not only identify but also get data fixed through closed-loop governance and self-healing system processes. We're a true software-as-a-service solution, with no hardware or software to install. With our auto data-discovery and expanding rules library, you can setup and be analyzing live data within a day – which enables quick wins for the business.



Holistic, Simple, Cross-Silo – Data Assurance Framework

For more information

To learn more about DvSum Platform, please contact us at info@dvsum.com or visit dvsum.com.



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