

# Introduction to SAP Lumira Discovery

Version 1.0

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## Purpose

This document is written to give an overview of the BI tool “SAP Lumira Discovery”.

## What is SAP Lumira Discovery?

SAP Lumira Discovery is the on-premise Self-Service BI tool which enables data discovery, visualization and analysis on the underlying data, by involving end users creating their own queries and sharing these with others with negligible IT contribution.

In other words, it is an integrating data visualization software that combines all the granular information in a simple single view from multiple data sources and permits users to analyse the data and share their findings in a nice and intuitive dashboard.

Among the tools in the SAP BI, **SAP Lumira Discovery is the only tool that is placed to handle all 5 features of Self Service BI** which are as follow:

- Acquisition
- Preparation
- Visualization
- Exploration
- Collaboration

Users can open their local documents that they created before or they can connect to the SAP BI platform to retrieve Lumira stories available there. When analysing the data, we can connect to any data source including BW or HANA live.



There are a large variety of Self Service BI tools like **Tableau, Qlik Sense and Power BI**, existing in market today that support a similar workflow as Sap Lumira Discovery but following are some *key aspects* that make **SAP Lumira Discovery** stand out in a crowd:

### ***Best connectivity to SAP data sources***

- SAP Lumira Discovery facilitates live data connectivity to SAP BW and HANA via superior BICS data services unlike other tools which uses MDX connectivity
- It assists and extends most BEx and HANA backend characteristics & configurations at the time of live connectivity
- It also provides inflexible connectivity and incorporation to next generation applications such as BW4HANA, S/4HANA and SAP HANA Vora
- In this, Single-Sign On (SSO) can be straightforwardly built for the SAP data sources
- It offers straight and managed link (via SAP BI platform) to SAP BW and HANA
- It supports data import functionality for SAP HANA, ECC, BW and Universe to deliver adjustable data preparation selections
- In SAP Lumira discovery, Security agenda configured with SAP HANA, BW, BO Universe (e.g. row level security) is reused – thus encouraging data governance and single kind of fact

## ***Compatibility with SAP Lumira Designer***

- SAP Lumira Discovery has capability to extend SAP Lumira Discovery documents (visualizations, stories and data) into SAP Lumira Designer (formerly SAP Design Studio)
- Supports many exciting commercial use cases – e.g. Acquire & prepare data using SAP Lumira Discovery and build visualizations using SAP Lumira Designer
- It integrates analytical applications constructed using SAP Lumira Designer as stories in SAP Lumira Discovery

## ***Incorporation with SAP BI platform (SAP BusinessObjects BI)***

- SAP Lumira Discovery documents can be issued to the SAP BusinessObjects BI Platform permitting reuse of the already placed server and hardware platform
- Interoperability with other SAP frameworks like Fiori Launchpad and Business Objects Mobile BI
- It reuses and extends role-based security which is already applied in the SAP BI platform

## ***Other Features***

- SAP Lumira Discovery has ability to connect to flat files, Large Data, Cloud apps and non-SAP databases
- In this, Customisation can be done by involving coding using SDK (Software Development Kit) to include new visualizations and data sources

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