



Hybrid Cloud Connector

Product Overview

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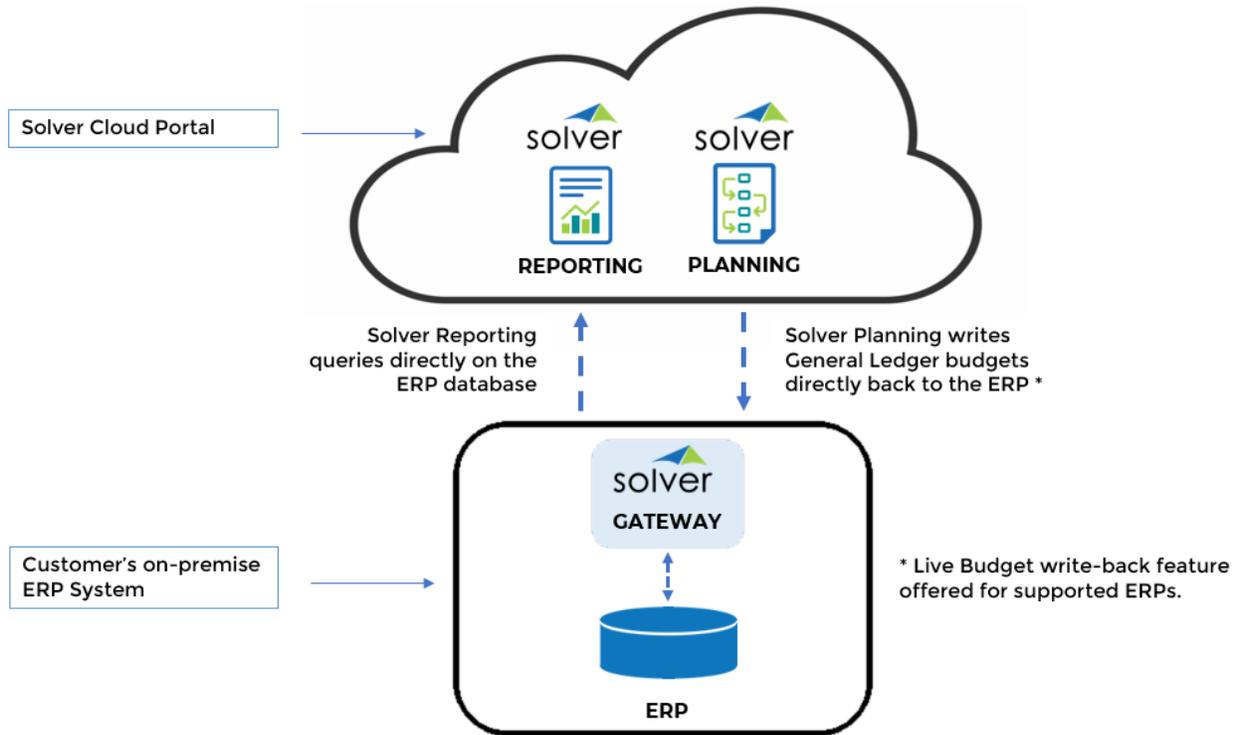
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Technology Overview

Solver’s Hybrid Cloud Connector provides a unique cloud-based solution that allows companies with supported on-premise ERPs to provide users with real-time reports for their ERP data and real-time budget write-back to their ERP’s general ledger (GL).



The Hybrid Cloud Connector consists of two major components:

- Pre-built meta data (integration to GL and subsidiary ledger fields in the ERP system).
- Solver Cloud Agent/Gateway (gateway agent that acts as a bridge providing fast and secure data transfer between the on-premise ERP data and the Solver Cloud portal)

The Solver Hybrid Cloud Connector functions in the same way as existing Solver Cloud Connectors, with the key difference being that the Solver Hybrid Cloud Connector provides a real-time direct connection back to the on-premise ERP database, where other Solver Cloud Connectors leverage the Solver Cloud Data Warehouse (DW) for reporting and budgeting.

Connector Comparison

Customers can use both the Hybrid Cloud Connector and other Cloud Connectors (DW) in a single tenant for a comprehensive Corporate Performance Management (CPM) solution. The information below illustrates the key differences.

Hybrid Cloud Connector

Provides a pre-built real-time connection to the ERP database, including general ledger and most standard subsidiary ledger fields for a single company. Transactions posted in the ERP, such as journal entries, are immediately viewable in reports.

Cloud Connectors (Data Warehouse)

Leverages the Solver Cloud Data Warehouse for consolidated reporting capabilities where a customer can have multiple companies, as well as additional flexibility with report design, simplified maintenance and improved performance. The Solver Cloud Data Warehouse can consolidate multiple data sources, such as the current ERP, legacy ERPs, CRM, Operational databases, additional Cloud data sources and more.

Functionality	Hybrid Cloud Connector	Solver Cloud Connector (DW)
Data refresh frequency	Real-time	On demand/scheduled
General Ledger and Sub-ledger reporting	Yes	Yes
Multiple company consolidation*	No	Yes
Ability to add custom ERP fields**	No	Yes
Consolidation with additional data sources	No	Yes
Custom trees and rollups to streamline reporting	No	Yes
GL Budgeting	Yes (supported ERPs)	Yes
Operational Budgeting	No	Yes
Currency Conversion***	No	Yes

***Consolidation:** No cross-company consolidation offered. Customers may only connect to a single ERP database at a time.

****Custom ERP fields:** The initial release of the Solver Hybrid Cloud Connector will not support custom ERP fields. Existing Solver 4.x customers that have customized their ERP integration will not be able to migrate changes at this time as customized integrations cannot currently be

imported into the Cloud environment. The “integration customization” functionality is currently planned to be released in 2020, with a release date to be determined.

*****Currency Conversion:** No currency additional conversion capabilities. Users may create calculations with Excel formulas in reports.

Supported ERPs

The Solver Hybrid Cloud Connector will be made available for Dynamics GP on February 18th 2020. Solver anticipates releasing the Hybrid Cloud Connector for additional ERPs as listed below and future launch dates will be announced by Solver once determined. For additional information, please contact sales@solverglobal.com.

ERP	Reporting	GL Budgeting	Release Date	Supported Versions
Dynamics GP	✓	✓	2/18/2020	Dynamics GP 2013+
Dynamics SL	✓	✓	TBD	TBD
Dynamics NAV	✓	✓	TBD	TBD
D365 Business Central*	✓	✓	TBD	TBD
SAP Business One**	✓	✓	TBD	TBD
Sage 100**	✓		TBD	TBD
Sage 300**	✓		TBD	TBD
Sage 500**	✓		TBD	TBD

*On-premise version only

** SQL

Sample Customer Deployments

The examples below provide several examples where customers can greatly benefit from deploying the Solver Hybrid Cloud Connector.

Sample Profile 1

Customer has a single company (no consolidation requirements) and is looking for real-time ERP reports and real-time drill-down into their ERP system’s financial and/or sub-ledger data.

Sample Profile 2

Customer has two companies with no consolidation requirements and needs to create basic financial reports and perform general ledger level budgeting and forecasting (budgeting at the account level).

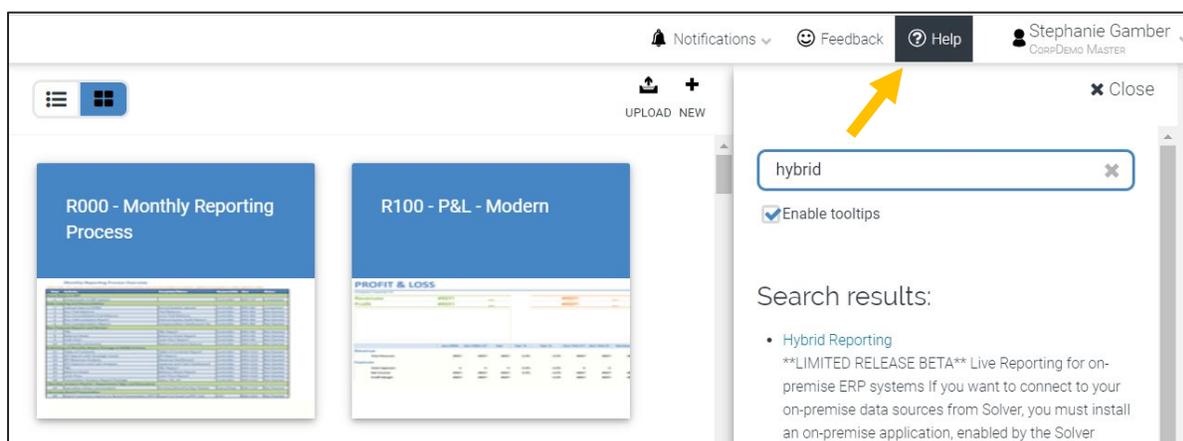
Sample Profile 3

Multi-company organization which has need for consolidated reporting and real-time ERP reporting. This customer would benefit from using the Solver Hybrid Cloud Connector in conjunction with the Solver Cloud Connectors (DW) for the scenarios described below:

- The Accounting team may use reports built off the Solver Hybrid Cloud Connector to get immediate visibility to their financial data during the monthly close process. This is used when closing journal entries are posted and Accounting needs to view the immediate impact to financial statements without waiting for the Solver Cloud Data Warehouse to refresh to confirm accuracy.
- Consolidated reports, distributed throughout the organization may built off the Solver Cloud Data Warehouse, which offers improved performance, consolidation, currency conversion and integration of non-ERP data into reports.

Product Documentation and User Guides

All white paper material is accessible via the “Help” button when logged into the Solver Cloud Portal. This includes information on installation and setup, system requirements, and supported ERPs.



Frequently Asked Questions (FAQs)

Q Which ERP systems does Solver have a Hybrid Cloud Connector available for?

A See table below:

ERP	Reporting	GL Budgeting	Release Date	Supported Versions
Dynamics GP	✓	✓	2/18/2020	Dynamics GP 2013+
Dynamics SL	✓	✓	TBD	TBD
Dynamics NAV	✓	✓	TBD	TBD
D365 Business Central*	✓	✓	TBD	TBD
SAP Business One**	✓	✓	TBD	TBD
Sage 100**	✓		TBD	TBD
Sage 300**	✓		TBD	TBD
Sage 500**	✓		TBD	TBD

*On-premise version only

** SQL

Q Does the Solver Hybrid Cloud Connector load data into Solver’s Cloud Data Warehouse before reports can be run or are they truly “real-time” on the ERP database?

A Reports are running real-time on the ERP database with no storing of data in Solver’s Cloud. When a transaction is posted in the ERP, it that will be immediately reflected in reports that are run from the Solver Cloud Portal.

Q Can Solver’s Hybrid Cloud Connectors also write data back to the ERP database?

A Yes, if you subscribe to Solver’s budget module, you can write GL budget data back to the GL budget table in the connected ERP. This is available only for supported ERPs.

Q When drilling down in a report that uses the Solver Hybrid Cloud Connector to access ERP, does it return underlying transactions directly from the ERP?

A Yes. Drilldown is directly into the ERP tables, so all relevant transactions will be viewable.

Q Can I use the same Solver tenant both for Hybrid Cloud Connector-based reports (real-time ERP reports) and reports based on the Solver Cloud Data Warehouse?

A Yes. The Solver Hybrid Cloud Connector can be deployed in the same tenant with the Solver Cloud Data Warehouse. It can occur with the initial implementation or be added to an existing tenant. The data sources accessible will be dependent upon which connectors are purchased.

Q What is the price of the Hybrid Cloud Connector?

A The Solver Hybrid Cloud Connector has the same price as all other connectors.

Q Are there any performance concerns when running reports that use the Solver Hybrid Cloud Connector versus reports that run on the Solver Cloud Data Warehouse?

A Reports run from the Solver Hybrid Cloud Connector will typically run a little bit slower since they query the on-premise database. Also, when logged out of the Solver Cloud Portal for more than one hour, the next user that logs into the Solver Cloud Portal and runs a report will take a bit longer (on average +/- 30 seconds) as it loads the ERP integration into memory.

Q What data fields are accessible with the Hybrid Cloud Connector and what set-up is required?

A Solver's pre-built metadata provides immediate access to most standard ERP fields in the general ledger (GL) and subsidiary ledgers once the connector is installed. At this time additional customizations are not supported.

Q Are existing 4.X or Private Host (5.0) customers a good candidate to migrate to the Solver Cloud and Solver Hybrid Cloud Connector?

A Yes, provided they do not currently have any metadata customizations in use. Customers which do currently have customizations will need to wait until the customization tool is released for the Solver Hybrid Cloud Connector (2020 TBD).

Q What additional training is needed for the Hybrid Cloud Connector?

A Once installed, the Hybrid Cloud Connector functions as any other data source. There are no changes to reporting or budgeting processes. A Hybrid Cloud Connector overview and general training information can be accessed via the [Solver Academy](#).

Q Where can I access user manuals, white papers, and the latest product information?

A All white paper material is accessible via the “Help” button when logged into the Solver Cloud Portal. This includes information on installation and setup, system requirements, and supported ERPs.