

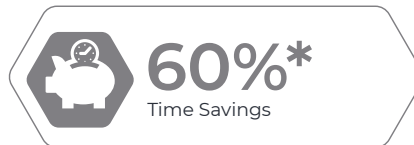
Dynamics 365 – LOB Integrator (DLI)

Seamlessly connect Microsoft Dynamics 365 for Finance and Operations with LOB systems

Developed as an add-on to Dynamics 365 for Finance and Operations, DLI connects Dynamics 365 and Line-of-Business (LOB) systems such as Microsoft Dynamics CRM and Oracle, to facilitate data integration.

DLI makes Dynamics 365 and LOB systems work efficiently together and share data so the latest information, from each system, flows automatically into the other systems.

DLI's advanced mapping capabilities help configure data integrations without dealing with the complexities of the data model and provide a 360° view of business data.



How Does It Work?



Data is passed from Dynamics 365 to a Windows Communication Foundation (WCF) API, via .Net library

The API authenticates the user by calling an Azure hosted authentication service

If the authentication is successful, data is inserted / updated in the enterprise system(s); if the authentication fails, log entry is generated

Similarly, the data flows through the WCF API to get into Dynamics 365, once the user is authenticated.

High-level Functionalities



Continuous data integration

Data from mission critical systems (Dynamics 365 and LOB systems) is integrated automatically with the help of DLI; the latest information can now be shared across the application infrastructure.



Real-time data modification

With DLI, any data modification done in Dynamics 365 is reflected in the connected LOB system in real-time, and vice versa.



User authentication

DLI authenticates end users by invoking API; protecting data that resides in Dynamics 365 (hosted on Azure cloud) and LOB systems.



Error logging

DLI helps maintain record of critical errors encountered when processing data transfer requests. This record is available directly on Dynamics 365 and as a separate XML log file.

Key Benefits



Time savings with elimination of redundant data entry tasks



Increased enterprise visibility with reduced departmental silos



Reduced IT costs as no maintenance is required for separate enterprise systems



Better decision making with efficient, accurate, and well-organized information gained from all systems



Improved integration between various environments (on-premises, cloud, or hybrid) due to seamless connectivity between Dynamics 365 and LOB systems

About Synoptek

Synoptek is a global systems integrator and managed IT services provider offering comprehensive IT management and consultancy services to organizations worldwide. Founded in 2001; headquartered in Irvine, CA, we have offices and resources across North America and delivery centers in Europe and India.