

OData

SOLUTION FACTSHEET

OData is for customers, third party software providers and systems integrators who want a secure and consistent method of accessing SYSPRO data. It provides improved data access particularly in the cloud by connecting to the SQL database structure and data, in a secure and auditable manner.

OData, short for Open Data Protocol, is an open-source protocol that allows data to be queried making use of the RESTful API. It is an industry standard integration method that uses communications technology to access and connect to SYSPRO's system database through a secure HTTPS restful internet endpoint.

The Benefits of OData

- Seamless integration with SYSPRO ERP
- Connects 3rd parties to SYSPRO Data
- A secure solution with an easy-to-use interface

OData Solution Capabilities:

- Perform easier and faster integrations between other systems and SYSPRO data using the HTTP protocol stack
- Access and interact with SYSPRO company and system-wide databases in a consistent manner using RESTful web services
- Access a simple and uniform way to share data in a discoverable manner
- Extend SYSPRO's use for third-party data analysis tools (e.g. Excel, PowerBI, Tableau and other external analytical solutions)
- Simplify the data access mechanism
- Lower the risk of inappropriate data access
- Prevent the requirement for direct SQL Access in future

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Product Version:

SYSPRO 8

Sectors:

Manufacturing and Distribution

Industries:

- Automotive Parts and Accesories
- Electronics
- Fabricated Metals
- Food and Beverage
- Industrial Equipment and Machinery
- Packaging
- Plastics and Rubber

Technical Requirements:

- Microsoft .NET Framework 4.6
- Internet Information Services (IIS) - including:
 - .NET Core hosting bundle (version 3.1.12 or higher)
- A connection to Microsoft SQL Server
- A connection to the SYSPRO 8 e.net Communications Load Balancer via net.tcp
- SYSPRO OData Service