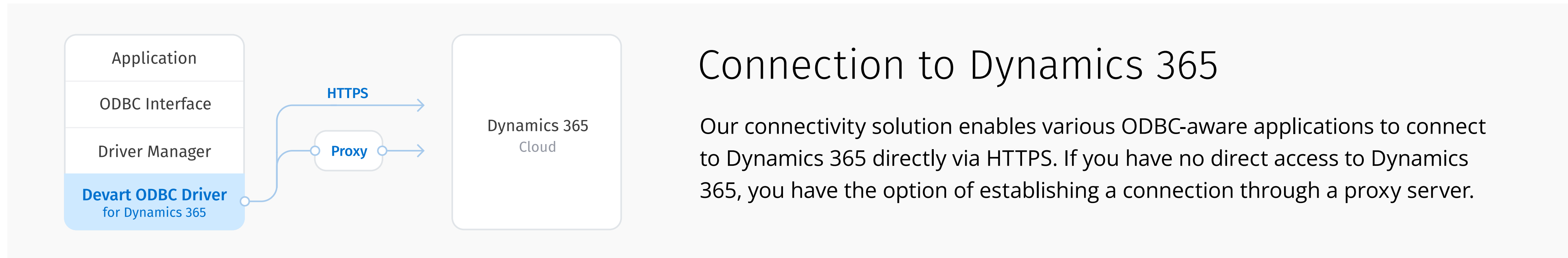# ODBC for Dynamics 365

Improve your Dynamics 365 connectivity with ODBC for Dynamics 365.
Seamlessly bridge the gap between your applications and Dynamics 365 data through
ODBC, ensuring efficient data access and manipulation. Unlock a world of possibilities
with our robust solution, designed to streamline development and enhance productivity.

Key Features

Application

ODBC Interface

Driver Manager

Devart ODBC Driver
for Dynamics 365

HTTPS

Proxy

Dynamics 365
Cloud
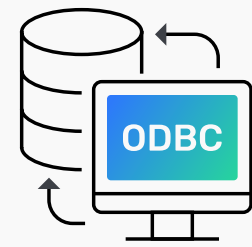
Connection to Dynamics 365

Our connectivity solution enables various ODBC-aware applications to connect to Dynamics 365 directly via HTTPS. If you have no direct access to Dynamics 365, you have the option of establishing a connection through a proxy server.

Extended SQL Syntax

Our ODBC driver provides an unrivalled opportunity to work with Dynamics 365 objects just as with SQL tables. The extended SQL syntax allows you to use all the SQL benefits in SQL-92 compatible SELECT statements:

- Complex JOINs
- WHERE conditions
- Subqueries
- GROUP statements
- Aggregation functions
- ORDER statements
- and more.

```
Select a.customersizecode,
       a.territorycode,
       a.name,
       a.accountnumber,
       at.isdocument,
       at.businessunitname
From account a
Left Join (Select ant.objectid,
                  ant.subject,
                  ant.isdocument,
                  b.name as businessunitname
           From annotation ant
           Left Join  (Select * From businessunit) b
             On ant.owningbusinessunit = b.businessunitid
          ) at
    On at.objectid = a.accountid
Where a.exchangerate = 1
  And a.websiteurl Is not Null
Order By a.revenue,
         a.versionnumber,
         a.statecode
```
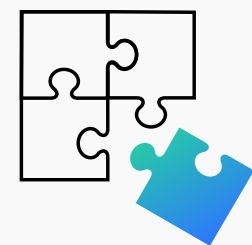
ODBC Conformance

The driver provides full support for common ODBC interface:
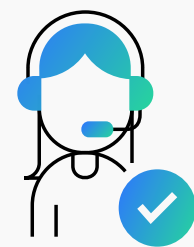
- ODBC API Functions support
- ODBC Data Types support

In addition, we provide support for Advanced Connection String parameters. Thus allowing any desktop and web applications to connect to Dynamics 365 from various environments and platforms, that support ODBC.

Dynamics 365 Compatibility

Our ODBC driver fully supports all data types defined in the Dynamics 365 API.

Moreover, the driver is compatible with the Dynamics 365 API itself.

Support

Visit our Support page to get instant help from knowledgeable and experienced professionals, a quick resolution of your problems, and nightly builds with hotfixes.

DML Operations

Devart ODBC Driver for Dynamics 365 provides support for DML

- INSERT
- UPDATE
- DELETE

operations, which allows you to modify data in Dynamics 365 in the same way as in SQL databases.

High Performance

Every operation with Dynamics 365 becomes significantly faster using such capabilities of our driver as Local data caching, connection pooling, query optimization and much more.

Advanced Data Conversion

We have implemented advanced Data Conversion mechanisms that provide bi-directional mapping between any Dynamics 365 and ODBC data types.
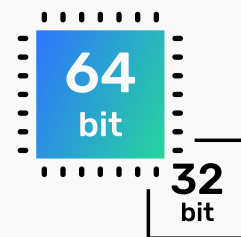
Integration

The driver is compatible with 3rd-party data analysis tools, such as Microsoft Excel, and integrates with various IDEs and systems like Visual Studio, etc.

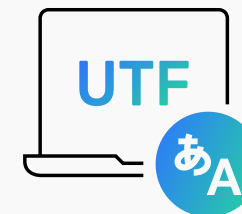For a complete list of compatible tools and platforms, see Compatibility.

Bulk Updates

Moreover, with our driver you can perform bulk updates to Dynamics 365 by combining SQL statements into batches, thus simplifying and speeding up large data modification with Dynamics 365.

Platforms Variety

Devart ODBC Driver for Dynamics 365 can be used with 32-bit and 64-bit applications on both x32 and x64 platforms, so there is no need to additionally configure the driver, applications or environment.

Fully Unicode Driver

With our fully Unicode driver, you can retrieve and work with any data from multi-lingual Dynamics 365 databases correctly, not depending on whether its charset is Latin, Cyrillic, Hebrew, Chinese, etc., in any environment localization.