

# Autonomous REST Connector

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## DATA SHEET

### FEATURES

- ✓ Automatically maps all JSON responses to relational data models using intelligent sampling
- ✓ Supports ODBC / JDBC on these operating systems:
  - ODBC: win32, win64, Linux 64, Unix 64
  - JDBC: Java 1.8 or higher, win32, win64, Linux 64
- ✓ Improved query performance leveraging filter and join push-down capabilities as well as parallel fetches
- ✓ Offers extensive SQL 92 SELECT support
- ✓ Supports all popular authentication methods

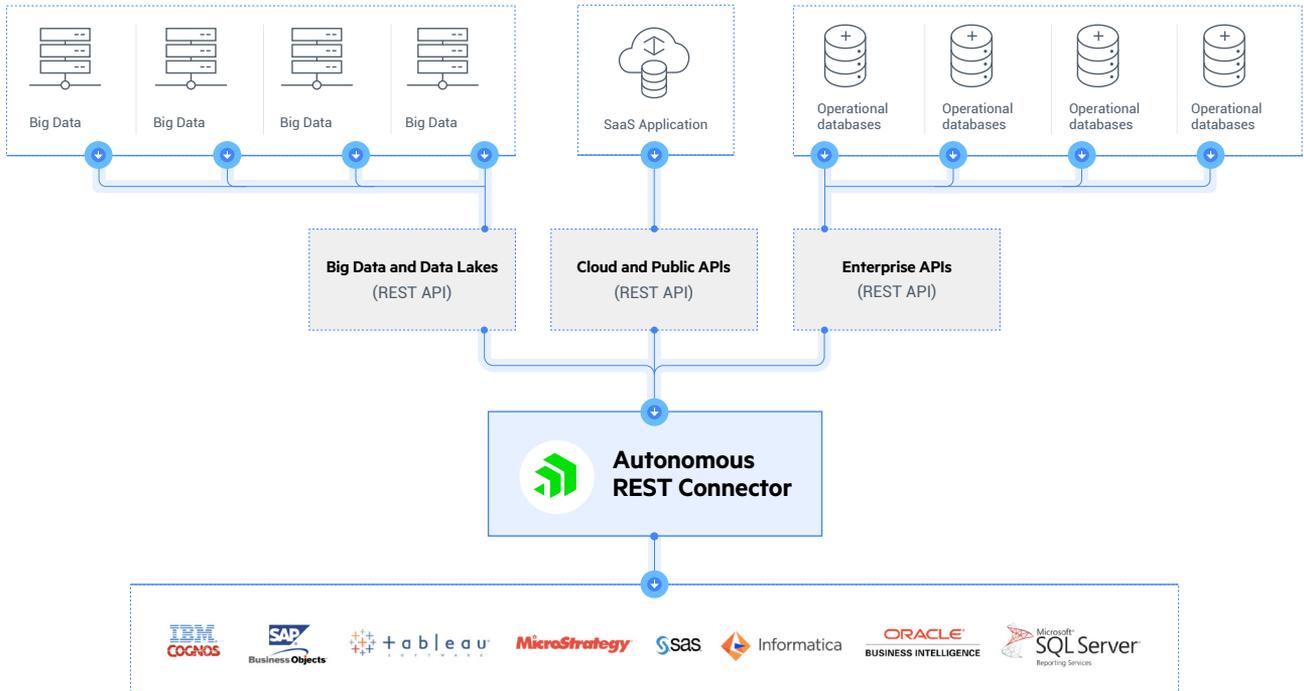
### Overview

Empowering you to access data for your application, cloud or platform is our passion at Progress DataDirect. Our products offer unique data connectivity solutions for enterprises needing to better integrate data across relational, big data and cloud databases.

We now offer the **Progress DataDirect Autonomous REST Connector** to deliver seamless, real-time connectivity between REST data and your ODBC/JDBC tools and applications. Autonomous REST Connector rapidly decreases the amount of time required for applications to understand and consume APIs through its codeless configuration and intelligent sampling.

APIs are quickly becoming the standard for which organizations are sharing data both internally and externally. Opening up your application's data through API standards like REST dramatically improves its accessibility from widely used BI, analytics and development tools. SQL has been the traditional approach for these applications for decades. Autonomous REST Connector can now be your bridge between SQL and this new world of REST.

Figure 1. Connect to SQL-based applications, platforms and tools



## Benefits

### Seamlessly connect with the data you need

Many organizations are leveraging APIs to create data services to effectively govern how data is accessed, where it is accessed and by whom. While modernization drives companies to produce and consume APIs, the applications and tools they leverage are still SQL-based, making it difficult and time-consuming to connect these REST and SQL-based tools. Autonomous REST Connector solves this problem by providing seamless connectivity and integration with REST APIs.

Autonomous REST Connector allows you to query API data using standard SQL by normalizing the semi-structured JSON response data into structured data that can be used with SQL.

There's no need to understand the complexities of the JSON response in order to start effectively working with the data.

### No code, no hassle

Navigating the non-standard world of APIs can cause you to miss out on valuable data and insights for your organization and customers. How these APIs are implemented and consumed

can differ widely from one source to the next. Autonomous REST Connector's intelligent sampling and codeless configuration makes it easy to connect to the data that you and your customers need to find insights, drive value and enrich your data assets.

With intelligent sampling, Autonomous REST Connector can point to an API and automatically create a configuration file that allows you to start working with the data immediately — no code, no hassle. The configuration file can also be customized to determine how to navigate the various APIs you need to leverage. By supporting a wide variety of authentication methods and normalizing the API's response schema to a SQL-friendly format, Autonomous REST Connector has you covered.

## **Quickly connect any API to any application**

The amount of data - and data sources - leveraged across enterprise, mobile and web applications continues to grow exponentially. Despite this growth, your users and customers expect access to data they need when they need it. On demand access to a wide range of data sources is no longer just a planning consideration, it is a mandate to meet your customers' business needs.

Autonomous REST Connector provides that necessary data connectivity by enabling the rapid development of API connections that can be seamlessly integrated into your portfolio.

## **APIs Supported**

- APIs that have JSON responses
- RESTful APIs
- Parameterized APIs either via URL or as request body elements
- Row-offset and page numbering

## **System Requirements**

Autonomous REST Connector's ODBC driver supports

- 32-bit and 64-bit Windows operating systems

Autonomous REST Connector's JDBC driver supports:

- 64-bit Linux, Unix and Windows operating systems
- A version of Java 1.8 or newer is required for compatibility



Visit [www.progress.com/connectors/autonomous-rest-connector](http://www.progress.com/connectors/autonomous-rest-connector) & take the 7-day Free Trial

## About Progress

Progress (NASDAQ: PRGS) offers the leading platform for developing and deploying strategic business applications. We enable customers and partners to deliver modern, high-impact digital experiences with a fraction of the effort, time and cost. Progress offers powerful tools for easily building adaptive user experiences across any type of device or touchpoint, award-winning machine learning that enables cognitive capabilities to be a part of any application, the flexibility of a serverless cloud to deploy modern apps, business rules, web content management, plus leading data connectivity technology. Over 1,700 independent software vendors, 100,000 enterprise customers, and two million developers rely on Progress to power their applications. Learn about Progress at [www.progress.com](http://www.progress.com) or 1-781-280-4000.

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