



Simplifying OpenEdge Data Access with DataDirect



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The Evolution of Data Access



- ➡ Limited sphere of systems to connect to - relational databases, data warehouses...etc
- ➡ On-site, controlled systems that didn't require extensive authentication or security measures.
- ➡ To meet this need, ISVs built SQL connectors that were ODBC/JDBC driven

SQL is a Common Approach to Data Access

Your OE Application



Access OE data
through ABL



ODBC/JDBC

Consuming Application

MicroStrategy

Qlik



Power BI

+ a b l e a u
SOFTWARE

ORACLE
DATA INTEGRATOR

Why Not Connect Directly to the Database?



DIY Multi-tenancy... Regulatory Compliance Requirements... QoS Concerns... Complex Schema...

Data Access Challenges

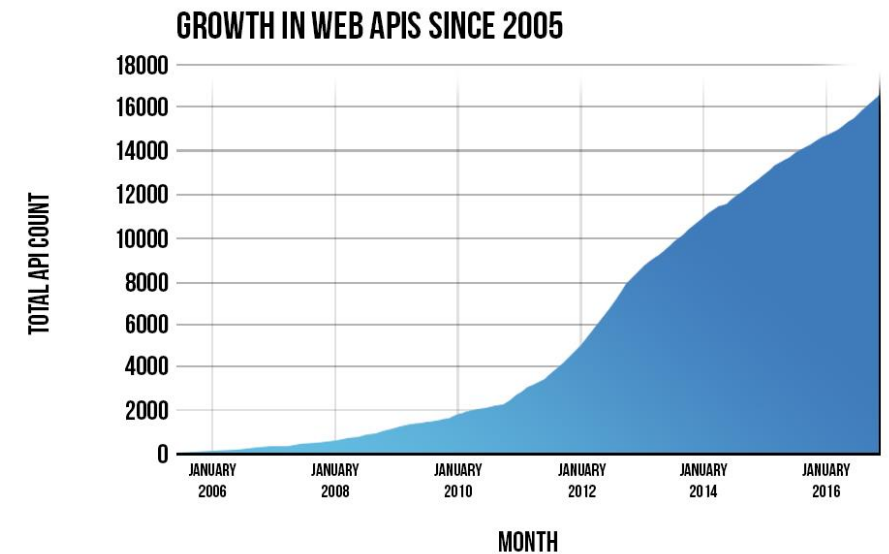
- ➔ Connecting to OpenEdge from customer tools
- ➔ Customer tools do connect with ODBC & JDBC
- ➔ ODBC & JDBC connectivity doesn't afford a high-degree of data privacy and security controls



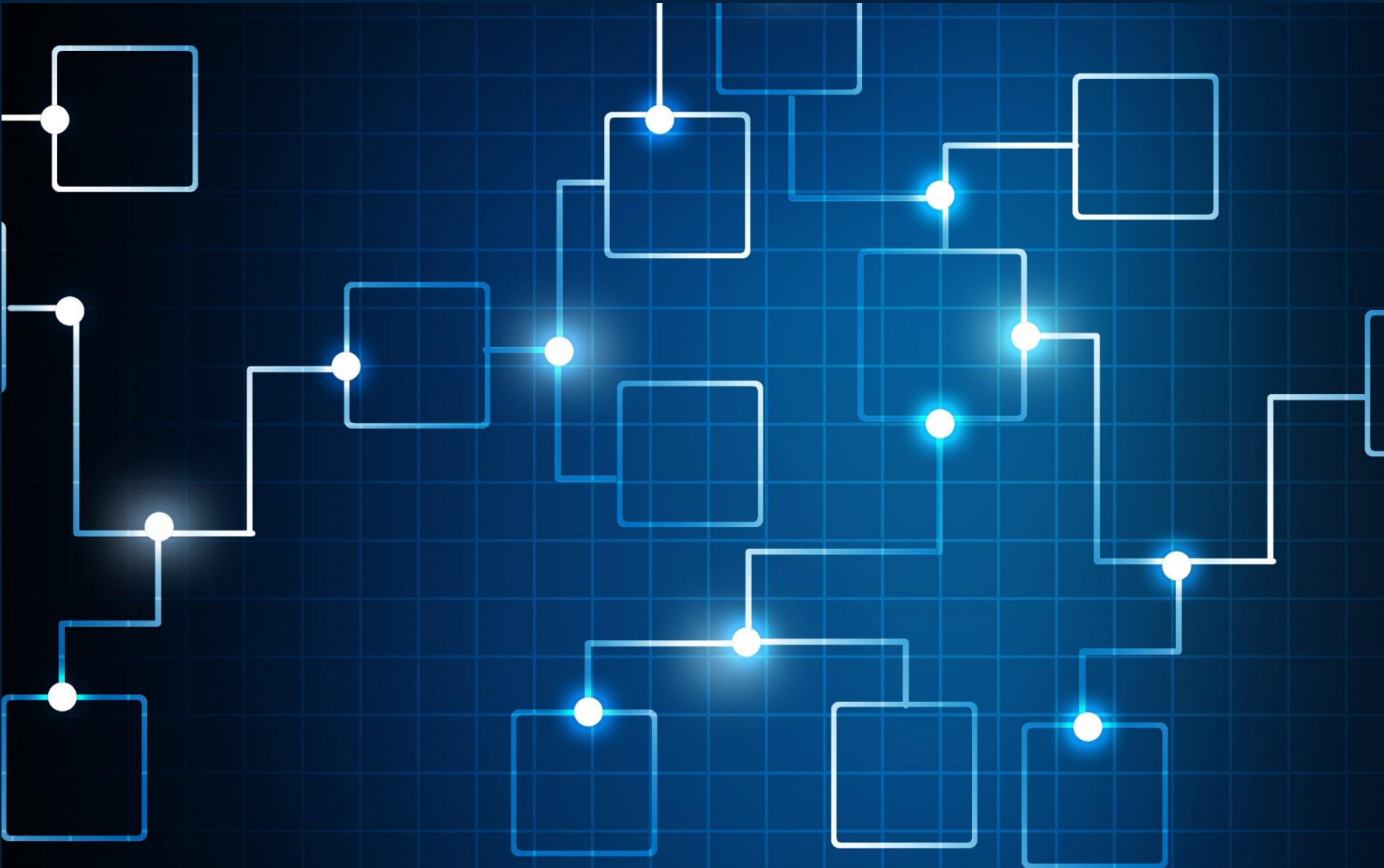
The Rise of REST APIs

- Authentication
- Access policy
- Encryption
- Data Masking
- Data Lineage
- Replication

ProgrammableWeb



Introducing Autonomous REST Connector

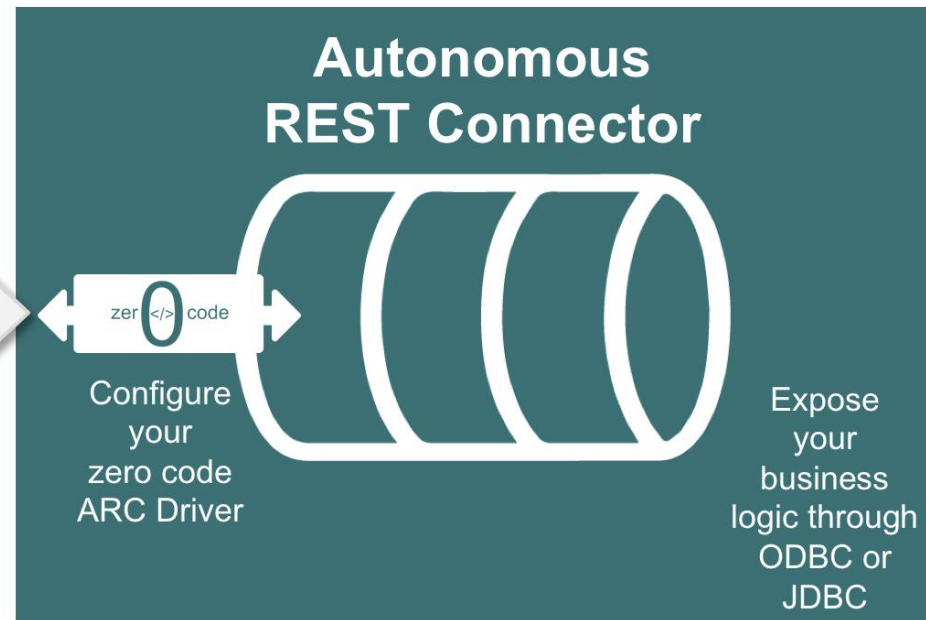
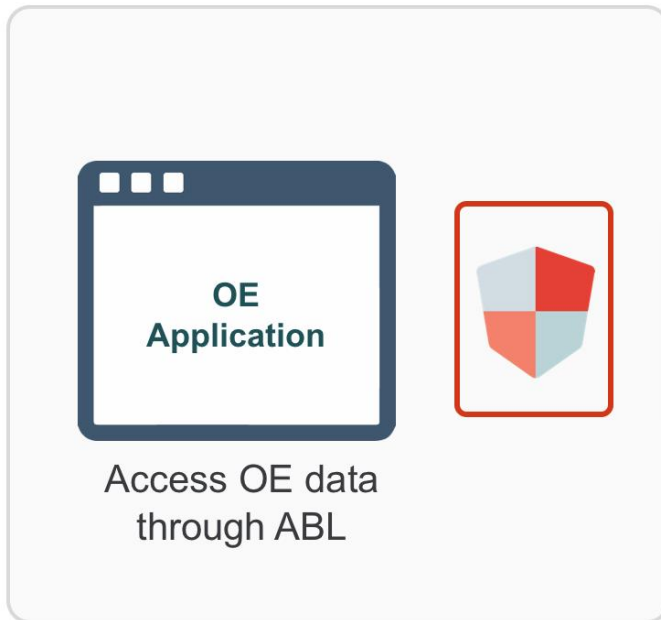


- ➔ **SQL** – Query REST endpoints like a standard database
- ➔ **Normalization** – maps the JSON results to a relational schema
- ➔ **Intelligent Sampling** – Automatically detect metadata and relationships
- ➔ **Authentication/Authorization** – Gain control over the content that users can access

Autonomous REST Connector

Secure Access to OpenEdge data

Your OE Application



Consuming Application



Key Benefits of Autonomous REST Connector

- ➔ Translate your API data into a format that your customers can query
- ➔ No code, no hassle
- ➔ Seamless, real-time connectivity

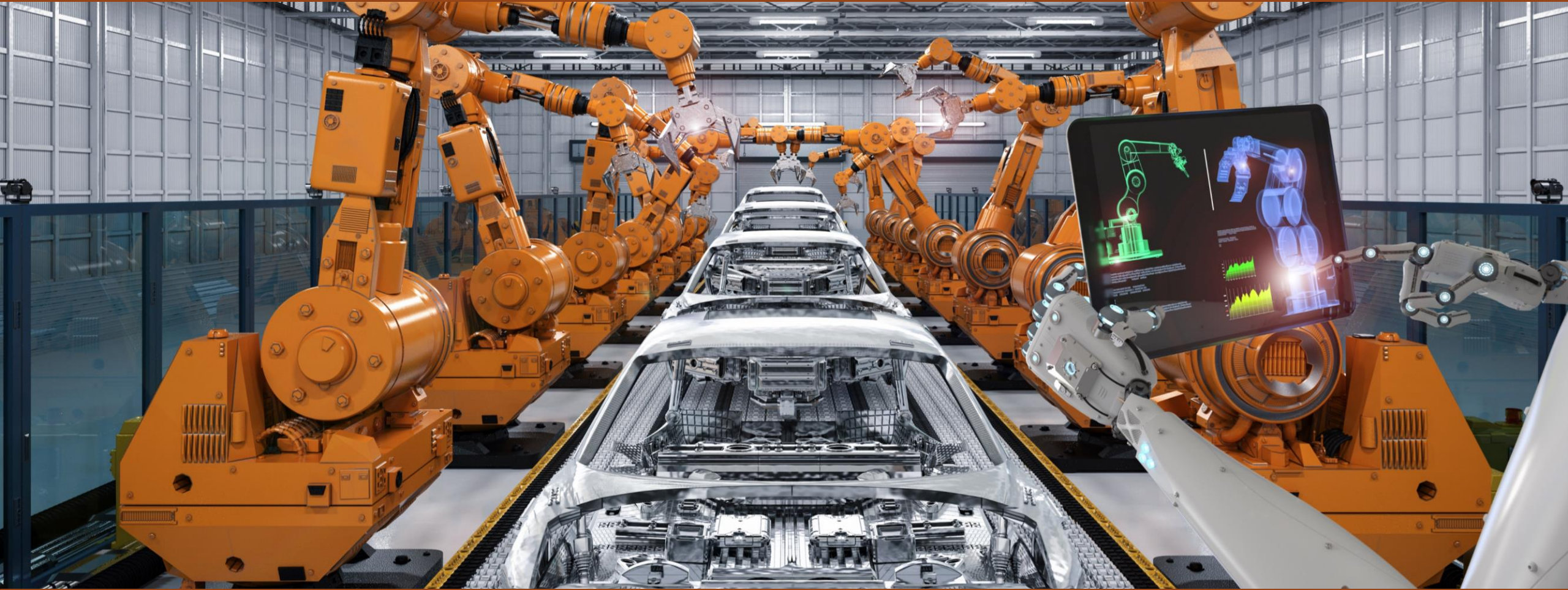




Autonomous REST Connector in Action...



Bottom line...

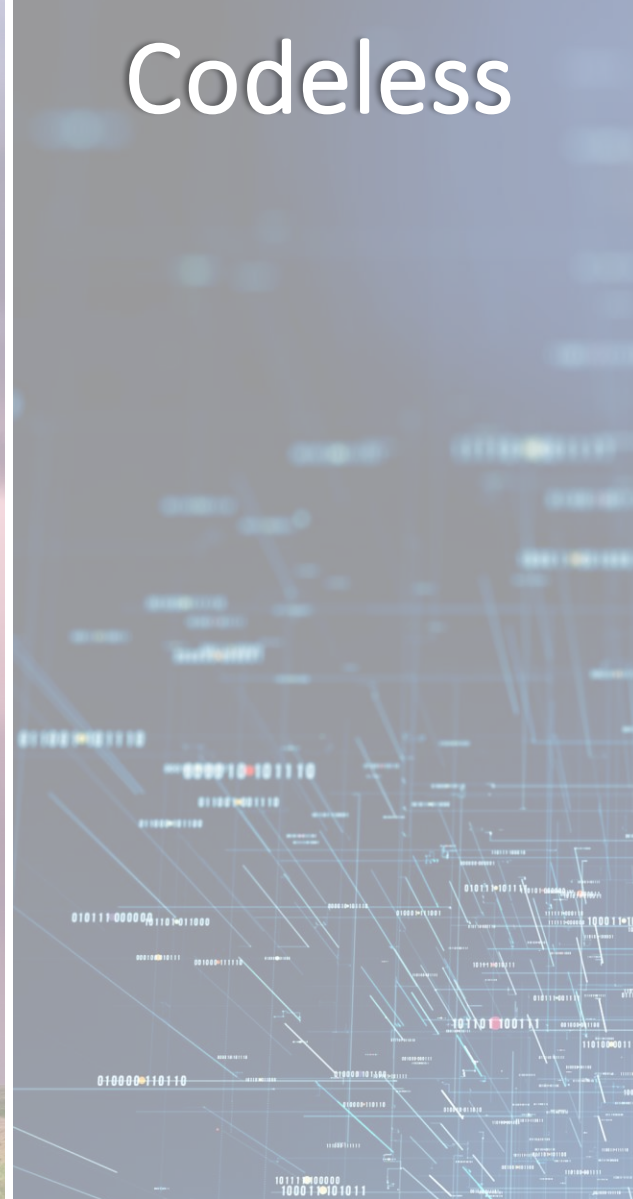


Autonomous REST Connector is an intelligent, customizable data connectivity solution enabling lightning-fast, codeless connections between your OpenEdge application data and your customers' preferred BI/Analytics and Data Warehousing tools.

Lightning-fast



Codeless



Intelligent



Customizable



Progress®

DataDirect® Autonomous REST Connector

Learn more at

progress.com/connectors/autonomous-rest-connector

