CGR SAP Connector

Product Capabilities

What CGR SAP Connector exposes, in which product version, and where the two versions differ. Read this before choosing an endpoint family.

TECHNICAL DOCUMENTATION

Version 1.0 · September 2026

Two Product Versions

CGR SAP Connector supports on-premises SAP systems from SAP NetWeaver 7.4 onward, including all on-premises SAP S/4HANA releases, and SAP systems in private cloud. SAP public cloud is not supported because it restricts access to required SAP objects. Choose the endpoint family matching your installed connector version.

CGR Connector (SICF)

The classic REST version, exposed through the custom SICF service at `/cgr/api`. Function results are returned directly as JSON, with no wrapper.

CGR Connector (OData)

The SAP Gateway version, exposed as OData service `/CGR/CONN_SRV`. Supports OAuth 2.0, and wraps POST results in an OData entity with serialized JSON in the `CONTENT` field.

DO NOT MIX THE VERSIONS

SICF URLs and payload or response conventions do not apply to the OData product, and the reverse is equally true. Check which version is installed before writing a single call.

Core Capabilities

Three capability groups, all of them reading or executing objects that already exist in your SAP system.

Data access

Read tables and database views. Select the fields you want, filter the result set, and paginate through it.

Business logic

Execute function modules and BAPIs, with simple or complex parameters — including modules that are not RFC-enabled.

Reporting

Run ALV reports and SAP Queries against predefined variants, and take the output as JSON.

Monitoring

Every call recorded with status, object, user, host, method and both payloads, in a central monitor.

OBJECT TYPES THE CONNECTOR CAN EXPOSE

- **Tables**
- **Views**
- **CDS views**
- **ALV reports**
- **Function modules**
- **BAPIs**
- **ABAP queries**

CGR SOFTWARE

Everything above is returned as UTF-8 JSON.

cgrsoft.com
sales@cgrsoft.com