

APPLICATION ADAPTERS

Convert your data with an innovative Application Program Interface

GLOVIA G2 Application Adapters provide services and functionality that supports your data migration needs. The rapid and accurate importing and refreshing of data files containing key information can be an invaluable time and resource saving tool. GLOVIA G2 provides a powerful tool-set of adapters for the transfer of information between itself and other applications or systems.

Template Based Adapters

GLOVIA G2 Application Adapters are predefined templates that allow you to retrieve data rapidly from other applications or systems. The template design enables the precise mapping of data fields from a source file into an Application Adapter file. GLOVIA G2 adapters take all the key table set-up and data input drudgery out of the process of importing information into – or updating – your database.

The Application Programming Interfaces (APIs) are data-modeled after the various GLOVIA G2 application products. APIs can be used for complete data migration from one system to another, or for application-to-application data exchanges such as upgrading your product catalog with a Product Data Management (PDM) tool.

Custom API File Design

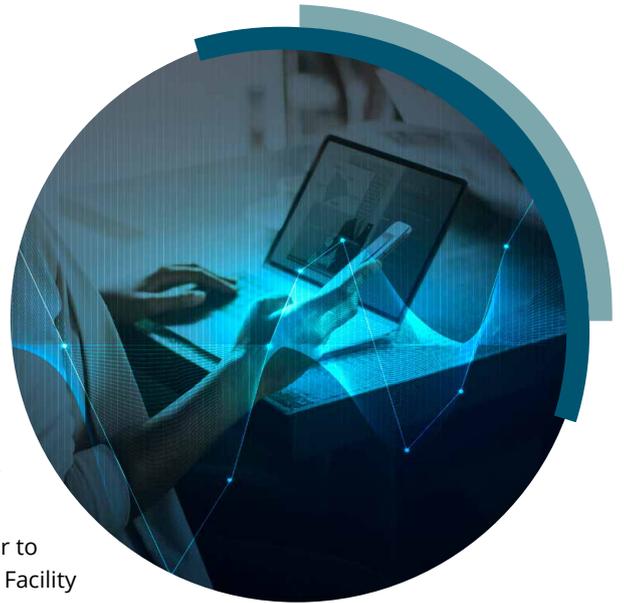
The most commonly used APIs are designed and provided as standard features of GLOVIA G2. To facilitate customized creation of APIs, refer to GLOVIA G2 External Interface Facility (EIF), which provides the tools to define and maintain the external files normally used to 'bridge' or hold data as it moves to and from GLOVIA G2.

Self-Documenting

External Interface Facility (EIF) is a complete self-documenting system. It provides standard reports on EIF-created files, functions and processing logic. The solution also provides a data dictionary in addition to cross-reference reports indicating where files and functions are used.

Simplified Data Transfer

A Data Exchange Function enables the precise mapping of data fields from a source file into a target file. Data can be split into multiple files or combined from multiple sources into a single file. The system provides options that allow you to define input / output and calculated fields easily. With standard PRO-IV logic, you can also define your own validations, conversions, file updates and error handling procedures – all without customized software or expensive programming resources.



Productivity Aids

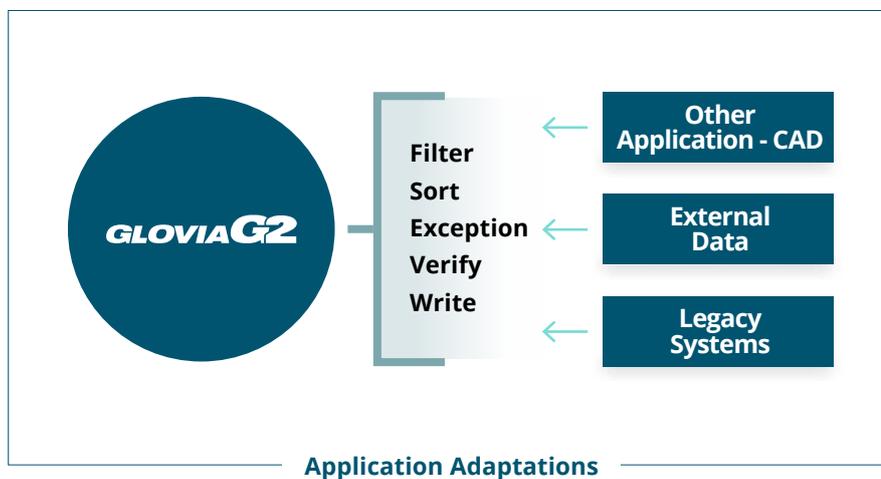
EIF offers a variety of utilities for compiling, copying, deleting and debugging functions created within EIF. A support utility allows you to copy whole file definitions or selected file segments. Using these productivity aids, you can easily create similar versions of complex files for different uses. EIF also gives you the ability to define security controls that govern and protect access to your enterprise database.

Field Attributes

- Field type definitions including external data variables, segments, and record control variables
- Data formats for alpha, numeric, date, time, and user-defined
- Definition of data storage by field type
- Define groups of data fields by segment for EDI

Data Transfer

- Flat file legacy system files into relational database
- Data integrity preserved
- Import or update data
- Rapid and quick ability to update records
- Data validation ensuring quality data transfer
- Automatically posting to database
- Exception file created for failed data transfer
- Review and modify line-by-line failed record reconciliation
- Capability to design additional adapters using GLOVIA G2 External Interface Facility



Data Exchange Design

- Input file definitions
- Combine multiple input records
- Logic statements for data selection or conversion
- “Looping” logic for ED

File Attributes

- Logical and physical name
- Path and file extension
- Descriptions

Utilities and Installation Options

Import API functions, files and specifications

Template Based Adapters

File formats pre-defined Adapters for:

- Products and Services
- Manufacturing
- Sales
- Marketing
- Procurement
- Finance
- Materials