

# External Interface Facility

## Enabling open systems information flow.

As the key open systems enabler for your business applications, the glovia.com External Interface Facility (EIF) provides a powerful tool-set for data mapping and transferring information between Glovia and other systems.

### Open Systems Flexibility

EIF is designed with the flexibility to accommodate many different types of data transfers. It can be used for complete database migration from one system to another, or for application-to-application data exchanges such as updating your payroll system with time card information from glovia.com Work Orders. With EIF you can use spreadsheet information from your PC application to quickly create or modify budgets within various glovia.com applications. Or, you can move files from CAD/CAM systems on other platforms into Engineering to maintain the latest product configurations. EIF also serves as an interface for batch data collection systems, and supports the flat-file structures required for EDI transactions.

### Self Documenting

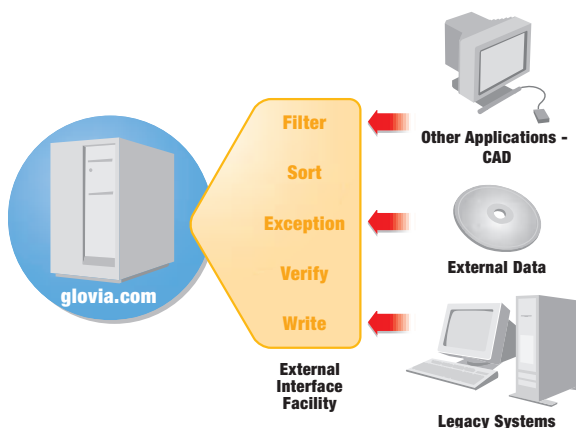
EIF is a complete self-documenting system, providing standard reports on EIF-created files, functions, and processing logic. It also provides a data dictionary, in addition to cross-reference reports indicating where files and functions are used.

### 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 easily define input / output and calculated fields. 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.

### Flexible File Design and Mapping

EIF provides the tools to define and maintain the external files normally used to 'bridge' or hold data as it moves to and from glovia.com. In most cases, these will be flat-files defined within the Glovia environment for being interfaced to, or processed by, other non-Glovia applications. EIF supports three levels of data definition: data dictionary variables, segments containing multiple variables, and physical files that may be composed of both variables and segments.

Once a file is designed, EIF data exchange functions are used to map the data transfer path between glovia.com and the external file for error-free information transfer. EIF also supports the looping logic that's required for many EDI transactions, such as purchase orders containing multiple line items.

## Data Exchange Design

- Input/output file definitions
- Map data from input to output files
- Split input records into multiple output files
- Combine multiple input records into a single output file
- Logic statements for data selection or conversion
- "Looping" logic for EDI

## Manage File Types

- Sequential
- C-ISAM
- Relational database systems
- BTRIEVE

## File Attributes

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

## 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

## Generate Exchange Programs and Files

- Create PRO-IV functions and files
- Logic debugging aids
- EIF Data Dictionary
- Define variables for use in multiple files
- Define data attributes
- Search function for variables
- Create customized help text

## Utilities and Installation Options

- Export or import EIF functions, files and specifications
- Execute operating system-level commands from EIF
- Add new EIF variables to glovia.com data dictionary
- Use standard glovia.com file definitions for EIF external file formats
- Change security and production status through EIF

## Inquiries and Reports

External Files  
External Segments  
External Data Dictionary  
EIF Functions  
EIF Function Dictionary  
EIF File and Function Cross Reference

### Glovia International

Visit our Web site at [www.glovia.com](http://www.glovia.com).

With offices worldwide, Glovia International is the leading provider of e-commerce solutions and world-class services for the digital marketplace. It is the only company to deliver a robust suite of business-to-business "transaction applications" that are fully scalable and seamlessly integrate with existing enterprise systems. With customers like Dell Computer Corporation, Panasonic, and Caterpillar, Glovia's technology enables Fortune 1000 companies to build and run the most advanced digital enterprises that boost their competitiveness in the rapidly evolving global digital economy. Glovia is a Fujitsu company.

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