GUPI

- Convert data formats

- Convert graphic formats

- Transform files into XML

- Parse bit protocols

- Extract embedded meta data

- Extract text from documents

- Scan and index email

- Crawl web sites for content

- Cleanse and convert databases

- Format log files

Intelligent Transformation with GUPI

GRAPHIC UNIVERSAL PROCESSING INTERFACE

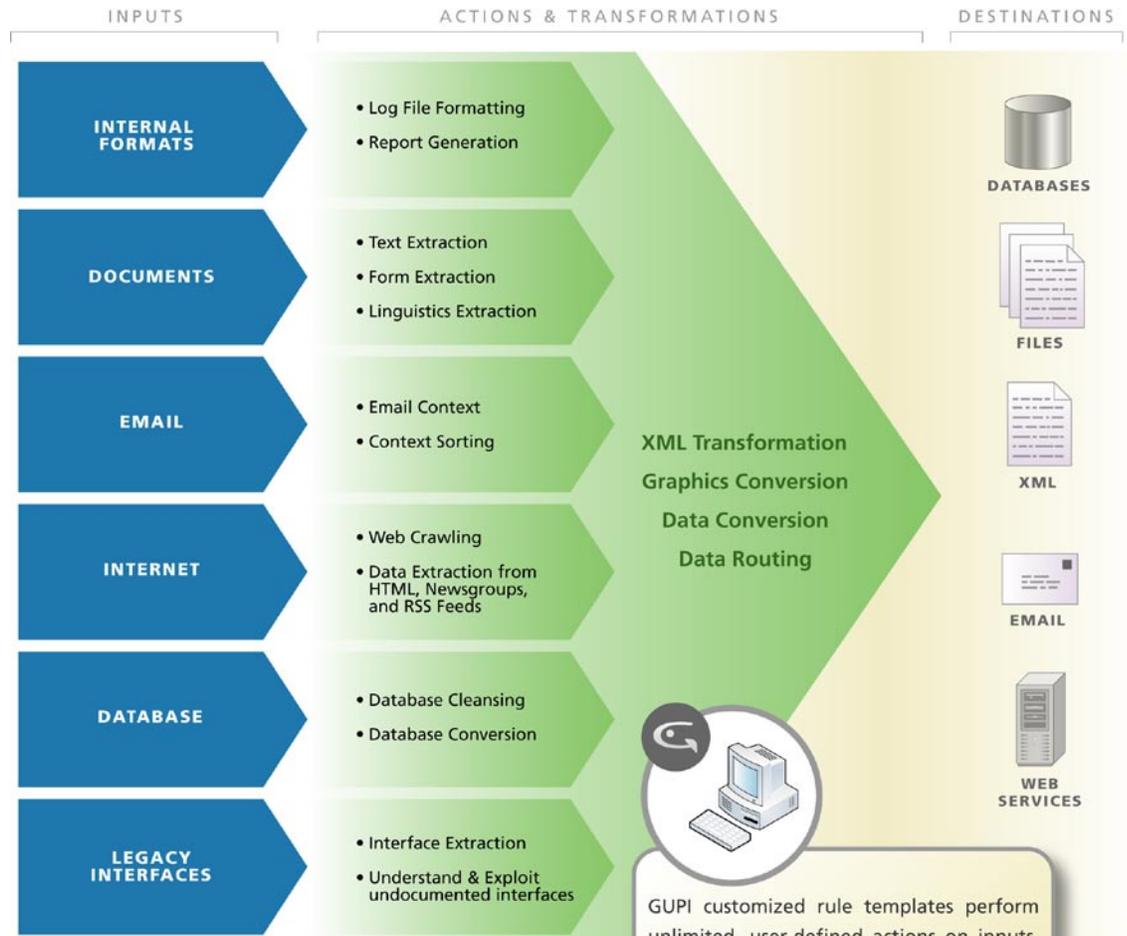Data exists in many disparate formats, from different document types to proprietary databases; from different email systems to legacy systems. The ability to understand, extract, and share the information from these formats is vital for exploiting the data to its fullest.

GUPI is a software toolset that assists in processing, transforming, and managing structured and unstructured data across the enterprise.

GUPI

INPUTS	ACTIONS & TRANSFORMATIONS	DESTINATIONS

INTERNAL FORMATS
- Log File Formatting
- Report Generation

DOCUMENTS
- Text Extraction
- Form Extraction
- Linguistics Extraction

EMAIL
- Email Context
- Context Sorting

INTERNET
- Web Crawling
- Data Extraction from HTML, Newsgroups, and RSS Feeds

DATABASE
- Database Cleansing
- Database Conversion

LEGACY INTERFACES
- Interface Extraction
- Understand & Exploit undocumented interfaces

XML Transformation
Graphics Conversion
Data Conversion
Data Routing

DATABASES
FILES
XML
EMAIL
WEB SERVICES

GUPI customized rule templates perform unlimited, user-defined actions on inputs. New templates can be created quickly or easily modifed for different requirements. Rule templates can also be automatically deployed as simple web services.

BENEFITS

- Platform Independent
- Open API
- Integrated Development Environment
- Full Web Services Compatibility

GUPI offers a centralized view of logic and real-time data viewers that allow developers to better understand and modify transformation actions for different types of input. Scripts can be developed to process and transform almost any type of protocol and easily modified to respond to new or changing protocols.

The RAD IDE provides immediate feedback of rule changes. Data Views not only show feedback, but direct developers to the exact location of problematic rules. This reduces development cycles dramatically while increasing workflow efficiency.

GUPI includes a knowledge base of rule templates so organizations can quickly customize or create new templates to intelligently transform information from documents, email, web sites, portals, legacy systems, and databases.

GUPI assigns context to unstructured data to facilitate intelligent transformation.

These transformation routines can be instantly deployed as web services. Developers can then access a master directory to browse the location, capability, and integration requirements for each posted web service.

Please contact us at info@eci-usa.net or visit www.eci-usa.net/gupi for more information.