

### Isn't it time *your* data headaches disappeared?



Data integration challenges become a *breeze* with SIP™ Enterprise.

SIP™ is the only data management solution that **really understands your business**. SIP™ is specifically designed to give business professionals greater control of their data and to reduce the time and effort normally spent for data integration, conversion or testing.

#### Business Experts

With business-specific knowledge embedded in Business Intelligent Modules (BIMs), SIP™ automatically identifies and validates data from any source to any target using a unique *patent-pending* technology. This technology, designed by experts with decades of hands-on industry experience, is the key to enabling your business to streamline, simplify and improve your data management. With SIP™, you will produce more useful and accurate information — quicker, easier, and at a lower cost.

SIP™ clients have reported a greater than 400% increase in productivity, dramatically improving profitability.

#### Designed for use by Business Professionals

If your IT department is struggling to meet your business-specific data demands, SIP™ is the answer. SIP™ can work alone or in concert with an existing Extract, Transform, and Load (ETL) tool. Since SIP™ operates at the business level and is designed for use by *non-technical business personnel*, not programmers, SIP™ can transform you into your own IT department. It is easy-to-use and provides unparalleled speed and data integrity. Put an end to the frustration and complexity of your data integration project. With SIP™, your data headaches are a thing of the past.

#### SIP™ knows your business

Immediately, SIP™ will become your *most valued* data asset. Let SIP™ tackle your data challenges. Use a *one-click* SIP™ function to calculate a loan balance, split or combine funds or extract meaningful data without a layout. You can even choose your own rounding algorithm to ensure split fund balances stay in proof.

#### Any data type, location or format

SIP™ can optimize time-consuming and tedious data mining tasks, daily legacy data extractions or feeds, and frequent data conversions. SIP™ consolidates, normalizes and converts data of *any* type, location or format and also provides advanced reporting and data validation analysis.

“ Improved productivity by over 400% ...without programming ”

#### SIP™ Business Intelligent Modules

The SIP™ Business Intelligent Module (BIM) is a key component of the SIP™ Enterprise suite. Each BIM is designed to minimize effort and save you time. Because BIMs incorporate years of business-specific knowledge, your business data is turned into meaningful *information* automatically.

BIMs add a layer of intelligence to data manipulation of any kind. Since business rules are easily integrated into BIMs, your staff need not spend countless hours deciphering, mapping, re-validating and repairing your business data. BIMs save you hours of frustration and free up your time for other tasks.

#### BIMs are the first step in the data *revolution*.

Even the most complex tasks can be accomplished without programming. With our detailed knowledge of business, SIP™ Enterprise offers expert system “shortcuts,” embedded in BIMs, to further streamline common data conversion and integration tasks which significantly reduces your cycle times. For example, SIP™ can automatically identify and distinguish between first, middle and last names, in even the most complex and inconsistent free-formatted file. BIMs are the first step in the data revolution.

With increasing competition, lower margins and constant pressure to cut costs, you need...

**SIP™ Enterprise.**  
**FLEXIBILITY,**  
**ACCURACY,**  
**SPEED.**

Even hard copy reports or journals can be processed directly. As a quality assurance tool, SIP™ can quickly and effortlessly create test data and simplify the painstaking task of creating test case scenarios. In addition, SIP™ Enterprise can provide Patriot Act *Compliance* solutions or generate a data modeling or staging environment — all without programming.

SIP™ Enterprise scales from desktop to mainframe. No other product on the market today can compete with SIP™ Enterprise in its functionality, flexibility, and sophistication.

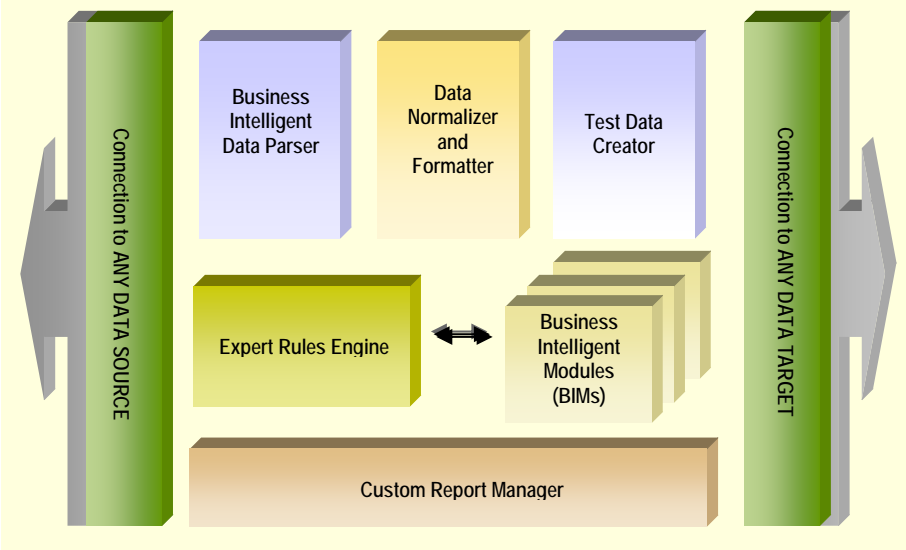


Figure 1. SIP™ Enterprise.

## SIP™ Benefits:

- Gain control over your data
- Improve data quality and accuracy
- Eliminate rework
- Reduce cycle times
- Consolidate resources
- Reduce programming
- Eliminate blackout periods
- Increase profitability
- Improve your team's productivity
- Provide better client service and increase customer satisfaction

## SIP™ Functionality at a Glance:

- **Business Wizards** - Business intelligent wizards automate tasks such as fund splitting, enrollment processing and loan processing to save you time and effort.
- **Intelligent data and field recognition** eliminates tedious data interaction steps during data feeds, data transformations, test case scenarios, data extraction.
- **Task automation** – all data extraction, mapping, and conversion tasks can be automated.
- **Compliance** – performs Patriot Act data checking, exception identification, and conformance validation.
- **Customizable templates** increase efficiency and eliminate rework.
- **Business-specific rules** are easily incorporated into the BIM, saving time and effort during data processing.
- **Test data generated automatically** at the touch of a button.
- **Full set of standard and user-customizable Reports.**
- **Format Agnostic** - flexibility to import source data (including ASCII, Binary, XML, databases and spreadsheets, Copybooks) simultaneously and export to single or multiple destinations.
- **Reconciliation** reporting.
- **"Soundex" (sounds-like) algorithms** optimize data searches.
- **Easy to use**, little or no ramp-up time.
- **Simple English language selection criteria** (user-customizable).
- **Sophisticated report parser** makes it possible for reports to be used for reconciliation or data input.
- **Translation tables** allow simple mapping of data fields.
- **Data Validation** reduces rework and ensures that data is clean before transfer downstream.
- **Scalable, flexible architecture** - SIP™ Enterprise is supported in a variety of client-server and mainframe environments.
- **Online or Batch modes** so you have the freedom to perform data operations in the background, overnight or interactively.
- **World-class support, 24x7 availability.**

### Unparalleled Data Discovery

SSN	123-45-6789
First Name	Larry
Middle Name	M.
Last Name	Smith
Title	Mr.
Birth Date	9/3/64
Address Line 1	11 Main Street

Whether you need to automatically process *thousands* of payroll feeds or *streamline* your current conversion infrastructure, **SIP™ Enterprise** is the answer.

## The Possibilities are endless...

- Data conversions
- Daily/weekly/monthly data feeds
- Data modeling
- Test data creation
- Data mining
- Staging environment
- Data normalizing and standardizing
- Reconciliation engine
- Compliance
- Decision Support
- Data migration and more...



### About REF:

REF Computer Corporation is a leading provider of quality financial software. Since 1982, industry leaders in the world of 401(k), finance, banking, and brokerage have turned to REF to help them solve a wide array of complex business problems.



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