



D H A R M A **Integrator**<sup>TM</sup>

Application Integration Hub

**Dharma Integrator**

Dharma Integrator provides a common integration layer that enables e-business applications to access a unified view of business rules and information from multiple applications. This unified view enables new online value to be created from the existing IT infrastructure.

**Unified View**

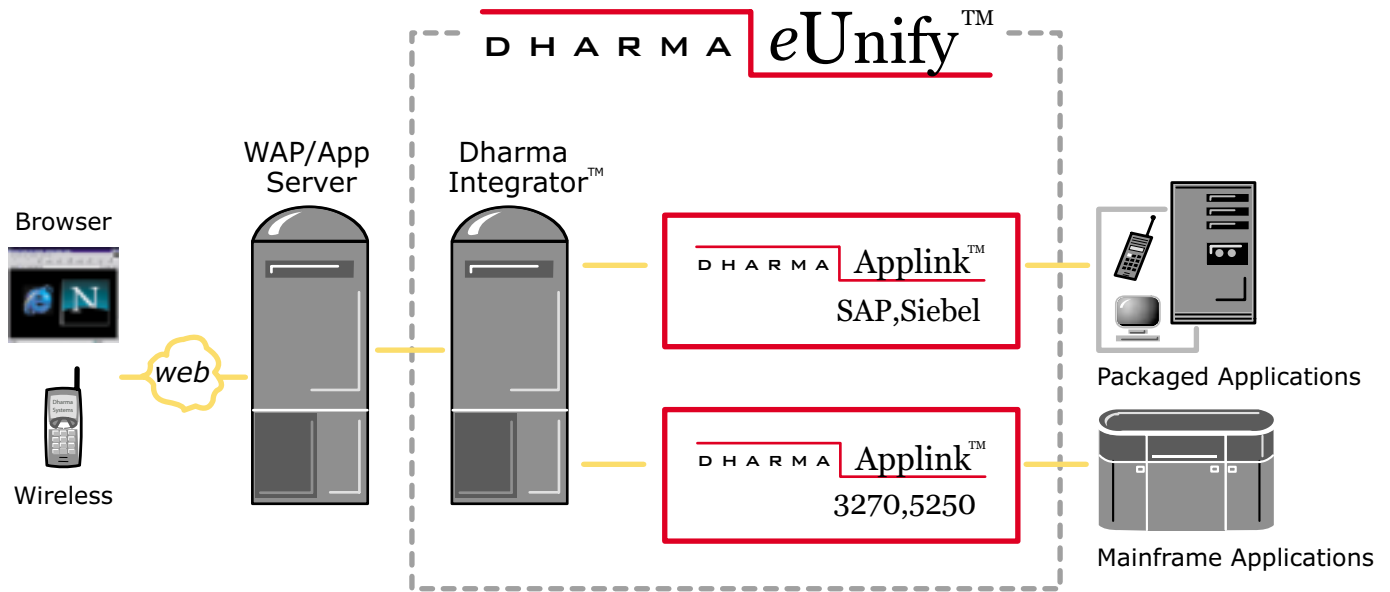
Dharma Integrator provides a unified view of a corporation's existing business rules and information. Using industry standard techniques, legacy applications are easily leveraged by Web development tools and application servers. New e-business applications are developed quickly and efficiently using well known tools and methods. With its open design and extensible architecture, Dharma Integrator also easily accommodates new requirements for application integration.

**Access to All Your Business Applications**

Dharma Integrator uses its companion "Links" to gain access to custom and packaged applications. These Link products are ready-to-run out of the box, eliminating the need for custom programming and reducing maintenance costs. Dharma Integrator, through its "Link products," combines the information and business rules from multiple applications. It provides a bi-directional interface to all of the business logic and information, making it seamlessly available to an e-business solution. Dharma Integrator receives, reads, and updates the requests and translates them into the appropriate transactions, ensuring proper execution in the existing application. The Dharma Integrator's failsafe delivery method ensures that all transactions are delivered to the back-end application.

**Highlights**

- Minimizes the impact on infrastructure by leveraging current application logic.
- Speeds deployment of e-business solutions by simplifying the integration of existing applications.
  - No custom coding required
  - Industry standard interfaces reduce the developers learning curve
  - Unified view can be used seamlessly with Internet development tools
  - GUI tools for setup of the integration schema
  - Transformation capabilities simplify program development
- Increases flexibility by providing the ability to add applications to the integrated environment without requiring modifications to the e-business solution.
- Allows multiple e-business applications to share the same integrated views.



## How It Works

As requests from e-business applications come in, Dharma Integrator identifies the application sources required to fill the request. This information may reside in custom or packaged applications.

Often a number of application sources can be used to satisfy a user's request. When this is the case, Dharma Integrator's optimizer will identify the most efficient method for meeting the needs of the e-business solution. This extensive optimization identifies the best ratio of network traffic, application load, and database server load.

Once the information is retrieved, it is rationalized. Any local processing for summing across disparate application sources or complex sorting is done at this time.

The information is then returned to the e-business application in a standardized format. The e-business developer does not need knowledge of the underlying applications.

## Additional Key Features

### *Transformation and Validation Rules*

Dharma Integrator allows simple to highly complex validation and transformation rules to map application rules and processes to meet the e-business information requirements. This transformation can be as simple as utilizing only the first five digits of a nine digit zip code field or a complex transformation requiring external data lookups and calculations. Sort order, filters, date and time functions can also be specified on the returned information.

### *Easy to use Graphical Interface*

Dharma Integrator features an easy to use graphical interface for building the unified view of information from the applications. No coding or detailed understanding of the underlying technology is required. Once

this view is built, to gain access to the unified view the e-business developer simply uses the graphical interfaces built into the Internet development tools.

### *Remote Administration*

The browser-based Dharma Integrator administrator allows remote administration of the system from any Web browser.

### *Content-Based Routing*

As a company expands through growth, acquisitions and mergers, it is likely that the same application data will be identified in different systems under various names. Dharma Integrator provides an intelligent routing mechanism that enables users to define what business transactions or data stores should be updated for a given e-business transaction, based on the content of that transaction.

### *Scalability and Performance*

When Dharma Integrator receives a query from an e-business application, it determines which application sources need to be accessed and performs extensive query optimization to best manage network traffic, application load, and database server load.

## Companion Links

Dharma Integrator utilizes its companion Link products to gain access to your business information. These products are grouped as follows:

- AppLink™ provides access to custom and packaged applications such as SAP, Peoplesoft, CICS, and AS/400 applications.
- DataLink™ A product family that provides standard access to legacy, relational and proprietary data stores.

Dharma Integrator optimizes the unification of this dispersed information and provides query and update access via JDBC, XML, or ODBC.

## Technical Specifications

<b>Server Platforms:</b>	Windows, Solaris, AIX
<b>Client Access:</b>	Windows 95/98/NT/2000/XP, Solaris, Linux