



# NXTware eCommerce Framework

The eCommerce Framework is an adaptable solution layered on top of the NXTware Evolution Server. This Custom Solution lends itself to companies building an Internet/Intranet application unique to their business, and who require a flexible and integrated Infrastructure in order to achieve their business objectives.



The eCommerce Framework is intended for those who have determined that basic software is far too elementary and for those who demand more flexibility and control when faced with the rigidity of an Internet package. The eCommerce Framework is a starting point designed to get you where you're going fast, and not restrict your vision.

Because of its singular architecture based upon standards, highly advanced technical functions critical to the growth of your business are automatically included. A legacy order processing system can easily be integrated with your Web site, regardless of the operating system.

Also, companies with a business model that dictates a multi-site strategy will find the eCommerce Framework a well-rounded and robust solution.

A multi-language strategy that is 100% database-driven enables you to add new languages without ever turning off your site. The language implementation is such that customers can experience your site in the language of their choice without losing any of their experience.

This is a critical benefit for companies who hope to deliver a standard solution throughout the world. A collection of services comprise the eCommerce Framework, making it easy to create, change, or augment business logic based on the complexities and nuances of your business. eCommerce Framework provides the core functions for electronic commerce and portal.

## Key Benefits

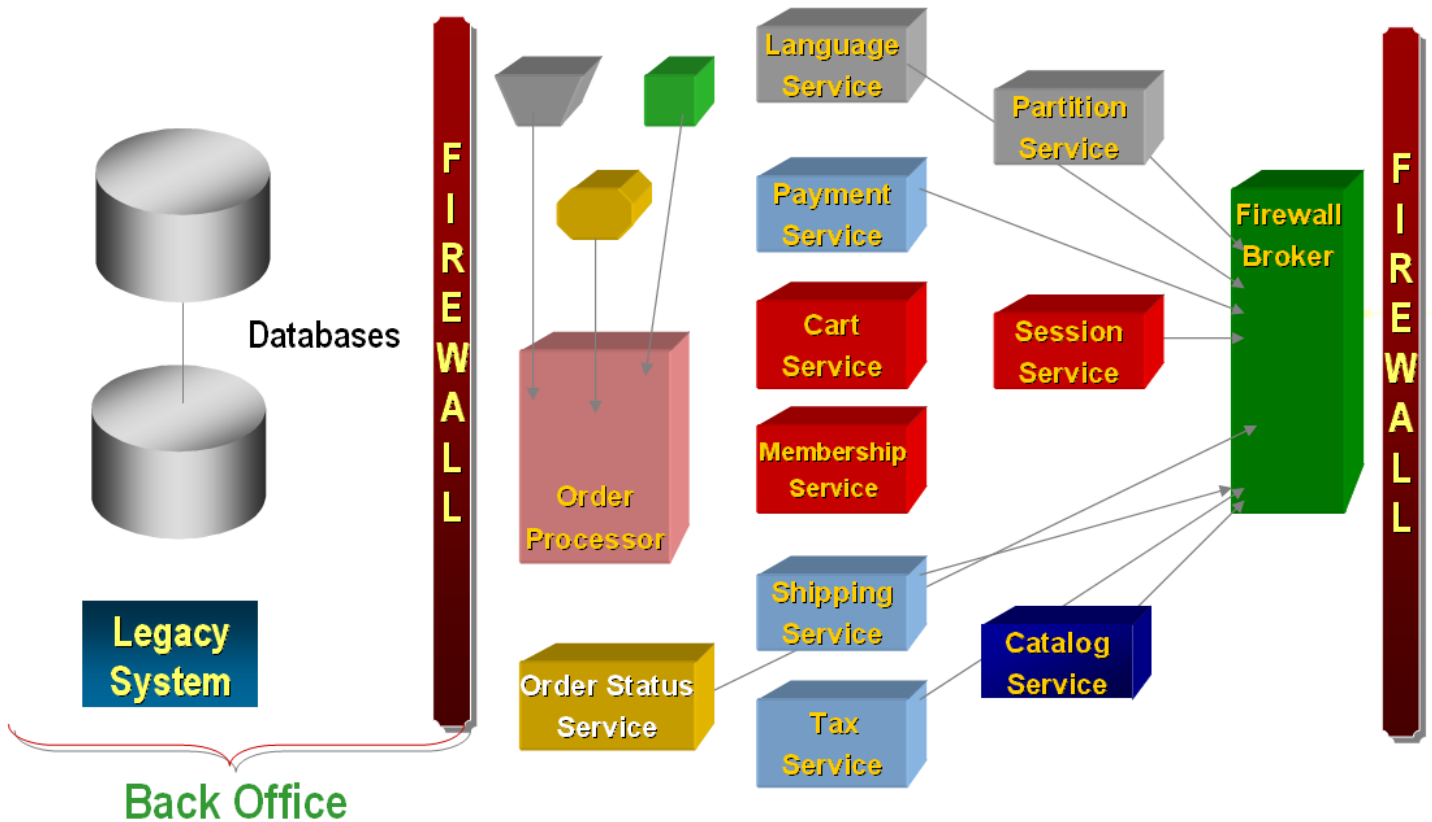
**Adaptable Framework.** The eCommerce Framework is an adaptable set of services that allows you to construct multi-lingual portals, web sites or revenue-generating Web site that conforms to your business processes from a single source code.

**Rapid Time to Market.** Take advantage of the core eCommerce functions. Design your site, integrate the services, and deliver your site.

**Total Integration with Backend Systems.** The eCommerce Framework easily links in your Web site with your existing legacy systems, allowing you to share mission-critical data with your customers and build more solid business relationships.



# eCommerce Services



## eCommerce Framework Services

Important services for an enterprise environment are included in the eCommerce Framework.

### Hosting Service

The hosting service enables you to host multiple sites (or clients if you're an ISP) from

a single hosting facility. A single set of services provides a dynamic and unique experience specific to each client. It also enables the handling of multiple sites, each called from a unique URL, from one IP address.

### Session Service

The session service handles user sessions and provides a database-independent unique session identification that enables fault tolerance and other load-balancing techniques. The session identification is controlled without the use of cookies. This enables a hardware failure to avoid causing a Web or services failure and keeps the site running. The user will have no idea a problem has occurred. Fail-over procedures will ensure the persistence of the user's shopping cart. The session service handles all communications.

### Language Service

The language service provides the different translations to the site. The language implementation is 100% database-driven, thus enabling you to add new languages without ever turning off the site. The language service implementation is such that site users can experience the site in the language of their choice without losing any of their experience.



- Support for multiple catalogs per client.

## Catalog Service

- #flowers.annuals
  - #flowers.begonia
    - #begonia.BEGONIACEAE
    - #begonia.BEGONIACEAE.BRIDAL
    - #begonia.BEGONIACEAE.BRIDAL
    - #begonia.BEGONIACEAE.BRIDAL
    - #begonia.BEGONIACEAE.BRIDAL
  - #flowers.abutilon
    - #flowers.abutilon
  - #flowers.violets
    - #flowers.violets
    - #flowers.violets
- #flowers.perennials
  - Rudbeckia
- #flowers.shrubs
- #gardening.tools
  - Ornaments

Organize your company's hierarchy of products, documents, training offering, events etc... into a database that reflects your site's navigation. Objects align with your hierarchy to create a dynamic environment, where only the most up-to-date data is reported on your site. Included are core objects (update, add, and delete) that can be specific to one item, be generalized to include a class of items, or be augmented to allow detailed technical or user preferences. Easily add, modify, and remove items from the site without having to shut the site down. Item additions and removals to the Web site can be triggered by a preset date.

Start Date	<input type="text"/>
End Date	<input type="text"/>
Title	<input type="text"/>

## Features

- Support for multiple languages
- Support for multiple entries of the same item with different pricing that will be activated based on the starting date and deactivated based on the end date.
- Support for dynamic activation and deactivation of items or categories.



Item #begonia.BEGONIACEAE.BRIDAL

Save Create a Copy Move

Active  yes  no

Start Date 03/01/2005

End Date 4/26/2005

Title #begonia.BEGONIACEAE.BRIDAL

Image BEG024.JPG

SKU BEG018A.BRIDAL

Price 3.75

Color #white,yellow

Item #begonia.BEGONIACEAE.BRIDAL

Save Create a Copy

Active  yes  no

Start Date 03/24/2005

End Date 4/28/2005

Title #begonia.BEGONIACEAE.BRIDAL

Image

SKU BEG018A.BRIDAL

Price 3.50

Color #white,yellow

## Static Content Management

Manage System Users or Ecommerce Users from a simple to use interface. The service integrates easily with existing system.

## Features

Add, Edit or Delete the static content of your different web sites. Preview your content before deploying it.

Static Content

Save Preview

Description Welcome Page

Group English Shopping Site

Static Content

```
<A href="javascript:GetListing(8)"><IMG src="/demo/new_site/images/annuel1.jpg" border=0 width=125 height=125></A><br>
Raising plants from seed is fun, very rewarding and not at all difficult. Many nurseries carry a range of packet seeds, but if you want to try some of the more exotic and unusual plants, the seeds are available from the seedsmans catalogues advertised in garden magazines.<p>
Raising plants from seeds will require some simple and inexpensive equipment.<p>
Seed raising flats are available from nurseries, or you can use plastic fast-food containers, ice cream and margarine tubs etc.<p>
```

## Static Content

- English Shopping Site
  - [Welcome Page](#)
  - [Tips and Tricks Page](#)
  - [Special Promo](#)
- French Shopping Site
  - [Page de bienvenue française](#)
  - [Trucs et Astuces](#)
- English Web Site
  - [Promo for June](#)
- French Web Site
  - [Promo for June](#)

## Users and Membership Service

- Activation and Deactivation of users
- Creation and modification of roles



### System User

Save

Username: JARHIS  
 Password: \*\*\*\*\*  
 First Name: Mary  
 Last Name: Williams  
 Active:  yes  no

Orders Administrator

Privileges

- Asseos Catalogo  yes  info  no
- Asseos Languages  yes  info  no
- Asseos Orders  yes  info  no
- Asseos Partidan  yes  info  no
- Asseos Shipping Site Members  yes  info  no
- Asseos Statis Content  yes  info  no
- Asseos System  yes  info  no
- Asseos System Users  yes  info  no
- Asseos Taxation Tables  yes  info  no
- Asseos Workflow  yes  info  no

### New System User

Save

Username:   
 Password:   
 First Name:   
 Last Name:   
 Active:  yes  no

Role: Catalog Administrator

- Catalog Administrator
- ECommerce Users Administrator
- ECommerce User
- Guest
- Manager
- Orders Administrator
- System Administrator

technology allows easy integration with other software or tax services

### Checkout Service

The checkout service determines the credit card used, validates the credit card number entered, and ensures a valid expiration date. The service can be easily integrated with many popular payment services and thus expand to handle foreign currencies and to provide direct deposit or enable fraud screening.

### Cart Service

The shopping cart is persistent, allowing a customer to return one day, or even sixty days later and buy an item they had previously selected. Custom cart characteristics are defined at the administration level where, for example, the system can be set to notify the user of an impending cart removal via e-mail.

### Shipping Service

Provides the shipping rate calculation and handles multiple ship routes and rate algorithms. Rate can be based on box count or order weight. The service integrates with popular shipping tracking services (UPS, FedEx, etc.).

### Tax Service

Provides the tax rate calculation and handles multiple tax rate algorithms. The tax service is capable of handling clients with specific tax exemptions. For more sophisticated companies, the eCommerce Framework's open systems



### **WorkFlow Service**

The WorkFlow Service is a workflow engine for logical transactions. It calls a collection of Processors that have registered themselves with the core manager.

The processes can be automated events that will receive a call through an interface, or manual events that needs to be triggered through human intervention, or through a conditional processor.

The hierarchy is a parent/child relationship that can be altered dynamically.

### **Other Services Available**

- Orders Service
- Inventory Service
- Scheduling Service

### **For more information**

Contact eCube Systems at [ev-sales@Ecubesystems.com](mailto:ev-sales@Ecubesystems.com), call 936-582-3088 or visit [www.ecubesystems.com](http://www.ecubesystems.com).