

broadleaf commerce

Features List

Microservice

Features



Admin

Centralized Admin Interface | Metadata-Driven Views | Role-Based Access Control | Security Policies | Navigation Hierarchy | Real-Time Data Validation | Customizable UI



Tenancy

Multi-Tenant Architecture | Single-Tenant Support | Tenant-Specific Data Isolation | Application Management within Tenants | Catalog Management | Brand-Specific Configurations | Vendor and Marketplace Configuration



Auth

Authentication | Authorization | Impersonation | OAuth2 Integration | Role-Based Access Control | Ownership Security Model | Integration with External Identity Providers (IDPs) | Endpoint Protection | Custom Security Filters



Sandboxing

Isolated Environments | Change Tracking | Scheduled Deployments | Approval Workflows | Real-Time Change Summaries | Data Workflow Management



Bulk Operations

Large-Scale Updates | Bulk Edits and Deletions | Optimized Performance | Data Validation | Error Handling | Undo/Rollback Capabilities



Import

Data Import Tools | Multiple Format Support | Pre-Configured Templates | Validation Feedback | Error Logs | Automated Import Processes



Scheduled Jobs

Automated Task Scheduling | Batch Processing | Cron-Like Functionality | Real-Time Monitoring | Job Prioritization | Task Logging and Execution



Metadata

Extendable Metadata Model | Custom Fields and Attributes | Dynamic Metadata Management | Product Metadata | Order Metadata | Customer Metadata | Low Code Customization



Data Management

Harmonized Data Management | Reliable Inter-Service Messaging | Data Interaction Simplification | Role-Based Back-Office Data Interfaces



Extensibility & Deployment

Unlimited Extensibility | Custom Microservices Development | Flexible API Frameworks | Integration with Enterprise Systems | Flexible Deployments | Cloud and On-Premise Support | Scalable Infrastructure | High Availability | Fault Tolerance

Microservice

Features

Transaction Suite



Cart & Checkout

Flexible Cart Management | Add/Update/Remove Cart Items | Streamlined Promotions and Payments | Multi-Step Checkout | Guest and Registered User Support | Efficient Data Management | Cart Persistence | Cart Rules | Advanced Payment Methods | Fulfillment and Warehouse Integration | Wishlist | CSR Price Overrides



Inventory & Fulfillment

Multiple Inventory Strategies | Real-Time Inventory Tracking | Inventory Location Management | Serialized Inventory Support | Backorder and Preorder Support | Stock Reservation | Fulfillment Workflow Management | Partial Fulfillment Support | Flash Sale Inventory | Shipping Calculations based on Weight/Location/Quantity



Customer & Orders

Customer Account Management | Saved Carts | Shared Carts | Assisted Ordering | Order Lifecycle Management | Order History and Tracking | Returns and Cancellations (RMA) | Customer Segmentation | Personalized Promotions | Company Account Management | Expedited Bulk Orders / Quick Reorder | Quote Management | Contract Pricing | Wish Lists | Recurring Subscription Billing



Payment & Tax

Customizable Payment Gateways | Payment Gateway Integrations | PCI-Compliant Payment Processing | Flexible Payment Options (Points | Store Credit | Saved Payment Tokens) | Split and Partial Payments | Centralized Payment Management | Tax Calculation Services | Tax Gateway Integrations | Tax Rate and Rule Management



Catalog Management

Hierarchical Data Management | Multi-Catalog Support | Product Organization by Variants | Bundles | and Add-Ons | Product Segmentation by Geography | Channel | Brand | and Price | Collaborative Tools for Merchandising Teams | Sandboxing and Change Management | Accurate Data Synchronization | SKU Creation & Management | Assign Themes Across Catalogs | Shared Catalogs Across Sites/Vendors | Multi-Currency Management | Full Merchandising Capabilities including Support for Dynamic Characteristics | Advanced Tagging | Promotional Product Associations | and Rule-Based Categories

Merchandising Suite



Product Browse & Search

Robust Search and Indexer Services | Flexible Search Engine Integration | Multi-Language Support | Faceted Search and Filtering | Enhanced Product Discovery | Real-Time Index Updates | Smart Search Faceting | Typeahead Search | Display Promoted Products in Results



Pricing & Promos

Dynamic Promotions | Time-Based Rules | Exclusions and Inclusions | Targeted Pricing for Customer Segments | Time-Bound Pricing Rules | Personalized Pricing Strategies | Flexible Promotion Configuration | Bundled / BOGO / Code-Based Offers | Fully Customizable / Tiered Promotions | Customer Loyalty Programs | In-Cart Messaging



Headless Content

API-Driven Content Delivery | Headless CMS Integration | Dynamic Content Blocks | Channel-Agnostic Content Management | Flexible Hierarchical Content Structures | Multi-Channel Content Delivery | Content Personalization and Control | WYSIWYG Editor for Widgets/Content | Personalized Content Targeting | Themes/Theme Variables