



NIMBUS

WEB STORE



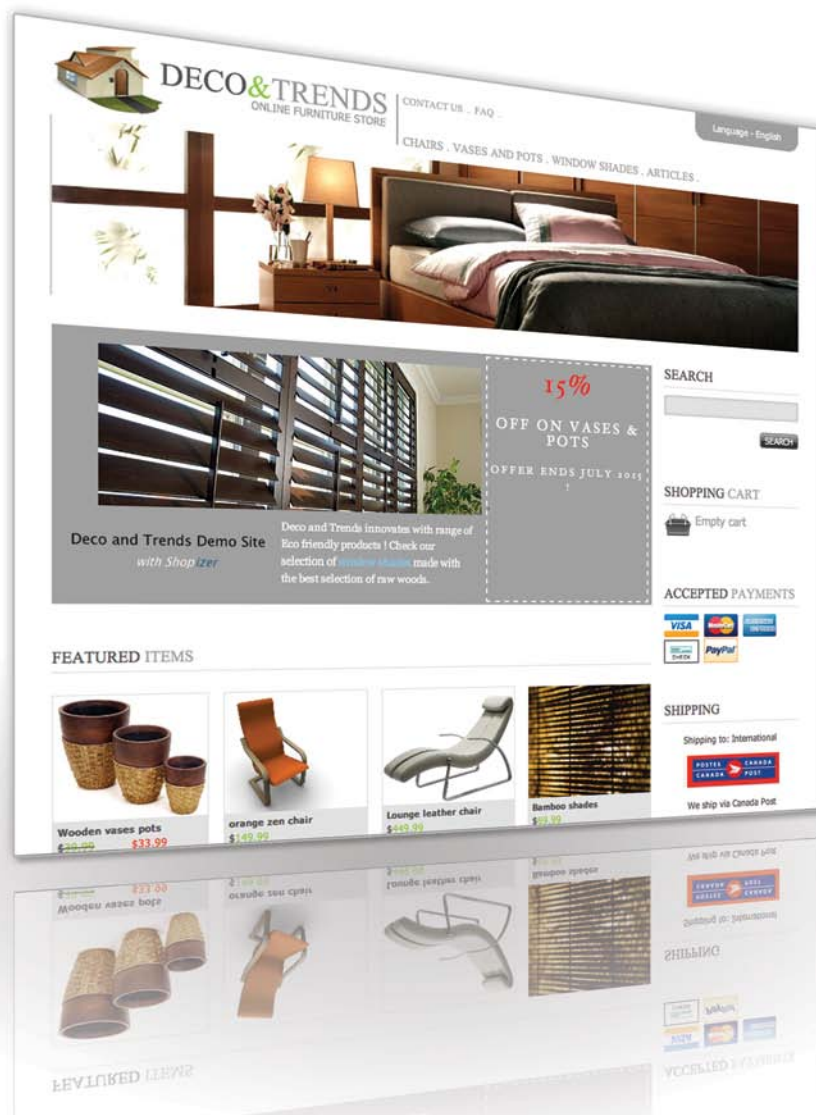
INTRODUCTION

Provida is an Australian software company that started business in 1999. Provida has always been at the forefront of delivering innovative and powerful web-based business software. The Nimbus web store developed by Provida continues that tradition. Nimbus is part of Provida's CloudSuite range of web-based cloud software solutions. The CloudSuite range includes web-based document management, web-based Electronic Data Interchange (EDI), web-based Point of Sale (POS) and web-based document workflow.

ABOUT NIMBUS

Nimbus is a feature rich cloud-based web store fully developed in Java and as such is totally compatible with all operating systems, devices and internet browsers. Java is a robust, secure and lightweight programming language that is totally at home on the web and in the cloud.

Nimbus has been designed as a standalone shopping cart with a comprehensive range of features that will attract many small to mid-sized businesses. However, Nimbus also offers powerful Business To Business (B2B) features that integrate with leading Enterprise Resource Planning (ERP) and Customer Relationship Management (CRM) software from companies such as Sage, SAP and Microsoft.

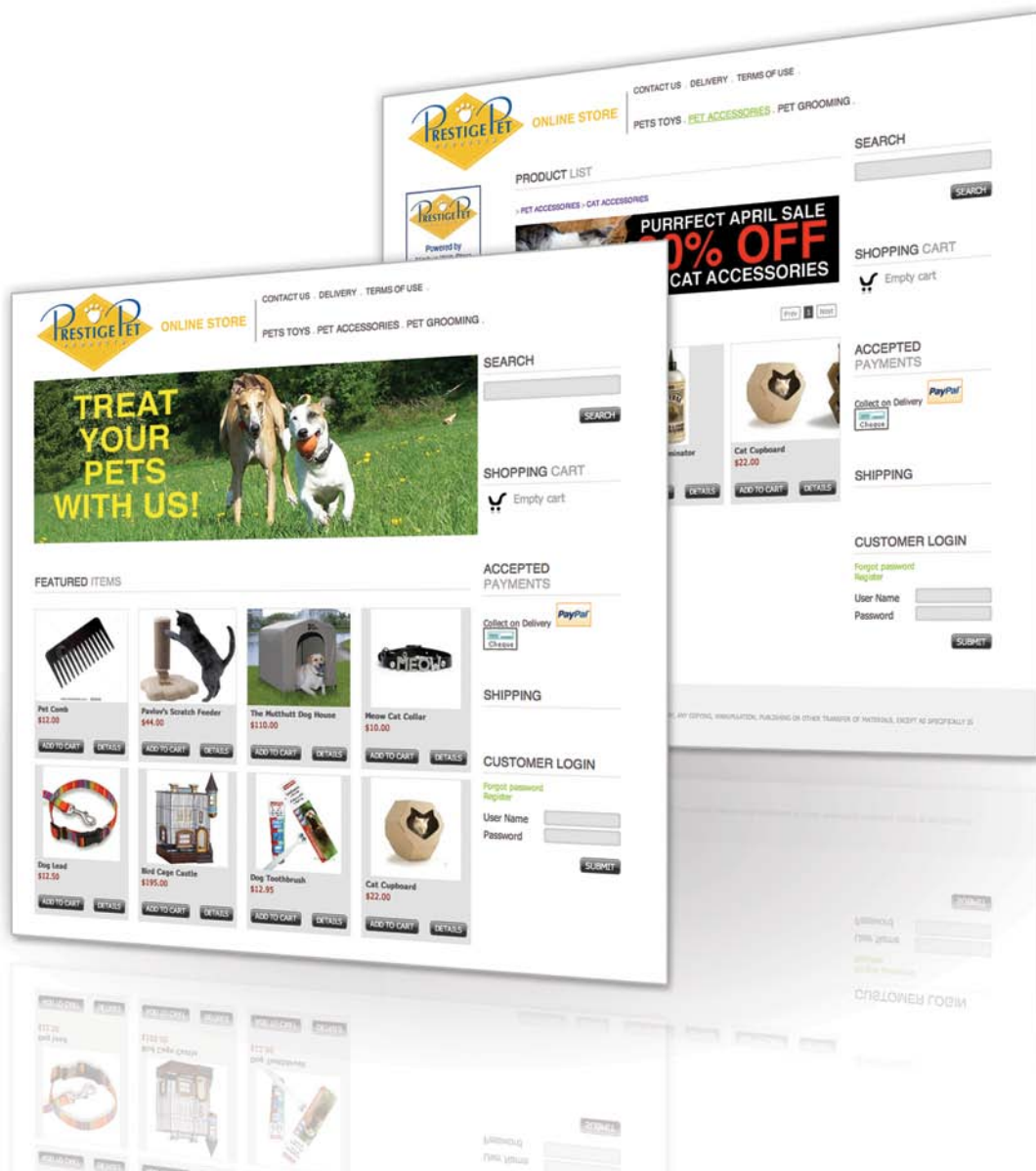


ABOUT THE CLOUD

Nimbus is provided as a “cloud” service, charged on a monthly basis. The cloud simply refers to the servers and software residing at Provida’s data centre rather than at your premises. The advantage of cloud software is that you only pay for the software as you use it. There is no need to buy, implement and maintain computer hardware. The “cloud” represents Software As A Service (SAAS) whereby software is delivered as a service (operating cost) rather than as an investment (capital cost).

The monthly charge for the use of the Nimbus web store includes: server and application hosting, power, internet bandwidth, application updates/fixes/enhancements, back-up services, SSL certificates and overall management of the service. New web stores can be set up very quickly and at a reasonable cost.

Every user of Nimbus will benefit from on-going development of the software and will receive constant enhancements automatically with minimal impact on the operations of the web store. All updates and enhancements are notified well in advance and completed outside of business hours.



BUSINESS BENEFITS

Webstore and Shopping Cart

- ▶ Create a full-featured webstore that provides customers with an intuitive online shopping experience
- ▶ Accept a wide range of payment methods, including PayPal and Google Checkout, as well as multiple currencies
- ▶ Manage multiple webstores and catalogue businesses
- ▶ After the order, your customers and partners can track orders easily through special self-service portals
- ▶ Multiple languages and pricing
- ▶ Templates
- ▶ Reserve quantity
- ▶ A number of available shipping modules.

Multiple Business Channels

- ▶ Sell your products through multiple web sites and channels—including separate websites for B2B and B2C customers, each with their own content, pricing and promotions
- ▶ Sell offline through phone orders, recurring orders and physical stores
- ▶ Flow all information into the same order management, inventory management and customer management system.

Customer Self-Service

Give each customer 24/7 access to a password-protected self-service center where they can view order status and track their packages, review and approve quotes, reorder, view their purchase history, update their shipping and payment information, request returns and refunds, and much more.

Quote and Order Management

- ▶ Eliminate quote and order errors with total quote-to-order-to-cash business process integration across sales, finance and fulfillment, as well as centralised management of all quotes and orders
- ▶ Ensure that sales is quoting based on the latest pricing and discounting rules, and increase average order size by incorporating upsell management.

Custom Pricing, Terms and Credit Limits

- ▶ Give customers their own negotiated prices, terms and credit limits
- ▶ Reward high-volume customers with lower prices, or set high-margin pricing for cash sales customers
- ▶ Convert web orders automatically to invoices with workflow managing approval, fulfillment and billing.

Billing Management and Invoicing

- ▶ Get bills into customers' hands sooner and accelerate cash flow by integrating the entire quote-to-order-to-bill process, which enables faster billing and greater billing accuracy
- ▶ Eliminate the risk of error with centralised customer, order and invoice records shared across the business
- ▶ Reduce DSO with realtime dashboards and detail reports that let you monitor orders
- ▶ Automate invoicing as well as complex recurring, time and project-based billing.

Password-Protected Content

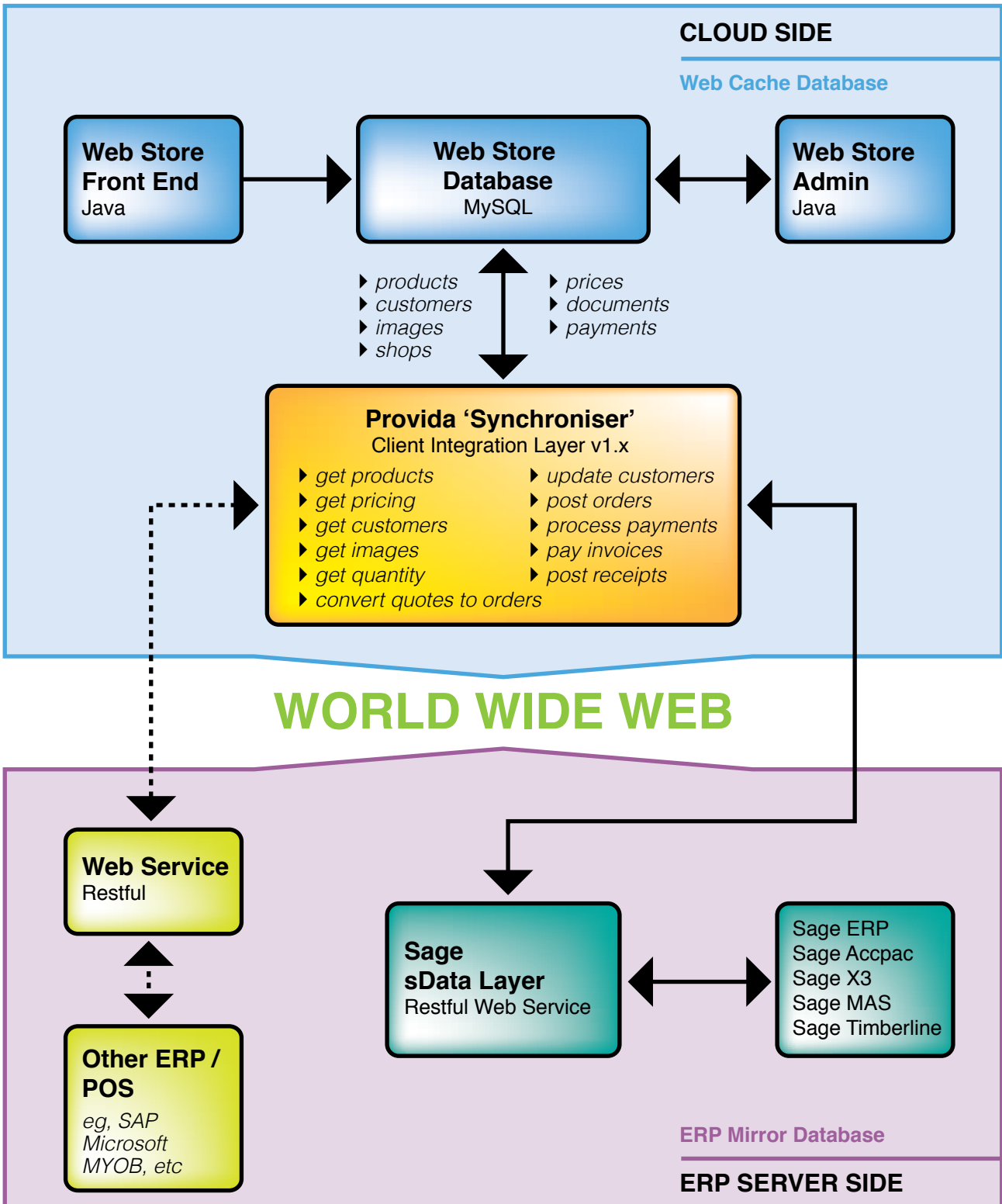
- ▶ Password-protect all or a portion of the site to restrict access to preferred customers
- ▶ Limit who can view content and pricing on your site
- ▶ Restrict your entire site, particular products or pages, or just pricing.

Realtime ERP Data Synchronisation

- ▶ Maintain data in both Web Store and ERP so as to provide a consistent business view of web-based sales
- ▶ Realtime synchronisation of key data between the Web Store and ERP software
- ▶ Data updated to and from ERP includes customers, products, product options, prices, quantities, quotes, orders, shipping, taxes, invoices and payments
- ▶ Schedule synchronisation frequency as required (e.g. manual, realtime, hourly, daily, set time, etc)
- ▶ Audit console to monitor and report on synchronisation
- ▶ Future CRM synchronisation development.

WEB STORE OVERVIEW

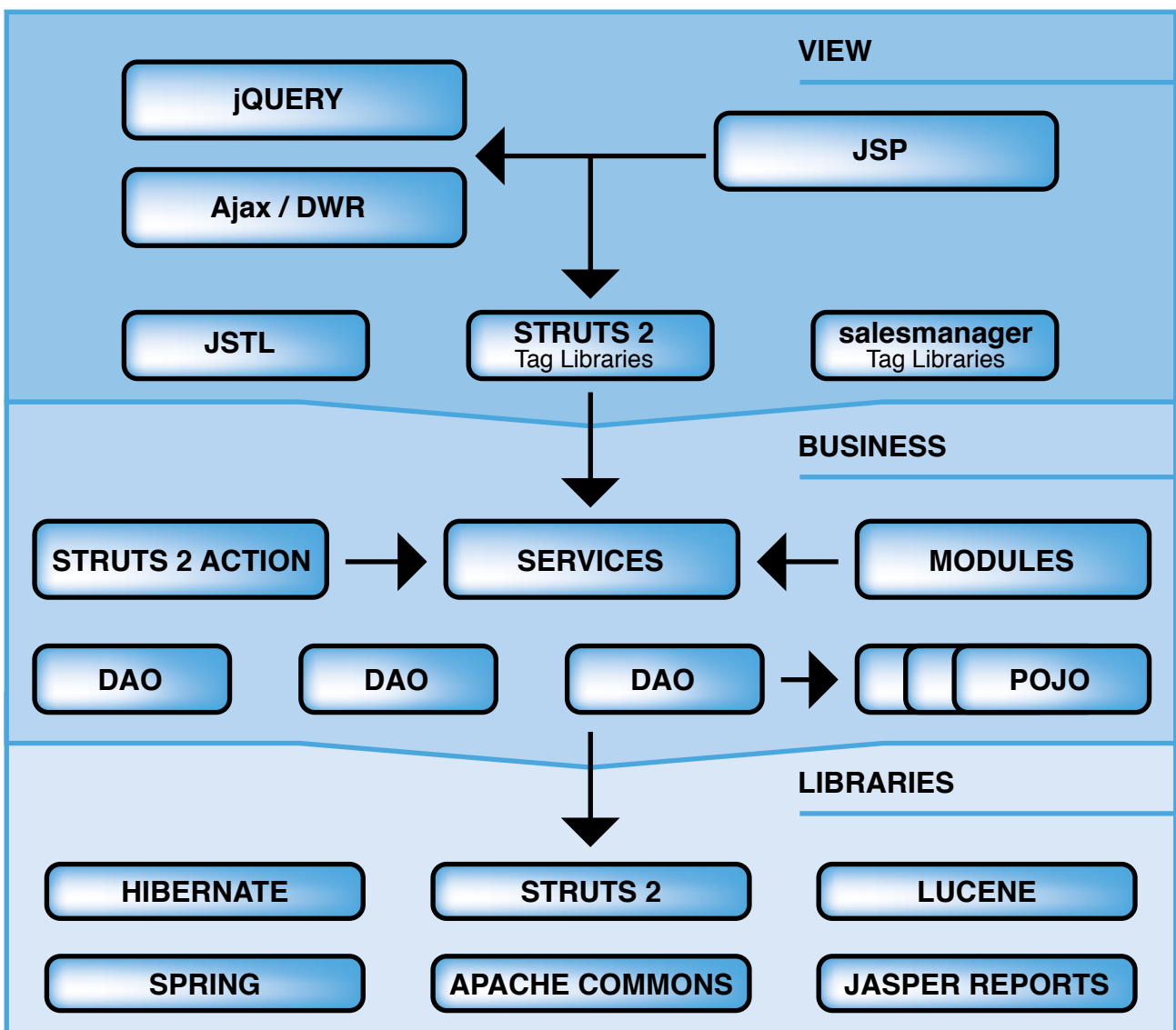
Nimbus forms part of the Cloudsuite™ range of web based software developed by Provida. Here is a diagram of the software and integration overview of Nimbus: Note that due to this architecture the web store can run standalone or in integrated mode where it's integrated with ERP or Point Of Sale (POS) software.



NIMBUS WEB STORE – OVERVIEW

WEB STORE ARCHITECTURE

Nimbus is a JEE 1.5 and up compliant web application. A set of tag libraries in the view layer exposes business entities and CMS APIs to JSP pages. 90% of the catalogue is built using Struts 2 tag libraries. JQuery and GWT plugins are used for extending UI with rich features such as modal windows and photos viewers. DWR library is used to facilitate Ajax calls with business components. Struts action classes are MVC entries to all functionalities, they use the service layer to create transactions and query data from the database. Nimbus uses the concept of 'module' for decoupling with the code and easing the integration with plug and play pieces of functionality. Integration with third party systems such as shipping quotes and payment systems are implemented using Nimbus's module framework. The system heavily uses Spring IOC and Transaction annotations. Business objects are Hibernate pojos retrieved from an associated DAO all grouped in a service facade exposed to Struts action classes and modules. Nimbus supports HSQLDB, Oracle and MySQL databases. The system is built on Struts 2, Hibernate and Spring. It uses Hibernate Search / Lucene for indexing and searching. Apache Commons libraries are used for doing common routines. Reports are generated using jasper reports. JQuery ui and ajax are heavily used on the ui as well as DWR and Struts2-jQuery plug-in.



NIMBUS WEB STORE ARCHITECTURE

FEATURE HIGHLIGHTS

Business to Consumer (B2C) Mode

Nimbus has the following B2C features:

- ▶ Shopping cart
- ▶ Australian credit card payment gateways
- ▶ PayPal integration
- ▶ Google Maps integration
- ▶ Google Analytics integration
- ▶ Search engine optimisation (SEO) on all pages, including products
- ▶ Cash On Delivery support
- ▶ Full search functionality
- ▶ Member management
- ▶ Anonymous buying
- ▶ Multi-currency
- ▶ Multi-language
- ▶ Site branding
- ▶ Web site templates and skins
- ▶ Configurable shipping module
- ▶ Configurable tax module
- ▶ New page and content creation tools
- ▶ Unlimited sub categories
- ▶ Featured items
- ▶ Product recommendations and upselling
- ▶ Full product management including configurable product options
- ▶ Price management and special offers
- ▶ Members newsletters
- ▶ Order management and reporting
- ▶ Content management system (CMS) for image management
- ▶ Product reviews
- ▶ Configure quantity options
- ▶ Merchant dashboard
- ▶ Invoicing module
- ▶ Print packing slip
- ▶ Reserve quantities.



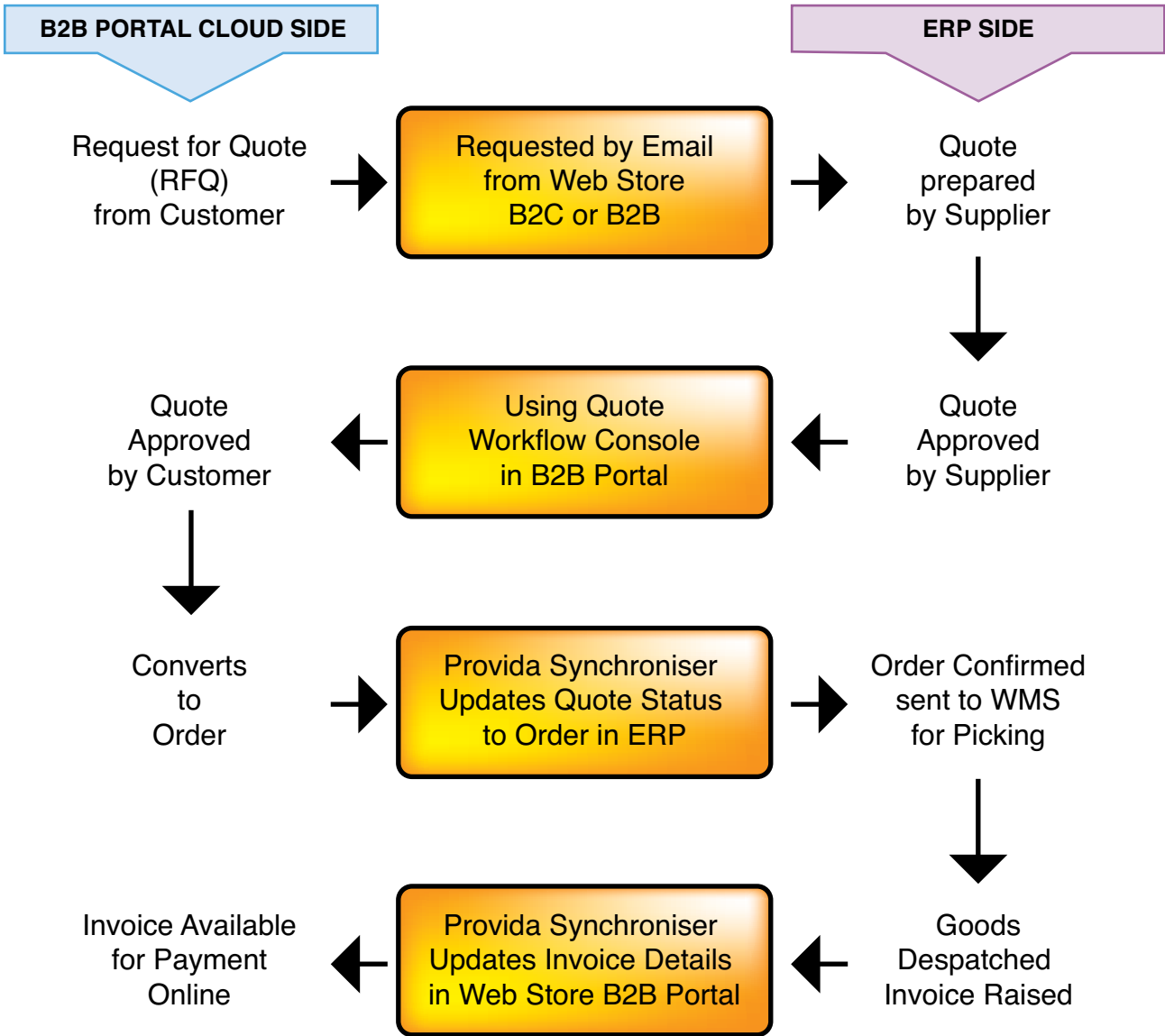
Business to Business (B2B) Mode

Nimbus B2B features include all of the B2C mode plus:

- ▶ Wholesaler or account client login plus security
- ▶ Wholesale or account client access management and security
- ▶ Customer specific pricing
- ▶ Advanced product search capabilities
- ▶ Comprehensive shipping calculation module
- ▶ Payment options – cheque, credit card, COD, PayPal
- ▶ Realtime synchronisation with ERP software
- ▶ Quantity on-hand display options, e.g. realtime reserved or available
- ▶ Administrator panel
- ▶ Self service, e.g. update customer details
- ▶ Request a quote feature
- ▶ Approve orders and email notification
- ▶ View quotes, orders and invoices
- ▶ Pay invoices online
- ▶ Checkout on account terms
- ▶ Configurable credit management for account clients
- ▶ Full purchasing history online for account clients
- ▶ Sales Rep portal for on-the-road entry of sales orders
- ▶ Track orders and shipments.

B2B QUOTE TO CASH WORKFLOW

The B2B component of the Nimbus web store offers a full quote to order work flow. Account clients can request a quote, approve quotes which are then converted to orders and approve orders which are then invoiced when the goods are shipped. The diagram below depicts the workflow:



QUOTE TO CASH WORKFLOW



WHY IS PROVIDA'S NIMBUS WEB STORE BETTER THAN OUR COMPETITORS?

Provida has developed the web store in-house over a period of 2 years. Since we own the source code we can easily tailor the solution to suit our client's specific requirements without the involvement of a third party.

Nimbus has B2B and B2C modes.

The B2B mode has a full quote to invoice workflow, including quote requests, quote approvals, order approvals and wholesale mini-site branding.

The Provida Synchroniser synchronises a range of transactions between the back office ERP software and the online web store. Order, quotes and invoices are kept in both databases. Both wholesale and retail prices are available depending on whether the customer is wholesale (B2B) or retail (B2C).

Nimbus works independent of the ERP but can be configured to connect to various ERP software such as Sage, Microsoft and SAP etc by connecting the Provida synchroniser to the back end ERP software.



TECHNICAL SPECIFICATIONS

- ▶ Java core
- ▶ MySQL database
- ▶ 128 bit data encryption
- ▶ Full Search Engine Optimisation (SEO)
- ▶ Integration with Sage CRM and Sage ERP software via Sage XML Based Restful web service called sData
- ▶ Integration with other ERP and CRM software via Provida XML based Restful web service
- ▶ Works with any browser and is fully compatible with Chrome, Safari, Internet Explorer, Opera and Firefox
- ▶ Works with Apple iDevice such as iPad and iPhone
- ▶ Compatible with Android, Windows, Linux and Apple operating systems
- ▶ Hosted and On Premise deployment options
- ▶ Flash support
- ▶ Hosted version protected by SonicWall hardware firewall and various software firewalls
- ▶ Backups daily, weekly and monthly
- ▶ 99.9% uptime guarantee
- ▶ Content management system (CMS) supports all major graphical file formats including JPG, GIF, TIFF and PNG
- ▶ Full user based security for Administrator back-end and B2B portal
- ▶ Support for flexible creation of new portlets and payment gateways
- ▶ Error tracking and management
- ▶ PCI compliant
- ▶ Google Maps Integration.



CREATED AND DEVELOPED BY **provida** SOFTWARE EVOLUTION.

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