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MAVIN PROCUREMENT PORTAL
OVERVIEW

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Contents

Introduction..... 2
Example Client Modifications..... 2
SAP Integration..... 3
Other Apps that Integrate with Mavin's MPP..... 3
Deployment options..... 4
Features..... 4
- Catalogue Management..... 4
- Catalogue Browsing..... 5
- Checkout, Payment and Shipping..... 5
- International Support..... 5
- Analytics and Reporting..... 5
- Strong Data Encryption, Hashing and Key Management..... 6
- Private Sales..... 6
- Store Credits..... 6
- Add to Cart by SKU..... 6
- Content Management System..... 6
- Scheduled Import/Export Functionality..... 6
- Staging, Merging and Rollback of Content..... 6
- Logging of Administrator Actions..... 6
- Category View and Purchase Permissions per Customer..... 6
- Optimized Indexing..... 6

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Introduction

The MPP (Mavin Procurement Portal) has been developed in collaboration with the Magento platform. Magento was selected due to its abilities with developing languages. Our MPP runs on a Linux Distribution running LAMP (Linux, Apache, MySQL & PHP) in a virtual environment. It provides a powerful backend system and a large scale customisable front-end (web page). (Magento is owned and managed by eBay and PayPal.)

MPP is configured with custom modules and extensions that enables but not limited to;

- Live open and or dedicated supplier feeds, provides stock information and pricing.
- Live Service Catalogue, enabling predetermined Service Requests to be added to Product purchases or requested as stand-alone Service Requests.
- Cost Centre and Departmental demarcation management and reporting.
- Delegated access; specific user routing groups controls the front-end view of what catalogues can be viewed and accessed based on user group rules.
- Automated processes; Magento runs automated background jobs using CRON rules enabling automatic emails on orders and order updates, self-service password reset, automated product updates and can provide many different bespoke options.
- Indexed search tool.

Example Client Modifications

DEDICATED HOMEWORKER CONSUMABLE ORDERS

- With definable product views. QTY & Time-elapse order threshold setting, plus auto-order reporting. Reduce the work-load for your Procurement Teams and enable your homeworkers to self-order only the pre-set products they require to do their job. Examples. Printer Ink, Phone peripherals, Laptop peripherals - Essentially whatever products you wish the user to view and order.

TIERED NEW STARTER PACKAGES

- One click order. With predetermined set or optional package content, speed up new starter deployment and reduce the time spent on ordering multiple products for a new starter.
  Example packages:
  General Office Based Starter. Standardised Laptop model, laptop imaging, bag, Mobile phone, tariff and phone peripherals.
  Exec Starter: Choice of laptop or tablet, choice of phone, tariff and peripherals.
- Department Specific Product & Service Sets
- User Specific Product & Service Sets

This is a short-list of examples. Our MPP has been developed with many bespoke options already available.

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SAP Integration

MPP has the ability to provide integration with SAP in different deployments.

READ-ONLY

- This option provides MPP with read-only access from SAP, in an example environment MPP would read the catalogues from SAP on an interval (once per 12 hours or 24 hours etc) and publish them into the front-end of MPP using the business rules/permissions from SAP but providing a web interface to locate products to order or browse suppliers.

WRITE-BACK

- Write-back will read the catalogues from SAP but also send information back to SAP based on orders. If the MPP cart is used it would export and translate the order information and send that over to SAP, SAP would then pick up the order info and process it through its standard rules and processes as though the order was raised in SAP.
- If the MPP cart is bypassed a plugin can be provided to redirect the MPP direct to the SAP cart, thus following the entire SAP process but with a user-friendly interface.

Other Applications that integrate with Mavin's MPP

These are the applications available off the shelf for integration with MPP. We develop for most applications connections and integrations so if there is a software package you are using that you wish to be integrated into the MPP it can always be investigated.

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Deployment options

The SAP and or other Application integration level and clients preferences, would align the options for deployment.

The MPP can be packaged to be deployed to;

A physical server onsite

- The server would reside within the Client thus providing the highest security as it can only be accessed internally (dependant on how its configured)

A remote datacentre managed by Mavin & the Client

- The server would be in a ASN network and managed by Mavin but access can be provided to the Client, this provides high resilience to access the application

A virtual clone of the server will be created and again dependant on deployment can be managed differently;

- A local backup can be managed by the Client if onsite
- A cloud backup (Azure, AWS, etc) can be created and updated on intervals, so if the server was ever to fail a virtual server can spin up and replace it in under 20 minutes.
- Both; a local and a cloud version, a local clone of the server (virtual or physical) will replace the device within minutes and a cloud version in case all connectivity to the site has failed this offers the highest level of redundancy

Features

MPP entails a large eCommerce feature rich history which allows the product to be flexible and work how you want to work.

Catalogue Management

- Simple, configurable (e.g. size, colour, etc.) bundled and grouped products
- Create different price points for different customer groups, such as wholesalers and retailers
- Virtual products
- Downloadable/digital products with samples
- Unlimited product attributes
- Attribute sets for quick product creation of different item types
- Inventory management with backordered items, minimum and maximum quantities
- Batch updates to products in admin panel
- Automatic image resizing and watermarking
- Advanced pricing rules and support for special prices
- Search results rewrites and redirects
- Moderated product tags and reviews
- Customer personalized products – ability to upload images and text (i.e. for embroidery, monogramming, etc.)
- Customer sorting – define attributes for customer sorting on category (price, brand, etc.)
- RSS feed for low inventory alerts

Access can be limited per category/catalogue within MPP and also allows multiple websites within the single deployment but can share the same catalogues and product information.

Products can be easily edited via the admin panel but also supports XML, CSV & XLS (Excel) imports to modify/remove and add products. If deployed with the write-back option any product changes made via the MPP admin panel will update SAP reflecting the exact changes.

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Catalogue Browsing

- Layered / faceted navigation for filtering of products in categories and search results - Filter products by price and display a range of prices based on even increments or by a similar number of products within each range, navigate using images.
- Static block tool to create category landing pages
- Product comparisons with history
- Configurable search with auto-suggested terms
- Breadcrumbs
- Ability to assign designs within category and product level (unique design per product/ category)
- Recently viewed products
- Popular search terms cloud
- Product listing in grid or list format

Checkout, Payment and Shipping

- One-page checkout
- Shipping to multiple addresses in one order
- SSL security support for orders on both front-end and back-end
- Saved shopping cart
- Shopping cart with tax and shipping estimates
- Configurable to authorize and charge, or authorize only and charge on creation of invoices
- Integration with multiple PayPal gateways
- Integration with Authorize.net
- Accept purchase orders
- Shipping integration with label printing - view, edit, print labels for all major carriers
- Integrated for real-time shipping rates from: - UPS, UPS XML (account rates), FedEx (account rates), USPS and DHL
- Ability to specify allowed destination countries per method
- Flat rate shipping per order or item
- Table rates for weight, sub-total, destination and number of items
- On-site order tracking from customer accounts

International Support

- Support for localization, multiple currencies and tax rates - Includes support for WEEE/DEEE in EU • Support for accented characters and right to left text
- Configurable list of allowed countries for:

  - Site registration
  - Shipping destination addresses with ability to specify per shipping method
  - Billing addresses with ability to specify per payment method
- European Union VAT-ID validation facilitates the tax collection process by automatically applying the correct tax rules according to VAT customer groups
- EU cookie notification simplifies the EU Privacy and Electronic Communications Directive compliance process by displaying an opt-in message at the top of the storefront

Analytics and Reporting

- Admin dashboard for report overview
- Sales report
- Tax report
- Abandoned shopping cart report
- Best viewed products report
- Best purchased products report
- Search terms report
- Product reviews report
- Tags report
- Total sales invoiced
- Total sales refunded

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Strong Data Encryption, Hashing and Key Management

Strong data encryption based on AES-256 and strong hashing based on SHA-256. Database keys are easily managed and updated.

Private Sales

Restrict your catalogue to specific customers. Create invitations and events for limited time sales to select customers and allow customer-initiated invitations.

Store Credits

Store credits can be created and tied to customer accounts. Orders can also be refunded with store credit or virtual gift cards which can be redeemed to make future purchases.

Add to Cart by SKU

Streamline the ordering process, by enabling them to enter a list of SKUs without having to go into product pages. This simplifies large orders, recurring orders and ordering based on offline catalogues

Content Management System

Our CMS uses a WYSIWYG editor with support for rich content. Build complex content pages, create multiple versions of a page, restrict publishing privileges and create menus. Easily add CMS pages to the navigation menu and create, copy or delete different CMS hierarchy trees for each website and store view individually or en masse.

Scheduled Import/Export Functionality

Import and export product catalogue data either locally or from remote FTP servers. Suppliers can configure for error handling, status reporting and backup.

Staging, Merging and Rollback of Content

Create a staging site to test new categories, product information, promotions etc. Content can be merged to the live site after approval, either on-demand or per a schedule. Supports on-demand, scheduled merges and rollbacks of content

Logging of Administrator Actions

Track and review all actions taken by administrator users, with the ability to see views, edits and deletions of information. Logs are associated to specific administrator users, with the ability to see the action taken, when it was made, and more.

Category View and Purchase Permissions per Customer

Manage viewing or purchasing items access by customer group. Access can be controlled globally or by specific category.

Optimized Indexing

Optimized indexing enables significantly faster indexing with limited to no impact to the customer's shopping experience. This makes it easier to add and update products more frequently while ensuring URLs, promotions, navigational menus and product search tools are always up to date while never slowing down site performance. Incremental indexing reduces the need to perform a full re-index and most indexing operations are automated.

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"We are specialists in what we do and tailor our services and solutions to support what you do, it really is that simple."

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