



PharmaPMS

Pharma Portfolio Management System.

The pharmaceutical product development cycle makes the effective monitoring of key Regulatory, Quality and Commercial criteria essential to maximise efficiency of staff and resources.

PharmaPMS provides this monitoring control.

PharmaPMS provides this effective monitoring system.

- ✓ **PharmaPMS** is a business information tool for managing generic pharmaceutical projects during the horizon, pre and post launch periods of the product development pipeline.
- ✓ **PharmaPMS** brings together information from business areas including: Artwork, Medical, Patent, Planning, Project Management, Quality, Regulatory and Sourcing.
- ✓ **PharmaPMS** becomes a maintained repository of information for a complete product list.
- ✓ **PharmaPMS** removes the spreadsheet culture prevalent in so many companies with each department working with its own version of company data, causing interactive issues and opportunities for mistakes.
- ✓ **PharmaPMS** creates a consistency of data presentation, whether Sales Launch Charts, Product Launch checklists or Product Naming Conventions.
- ✓ **PharmaPMS gives you control.**





PharmaPMS encourages the close working relationships between departments permitting a free flow of information while still maintaining appropriate control for each user on a section by section basis.

PharmaPMS - Working Together

Features:

- Simple alphanumeric list of projects providing quick access to information.
- Sales forecast import facility to assist in development.
- Display of Audit requirement dates for locations and AI Sites.
- “Actions and Response” system - highlights any outstanding actions the user has been set. These actions are particular to a Project and assigned to a user, allowing a start-up view of all outstanding actions for each user.
- Project Presentation - Clear presentation of Projects with associated Products (SKU’s- Stock Keeping Units).

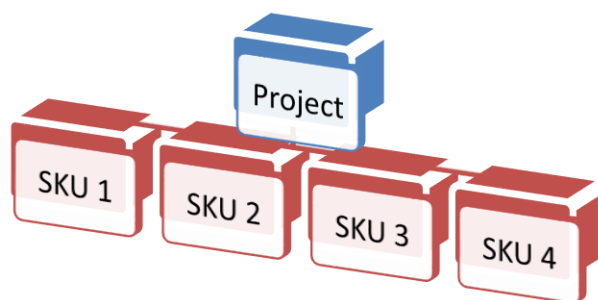
Project: <input type="text" value="Ingredient7 Tabs SSL"/>		1st Year Sales: <input type="text" value="£0"/>		Priority: <input type="text" value="Launch Plan"/>													
Project Status: <input type="text" value="To Launch"/>		Livery: <input type="text" value="SSL"/>															
Market: <input type="text" value="Retail + Hospital"/>		PLMD: <input type="text" value="10-Aug-10"/>															
<table border="1"> <tr> <td>Summary</td> <td>Artwork</td> <td>Medical</td> <td>Patents</td> <td>Planning</td> <td>Portfolio</td> <td>Product Management</td> <td>Regulatory</td> <td>Regulatory 2</td> <td>Quality</td> <td>Setup</td> <td>Actions</td> </tr> </table>						Summary	Artwork	Medical	Patents	Planning	Portfolio	Product Management	Regulatory	Regulatory 2	Quality	Setup	Actions
Summary	Artwork	Medical	Patents	Planning	Portfolio	Product Management	Regulatory	Regulatory 2	Quality	Setup	Actions						
MA Number:	Strength/Pack size:	Item Code:	Batch	Forecast	Stock on	IMS MAT	1st Year	1st Year	Shelf								
00289/0966	1mg x 28	06161	17,857	£0.44	01-Jul-09	105,000	£67,375,280	Dec,2009	7	£0	£0	30					

Surestead Solutions Ltd.

- Intuitive Software.

Project/Product relationship

A Project or Molecule can have any number of Products (or SKU's) allowing for common Project information to be shared with all SKU's (Stock Keeping Units) or Products.



- Automated Project naming. By using a combination of Active Ingredient, Brand Name, Form, Packaging type and Livery the Project Name is built up automatically ensuring consistency.
- Regulatory Timelines. Appropriate Regulatory dates (dependant on the MA Route selected) are displayed ensuring correct timeline procedures are followed.
- User Access control. Users are assigned “permissions” allowing full access, read only or no access to individual pages, restricting the data to those that should have access to it.
- Sales Launch Charts. PharmaPMS contains a number of launch charts displaying details such as: All Projects including launch information.

Launch Chart

Refresh: Period: Months: 18 Date: 11/10/2010 Markets: All Hospital Retail OTC Only

Project Name:	PLMD:	PLD:	Actual:	Sales:	Margin:	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Product 3 Tabs SSL ex Arrow	<Expired>	01-Nov-10		£0	£0															
Ingredient23 Caps SSL ex Micro Labs Ltc		01-Aug-11		£0	£0															
Ingredient2 Calcium Debrecen Tabs SSL	06-Nov-11	06-Nov-11		£0	£0															
Ingredient6 / Ingredient Tabs SSL	<Expired>	10-Apr-12		£0	£0															
Ingredient1 / Ingredient2 Tabs SSL	17-Dec-14	07-Jan-16		£972,566	£594,716															

- Industry standard Database Platform. By using Microsoft SQLServer™, support and installation costs are kept to a minimum and ensure product/platform reliability. Front end applications are either in .ADP or .net Thin client versions.

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Custom development.

The system is configurable to suit specific requirements. A core system is available containing all of the features listed previously, however Surestead is able to offer custom features developed for specific requirements. These are identified as part of a survey of needs when the technical requirements are drawn up.

Technical.

PharmaPMS.net is built on the industry standard Microsoft SQLServer™ giving superb performance across a Wide Area Network and is optimised for MS Internet Explorer 11. There is no limit to the expansion of PharmaPMS.net so can be regarded as a one-stop solution.

PharmaPMS.adp is built on Microsoft Access as an Access data Project intended for small and medium sized businesses with only a few users.

Important Information about PharmaPMS.

PharmaPMS is sold as a licensed application giving the customer an unlimited and unending right to use the system, but ownership of the Intellectual Property for the application will always remain with Surestead Solutions Ltd.

The cost is built up from the core system and would include any development involved in customising the system to suit the technical requirements.

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Key Project information by business area:

Portfolio.

A key feature within **PharmaPMS**; allows the Portfolio Manager to manage large numbers of projects with critical dates and key contacts in addition to a project summary. This key information is then repeated to other pages allowing others to view but not edit, hence sharing but protecting important information.

	Project	SKU
<u>Portfolio.</u>	✓	
Project summary	✓	
Project Status	✓	
Launch Date control	✓	
Portfolio Manager	✓	
PPM Manager	✓	
Key Market & Filing Dates	✓	
Comments Section	✓	

Regulatory.

Details of regulatory information including, a breakdown of indications, a summary of MA Numbers & Grant Date, Storage conditions, Regulatory Time lines, MA Holder, MA Route and approval & selection of relevant sites.

Items such as selection of API sites and Indications are repeated to other pages such as Patent allowing full interactivity with other departments.

A Regulatory Comments section caters for notes specific to regulatory dealings on the Project.

	Project	SKU
<u>Regulatory.</u>	✓	✓
MA Holder & Route	✓	
MA Number		✓
Legal Category		✓
MA Grant Date		✓
MA Expiry Date		✓
Storage Conditions	✓	
Regulatory timeline	✓	
Shelf Life		✓
Indication	✓	
API Source	✓	
Comments section	✓	

Patent.

Used to monitor indications and carve out status related to the Project along with setting the Patent Status.

	Project	SKU
<u>Patents.</u>	✓	✓
Status	✓	
Patent Lead	✓	
Carve out of indication	✓	
Comments section	✓	

Planning.

Details of the forecasted volumes (summarised at Project level) along with SKU Packaging and ordering information.

	Project	SKU
<u>Planning.</u>	✓	✓
Volume Forecast	✓	✓
Planner	✓	
Packaging Information		✓
Ordering Information		✓
Comments Section	✓	

Quality.

Details of quality related information including: Site Audit control, Site selection for Test, Batch & Final release and stability testing, Technical agreement and Temperature Controlled Transportation.

	Project	SKU
<u>Quality.</u>	✓	✓
Site Audit Control	✓	
Site Selection	✓	
Extended Stability Control	✓	

User Control /Setup.

Consideration is given to controlling access to certain users. Each user is allocated a "User Type" and is associated with the Network logon name. This can hide or make "Read only" pages of information. A viewer mode (cost free user) with a limited display is also configurable.

New Projects and SKU's can be created with no practical limit to numbers of projects or SKU's.

<u>User Control/Setup.</u>	Portfolio Only
Network name logon	✓
Override page permissions	✓
Viewer Mode	✓
Create New Project	✓
Create new SKU	✓

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