PMW – The Benefits

Project & Workgroup Management

- **Release Management** – PMW provides the ability to manage the deployment of product changes to ensure a smooth transition from development to production.
- **Parallel Development** - multiple changes can be made against a single production model and be deployed at different times. The tool supports these changes being made in isolation of each other but ensures that all changes are consolidated, and none are lost, by out of sequence deployment.
- **Distributed Teams** – teams of individuals can work together in a Workgroup regardless of physical location. PMW ensures that visual modelling changes are reflected to all members of a team.
- **Ring fenced changes** – Workgroups enable teams to work on different changes without impacting other teams by isolating the work carried out in one workgroup from the changes made in another.
- **Merge & Unmerge** – PMW notifies teams that will be impacted by a change in a workgroup to be issued first. Workgroups can choose to merge those changes for testing purposes.
- **Version Control** – PMW supports versioning of production product models, different development branches from different teams and provides history for multiple development revisions within a delivery team.

Quality Assurance

- **Modeling problems are reported real-time** to enable a Modeller to easily identify and fix model issues in a timely manner.
- PMW ensures **changes are not overwritten** through any out of sequence issuances.
- Users are provided with a separate, secure, **testing/training environment** to support training of other team members and ensure there is no impact to any live production environment.

Security & Support

- **Licensing** - PMW operates under an electronic license to ensure secure access to the corporate product data. Key company data cannot be taken and replicated in other environments that are out of the company's control.
- **User Roles** - PMW has pre-defined roles to support users accessing the relevant functionality of the tool. PMW Administrators maintain a user's account role. A user can be defined as either a Viewer, a Mapper, a Developer, a Modeller or an Administrator.
- **Audit Trails** - PMW provides an audit for the key transactions issued by Modellers.
- **Systemize IT Support** - the creators of the PMW software provide a range of services to manage products more efficiently and bring them to market more quickly. These services include Consultancy**,** Product Modelling**,** Requirements Capture and Analysis**,** Solution Delivery**,** Knowledge and Skills Transfer.
- **Online problem reporting** - An online reporting tool is provided for any issues that cannot be resolved locally. Access is provided to a shared area where any reported problem, from any customer, can be seen.
- **Support SLAs** - As part of the PMW License, Systemize-IT provides predefined service level agreements for fixes and ensures individuals are kept informed at all stages.
- **Future upgrades** - All software updates are provided as part of the annual PMW license.

Usability

- PMW enables **multi-user collaboration** from across the various business areas.
- **Real time visual modelling** ensures that everyone working, at the same time, can see real-time updates to any impacted Product Model.
- All **modelled components are catalogued** and added to a repository for later reuse.
- **Filtering of products on specified types** of modelling component allows consumers to focus on specific areas of interest. For example, Developers interested in calculations, business people interested in the overall product structure without the detail, or implementers focused on deploying the rules etc.
- **Obsolete content filtered** ensures that Modellers only see what is relevant.
- **Drag & Drop** modelling of existing components from the in-built repository maximizes consistency and saves time.
- **Copy & Paste** functionality allows Parts, and any child elements within that Part, to be copied and new versions created for use within other products.
- **On-line Help** is provided and updated in line with each software release.

Highly Configurable

- **New types of versioning criteria** can be created. For example, locations, customer segments, sales channels, type of manufacturer (brands), etc.
- **New types of business data** can be added to support new kinds of marketable products being created.
- **New types of modelling components** can be created to aid the readability / understanding of the product components being modelled. For example, Benefits, Coverages, Riders, etc. can all be extended to support the terminology and product architecture used with the organisation.
- **User-defined mapping structures** can be created to handle any level of mapping information being captured about how a modelling component relates to other information / systems in the organisation.

Modelling

- **PMW models specifications for agreements -** The specification of an agreement is a template for what can be agreed between two parties. For example, products for insurance agreements, intermediary agreements, reinsurance agreements etc.
- **Modelled using a 'Lego™-Block' approach** supporting a full component-based requirements gathering approach.
- **Reuse of prebuilt components** - PMW ensures that parts are available for reuse across any marketable product offered by the insurance company. The tool minimises duplication with validation of the modelled content and name matching of existing content.
- **Usage-Based Modelling** - two aspects to any modelled change:
    - The modelling of the component itself,
    - The determination of where the change applies (the usage of the change).
- **Impact Analysis** for changes made to product parts means that the Modeller is informed of the consequences of a change to the marketable products offered by the insurance company.
- '**Where Used**' functionality within PMW allows a user to easily and quickly identify where an item has been used in a Product Model.

Versioning

- Versioning provides a **complete history** of how the Product models evolve over time (during the development phase and across different issuances to production).
- As changes are made to parts within the product hierarchy, the **impact causes new versions** of the complete product model to be created.
- PMW allows **versioning of whole product trees and individual components**.
- PMW makes the **comparison of whole product trees and different versions of Parts** easy.

Reporting Capability

- **Product Specification Reports** are produced as a PDF™ file that readers can download and share with other users / business partners, who may not have access to PMW. The report is configurable to constrain content and filter on specific information.
- The Product Specification Report also details the changes between development revisions and different production versions. This delta supports the **iterative development** approach supported by many of todays '**agile**' approaches.

Support for External Solutions

- **Export to Downstream Solutions** through XML Exports to specific target solutions.
- **Export to Data Repository** for adhoc reporting requirements.
- PMW provides a configurable means to **record mappings from the product models to other sources of data**, e.g. data warehouse mappings, legacy system mappings, web Service mappings etc.
- **Import of Enterprise Domain Model (in XML form) -** PMW can import knowledge of the enterprise domain model (or target solution data model) and, with the ability to define data views on the imported model, provides a complete picture of the information associated with policies created on a specific product revision. PMW supports the ability to import models defined in a UML/XMI format.
- **Validation and management of navigation paths for input/output for rules and calculations -** With the expected inputs/outputs defined for rules and calculations, PMW supports Modellers specifying (via drag&drop from the assembled product model) the location for data to be passed to a rule or calculation at runtime. PMW provides real benefits to development and testing by ensuring the required data is available in all models at model definition time (and not execution time).