



Product Life Cycle Management

an informational guide to understanding PLM

<http://www.product-lifecycle-management.info/plm-implementation/plm-best-practices.html>

Product Life Cycle Management | PLM Implementation

What is PLM?

Function of PLM

Benefits of PLM

PLM ROI

Operational Benefits

Who Uses PLM?

Why PLM?

Do You Need PLM?

PLM vs. PDM

Elements of PLM

PLM Models

PLM Solutions

PLM Selection

PLM Implementation

PLM Cost

Implementation Process

PLM Best Practices

PLM Resources

PLM Terminology

Standards & Compliance

PLM White Papers

PLM Blogs & Websites

PLM Best Practices

Below are some best practice guidelines that may ease the implementation process, getting your PLM system up and running faster and easier.

- **Develop iteratively**
Although it is always best to know all the requirements in advance, this is often an unrealistic goal. Therefore, do not spend an inordinate amount of time upfront on requirements and design without user validation.
- **Manage Requirements**
Always keep in mind the requirements set by the users.
- **Model Visually**
Utilize diagrams and mock ups as models. Create visual prototypes and get user validation before developing any method code. Don't spend a significant amount of time developing specs without prototyping the solution.
- **Use Components**
Breaking down large projects into manageable pieces. Look for "Small Wins" that provide business value.
- **Verify Quality**
Always make testing a major component of the project.
- **Control Change**
Ensure that changes are synchronized and verified constantly.
- **Divide Implementation into Phases**
Create phases that provide business values and can be deployed independently. Build a plan for each of these phases that includes goals and be sure to give priority to important or high risk items.
- **Use References**
Check out "Writing Effective Use Cases" by Alistair Cockburn for a resource.
- **Use Cases as a Foundation**
You will most likely write two types of use cases: High Level and Detailed. These Use Cases are a foundation for documentation, training material, and test plans.

Sources:

Aras | www.aras.com