How to Establish Autodesk® PLM 360 as the Platform for Enabling PLM and Related Processes

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Class Summary

Companies often have multiple tools for supporting their product lifecycle management (PLM) and related business processes.

This situation is usually because of the limitations of individual systems and management of PLM-related projects in functional silos.

Autodesk PLM 360 cloud-based product lifecycle management provides capabilities that can address most of the PLM business process needs.

However, companies still need to build cross-functional consensus to make Autodesk PLM 360 *the* platform for their PLM processes.

This class will describe how to achieve that objective.

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Learning Objectives

At the end of this class, you will be able to:

- Plan a business value based roadmap of PLM related improvement projects,
- Build cross functional consensus on the above roadmap,
- Start executing with this roadmap, and
- Plan how to incorporate new needs/projects into the roadmap.

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The need for a roadmap

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PLM is a broad area, with multiple operational needs..

Products go through many stages from an idea to end of life – that is PLM the business process. PLM360 is designed to support the entire process.

Ideas & requirements	Design & Engineering	Manufacture & Production	Marketing	Sales	Delivery & Implementation
Concept	Specifics	Processes	Market Share	Value	Integration
Creativity	Cost	Efficiency	Differentiation	Revenue	Service
Innovation	Performance	Productivity	Brand	Proposition	Support
Possibility	Quality	Optimization	Awareness	Execution	Mitigation
Expression	Validation	Control		Delivery	Risk

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..the breadth of needs often creates challenges.

Companies often struggle to build consensus around common operational goals and process/systems improvements needed to achieve them.

Business & IT have a need & desire to make operational improvements.

Business demands & challenges:

- Rapidly evolving business models
- Divergent functional needs for operational improvements

IT demands & challenges:

- Rapidly changing software & hardware
- Need to consolidate systems
- Legacy systems environment

However some common persistent questions like these, limit progress.

- Do all functional stakeholders agree on the operational goals?
- Do we have the right processes and systems to be successful?
- What are the leading practices? Could we leverage them?
- How much will it cost and how long will it take? What resources will we need?
- What will be the organizational change impact? Can we absorb it?
- Where should we start?

A business value based roadmap that has cross functional support and governance, is the key to establishing PLM360 as *the* platform for PLM processes.

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Approach to create a roadmap

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Roadmap should link business goals & improvement projects

A combination of top-down and bottom-up analysis is needed to establish the roadmap.

Top Down Analysis

Business Goals & Key Initiatives

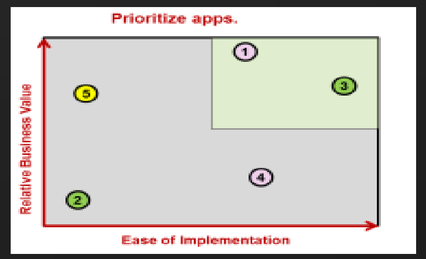
Capability Gaps

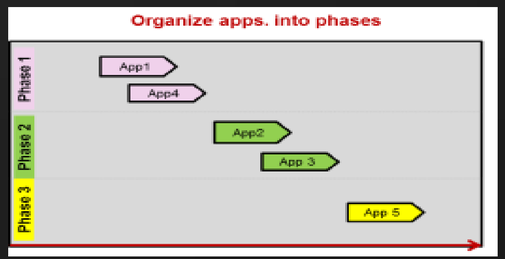
Opportunity Description	Related Current State Pain Points & Needs	Future State Benefits	Implementation Considerations
Easy method to share data outside the company Supplier Collaboration - Designs would be shared with suppliers using projects ensuring seamless access to the latest up to date information without manual conversions and updates. • Self-serve file conversions on an as-needed basis (for tooling suppliers or component suppliers) • RFQ process connected to product data; the engineer could initiate procurement requests themselves and buyers could forward them to the appropriate suppliers. • Dashboard view of activity across the functions and vendors.	• "It takes extra effort and work for me to manage our communication with suppliers." • In Korea AutoWEB is used for sharing designs with suppliers; however other means are used in other locations. • We have a significant bottleneck in flow - from the designer completing the model & buyer getting the specifications & drawings. • The key deliverables from engineering to purchasing are drawings & specs, the problem is that the drawings are often late or we need multiple feedback loops. • Often suppliers are waiting on us they are waiting for drawings, clarifications, etc. • Buyers have to make a request to someone else to make the 3D information available to the supplier. • Most engineering people now know that we have an MSPEC; but how will the supplier and purchasing people know about them ?	• Decrease the effort spent and improve the accuracy of information shared with customers and suppliers.	**Process:** Security policies and processes would need to be established about what data elements can be accessible by users outside the company **Apps/Technology:** Supplier collaboration **People:** Users in customer and supplier organizations may need to be trained. **Degree of organizational change:** Medium change

Specific opportunities for improvement

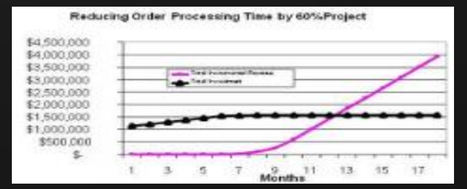
Bottom Up Analysis

Working Level Challenges,
Needs & Opportunities.
Known Projects.





Opportunities analyzed and organized into a roadmap.



Solution architecture & business case to support the roadmap

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To learn more, please contact the speaker at prayush.saraswat@autodesk.com.

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Maintain the roadmap as new needs are identified

Business needs are not static, so plan on maintaining the roadmap and governance structure on regular basis.

As new needs are identified, add to the portfolio of projects

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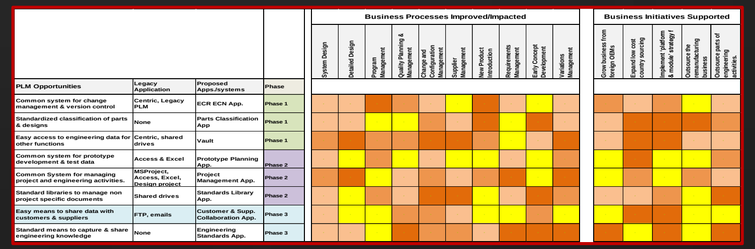

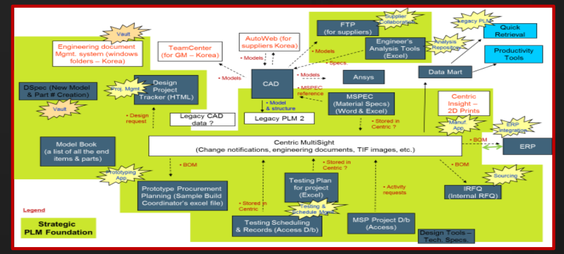

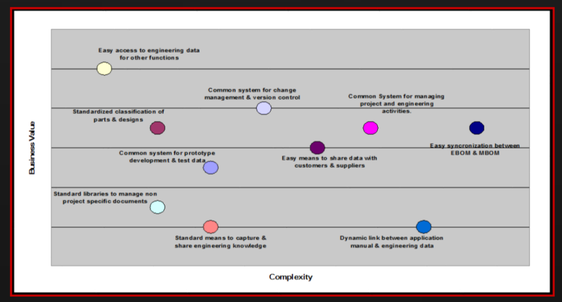

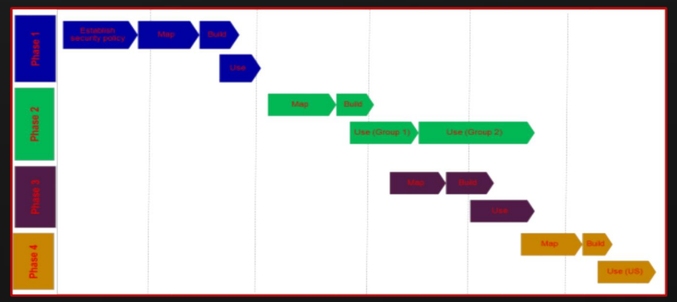

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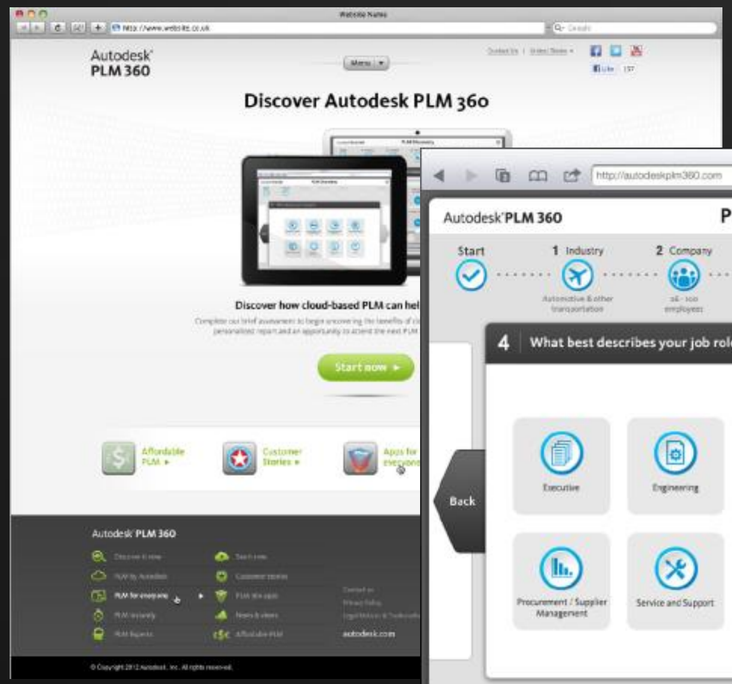
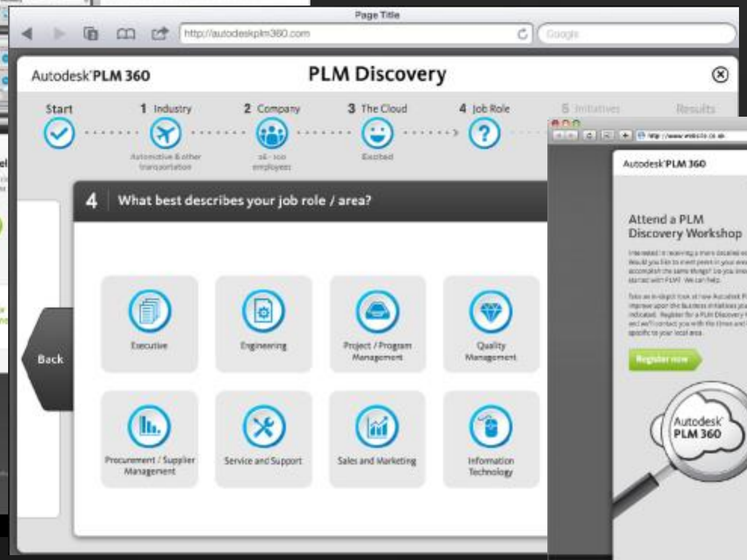
Online PLM 360 Discovery & Free Trial



Discovery ‘Start’ Page



Interactive worksheet

Summary Assessment

Free 30 day PLM 360 Trial

www.autodeskplm360.com

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