

Apps for Quality

Monitor the right details in the lifecycle to deliver a great customer experience.

The Autodesk® PLM 360 cloud-based platform is a next-generation alternative to traditional product lifecycle management that makes the benefits of PLM accessible anytime, anywhere, to companies of all sizes.

Autodesk PLM 360 Apps for Quality

Quality applications in Autodesk PLM 360 employ everyone to monitor the details most critical to quality and report anomalies as soon as they appear. Perform inspections to detect undesirable outcomes. Flag non-conforming items as the first step in determining a failure’s underlying cause. Initiate corrective or preventative actions to quickly restore the desired level of quality. Meet certification criteria with Audits that ensure employees properly follow quality procedures. Reference Document Management and Change Order to follow or control recognized measures of quality. The quality applications within Autodesk

PLM 360 give everyone an opportunity to produce higher quality results with little impact to operations.

Nimble and Efficient Quality Management

To compete and profit in today’s business environment, companies must run lean, efficient, and respond at a moment’s notice. Poor quality that results in delays, malfunctions, or rework can quickly and easily affect profitability and—if bad products reach the customer—induce a steep drop in customer satisfaction. Staying lean, however, prohibits companies from creating large, dedicated teams to police the quality of business operations.

Autodesk PLM 360 empowers team leaders already in place to enforce quality from the cloud –where everything is stored in one central location – and updates are instant, so quality managers can be confident that everyone’s on the same page,

working from the right information, and making the best product possible.

Overview of Applications

The quality applications delivered with Autodesk PLM 360 comprise Inspections, Non-Conformances, Corrective/Preventative Actions, Audits, Return Merchandise Authorization, Document Management, and Document Change Order plus Navigation and Reporting.

The next section highlights some of the important features and benefits these applications deliver.

Autodesk PLM 360 Inspection

Criteria	Evaluation	Result	Flag
Visually inspect flashlight for any visible defects or color blemishes	No issues found	Pass	Green
Put in two test batteries. Turn switch on/off several times and look for any wiggle in the operation. Shake and verify operation	The light on 7 of the flashlights flickered with minor shaking. All 7 flashlights were rejected and a non conformance report has been issued	Failed	Red
	Intensity and - been	Pass	Green



Quality applications within Autodesk PLM 360 help team leaders create closed-loop processes that drive continuous improvement and consistent results.

Pre-Configured Apps:

- Inspections
- Non Conformances
- Corrective/Preventative Actions

- Audits
- Return Merchandise Authorization
- Document Management

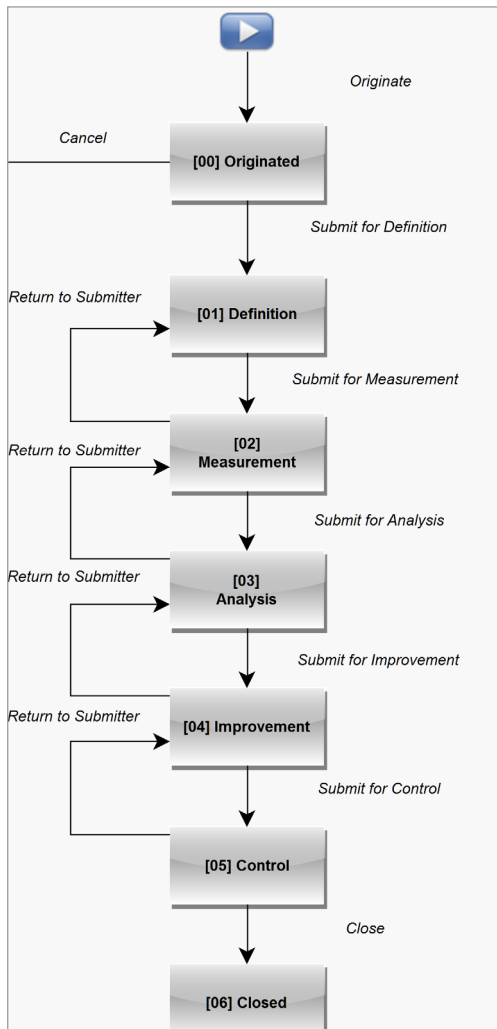
For more information about Autodesk PLM 360, visit www.autodesklm360.com

Item Details ▾		Attachments (0) ▾		Milestones (6)		Workflow Actions ▾		Change Log (2)	
Add		Edit		Current Milestone List					
Workflow State	Milestone event	Target Date	Status	+/- days from Target Date	Warning days before	Workflow Progress (%)	✕		
[01] Definition	Enter state	04/14/2012	⏪	+ 5d	5	20%			
[02] Measurement	Enter state	04/24/2012	⏪	- 5d	5	40%			
[03] Analysis	Enter state	05/04/2012	⏪	- 15d	5	60%			
[04] Improvement	Enter state	05/14/2012	⏪	- 25d	5	80%			

Inspections

Define product performance tests and criteria and clearly report all examination findings

- Easily tabulate inspection data traceable by item, type, supplier, or build designation
- Detect trends early by analyzing the results of all prior inspection activities
- Find the root cause of failed items faster by automatically by spawning a non-conformance



Autodesk PLM 360 Corrective / Preventative Actions

Non Conformances

Assess and classify failed items to quickly determine the type of corrective action necessary

- Easily trace non-conforming items from problem discovery (inspection) to originator (supplier)
- Accurately estimate the cost of poor quality using item cost, quantity, and disposition accounting
- React quickly by automatically opening corrective actions against legitimate non-conformances

Corrective / Preventative Actions

Formalize efficient quality improvement to dramatically reduce problem reoccurrences

- Easily comprehend failures from a single screen showing problem, root cause, and resolution
- Avoid redundancy by tracking investigations of probable cause and findings in one place
- Tap into experience using a searchable record of corrective actions tied to proven resolutions.

Audits

Capture process appraisal results and automatically launch appropriate corrective actions if necessary

- Simply view and assign participants by name drawn directly from the organization chart
- Avoid errors in the final activity account by systematically charting findings in real time
- Build an audit trail that automatically captures submitters, approvers, and a full change log

Return Merchandise Authorization

Log and assess rejected goods to determine where failures occur and recognize trends early

- Track warranty defects and costs simultaneously with configurable item detail attributes
- Protect valuable warranty information by initiating inspections immediately as items arrive
- Benefit Engineering, Finance, and other teams with accurate dispositions of rejected items

Document Management and Change Order

Confirm in written detail processes, methods, responsibilities, or definitions most critical to quality

- Establish document authenticity by detailing the subject matter expert and change history
- Easily understand document relationships by browsing affected items (e.g. requirements)
- Initiate formal changes to items by following a clear document change orders workflow

Navigation and Reporting

Build links, reports, graphs and dashboards that present key performance indicators at login

- Access items in one-click using favorites, pop-up menus and links to recently accessed items
- Point-and-click to uncover deep item relationships inside the relationship browser
- Quickly build custom reports by manipulating attribute lists that group, sort and filter data
- Assess initiatives at-a-glance by viewing 3D graphical reports that update automatically

As new business needs arise, customers may enhance the applications within the Quality portfolio by adding or configuring new, tailored applications as necessary.

Learn more at www.autodeskplm360.com.

About Autodesk

Autodesk, Inc., is a leader in 3D design, engineering, and entertainment software. Customers across the manufacturing, architecture, building, construction, and media and entertainment industries—including the last 17 Academy Award winners for Best Visual Effects—use Autodesk® software to design, visualize and simulate their ideas. Since its introduction of AutoCAD® software in 1982, Autodesk continues to develop the broadest portfolio of innovative software for global markets.

For additional information about Autodesk, visit www.autodesk.com.