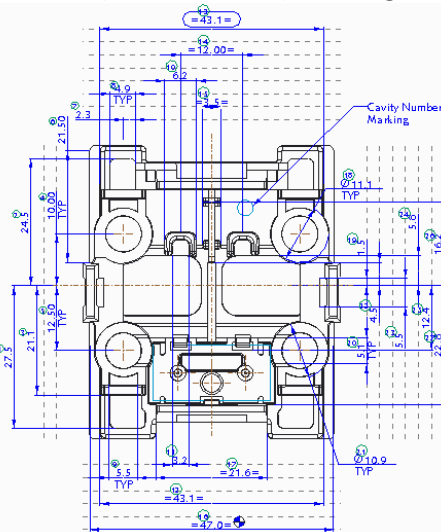# Inspection Report

## Application Overview / Market Segment Introduction:

**Inspection Report** is an add-on application developed for Creo (Pro/ENGINEER) that automatically collects, manages and documents characteristics from Creo (Pro/ENGINEER) for use in the Inspection process. It collects all type of dimensions (d#, ad#, add#, dd#), Geometric Tolerance & Annotation note and its details from Creo (Pro/ENGINEER) drawing file irrespective of the way it is created (from 3D Model / 2D Drawing) and displays it in a MS Excel file and also creates a balloon in the Creo (Pro/ENGINEER) Drawing file.



## Current State (Without Application):

- User has to manually collect the each and every dimension & Geometric Tolerance and Annotation note details from each drawing sheets.
- By Manually, User need to type in MS Excel file.

## Negative consequences:

- User will consume more time to collect the details & prepare the MS Excel file.
- There is a chance of skipping the Dimension & Other details.
- There is a chance to get the typo, read, comparison error.

## Positive Business Outcome:

- **Speed** – One click solution to propagate necessary details from Engineering to Quality departments
- **Error Free** – Eliminates errors that can be otherwise caused by multiple interfaces including typos, read errors, comparison errors, etc.
- **Enhanced User Productivity** - Eliminate Designer/Creo User's non-productive (manual entries) activities, saving up to 90% of Inspection report preparation time
- **Standardization** – Standardization of Process as per company standards
- **Simplify Inspection tasks** – Inspection data no longer has to be manually transferred from Inspection drawings into Inspection reports or CMM offline programming systems
- **ROI** – quick Return on Investment (ROI) considering the significant time savings and reduced ECN's

## How it is better:

- Works with PTC Creo (Pro/ ENGINEER) Base (Foundation) Licenses
- One-click solution that automatically determines and documents all Inspection characteristics from Creo (Pro/ENGINEER) drawings and models
- Works in conjunction with PTC Windchill/ PDM-Link or Intra-link
- Recognizes all types of Dimensions (d#, ad#, add#, dd#)
- Assigns a unique reference id (Index) number for each dimension and labels (balloon) them on the drawing as per requirement or company standard
- Customized spreadsheet (Excel) output as per requirement or company standard along with required parameter / attribute information
- Index Notes are in separate LAYER and hence easy to control their display

## Proof Points:

These are the some of companies working with help of our Inspection Report.

- KOEL
- Dukane
- Havells
- Dietech India Pvt Ltd
- Alfanar
- TMS
- Imperial

*For more info contact CADOpt Technologies Private Limited at: **info@CADOpt.com** or visit our website at **www.CADOpt.com***