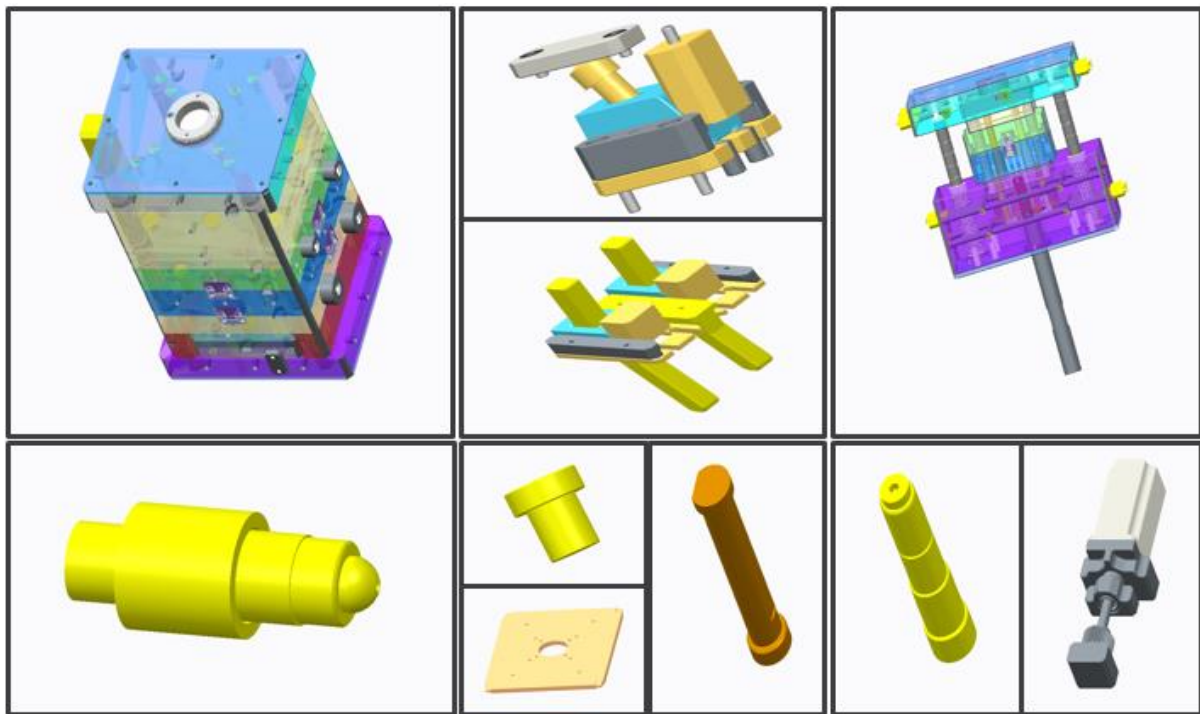# EMX Library Customization

Application Overview / Market Segment Introduction:

   EMX Library Customization makes the users to use and retrieve their company Standard components and Mold base. Components like Mold leg, Assembly tie bar, Frictional puller, Limit Bolt assembly, Cam pin slider, Dog leg Slider... etc. and Standard Mold base (2 plate, 3 plate, Baby Mold with their respective variants) are created. Screw Hole sizes, Ejector cut-outs and Part Names assignment with respective to their category have been customized to customer needs.

Current Scenario (Without Application):

User need to Manually:

- Actual practice without standard library, we have to create each standard part newly.

Negative consequences:

- User will consume more time to collect the details & create standard parts.
- Human error due to manual entry.

Positive Business Outcome:

- **ROI** – quick Return on Investment (ROI) considering the significant time savings and reduced ECN's.
    - **Speed** – Few clicks solution to get the entire moldbase assembly.
    - **Enhanced User Productivity** - Eliminate Designer's / Creo User's non-productive (manual settings) activities by Saving up to 90% reduce manual work and 40% check list point to be reduced.
- **Standardization** – Standardization of Process as per company standards.
- **Quality output:**
    - **Error Free** – Eliminates errors that can be otherwise caused by multiple interfaces including typos, read errors, comparison errors, etc.

How it adds value:

- Works with PTC Creo (Pro/ ENGINEER) Base & Expert Moldbase Extension (EMX) Licenses.
- Allows the users to retrieve only the company standard element from the EMX Library.
- Cut-out details have been mentioned for the all the library components customized.
- Automatic cut-out placement according to the components assembled.
- Relation for Pressure Sleeve & Assembly Tie bar length have been given in Std. Mold base.

List of satisfied users:

- Indo MIM.

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