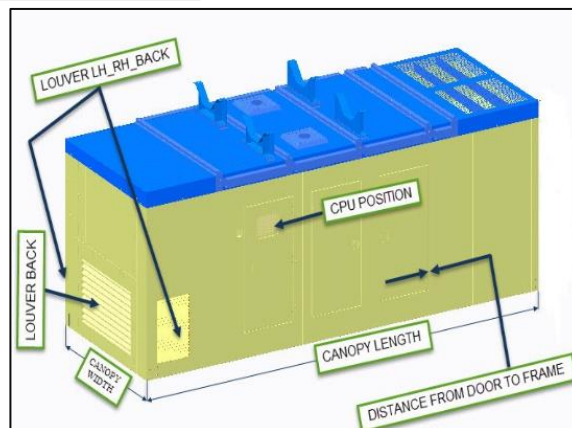


# Canopy Automation

## Application Overview / Market Segment Introduction:

Canopy automation is Streamlining the complete canopy Product Development Process (PDP). Develop an Automation for Error Free Design, Capturing Domain Knowledge, Centralized Access, Data Security, Reduce Design Cycle Time, Reusing Tools, Enhance User Friendliness. Canopy automation collects the basic information of the component and other required parameters in various forms to automatically produce complete frame assembly and drawing for genset.



## Current Scenario (Without Application):

### User need to Manually:

- User need to create all part and drawing based on size and variants.
- Once complete all part need to create assembly and drawing.
- For the above process to follow all variant.

### Negative consequences:

- User will consume more time to collect the details & prepare genset Assembly.
- Assembly and drawing creation process take more time for every variant.

### Positive Business Outcome:

- **ROI** – quick Return on Investment (ROI) considering the significant time savings and reduced ECN's.
  - **Time to market** – Few clicks solution to get entire Assembly.
  - **Enhanced User Productivity** - Eliminate Designer's/ Creo User's non-productive (manual settings) activities by Saving up to 80-90% of frame design time.
  - **Reusability**- We can use the existing project data, component for new project.
- **Standardization** – Standardization of Process as per company standards.
- **Quality output:**
  - **User Friendly Interface** - Self-Guided Screens, Representative Images
  - **Error Free** – Eliminates errors (like - Interference, wrong input value, etc).
  - **Status monitoring** – To Start, In Progress, Completed

### How it adds value:

- Works with PTC Creo (Pro/ ENGINEER) Basic Licenses.
- Few-click solution that automatically get the all the parts and entire genset assembly based on variant.
- Customized all parts and assembly drawing generate automatically, and views update based on genset size and types.
- All the dimensions and notes show and hide based on genset type.
- One-click solution Created assembly and drawings upload to Windchill.

### List of satisfied users:

- Kirloskar oil engine (KOEL)

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