

# Case Study: Enclosure Automation

## Leading Process Cooling Systems Manufacturer

### Business Challenges

- Creation of smart re-usable component library
- Automate the generation of enclosures for different industrial cooling systems
- Attributes of the smart re-usable component library to be driven from a central database
- Administration tool for editing/ maintaining the attributes

Automated generation of drawings with custom views, dimensions along with 3D PDFs and neutral viewer formats

Secured administration tool for -

- Adding/ editing of attributes of the smart re-usable component library
- Configuring drawing view generation

Provided an automation tool for –

- Rapid design of enclosure through database driven the smart re-usable component library
- Complete drawing creation with assembly instructions
- Generation of 3D PDFs and neutral viewer formats

### Our Solution

### Business Impact

Increased productivity by –

- Complete enclosure and drawing generation with assembly instructions
- Reducing the design review cycles through collaboration
- Increased design quality & accuracy

- Cost savings
- Scalable solution for – extending to additional smart re-usable component library/ enclosures