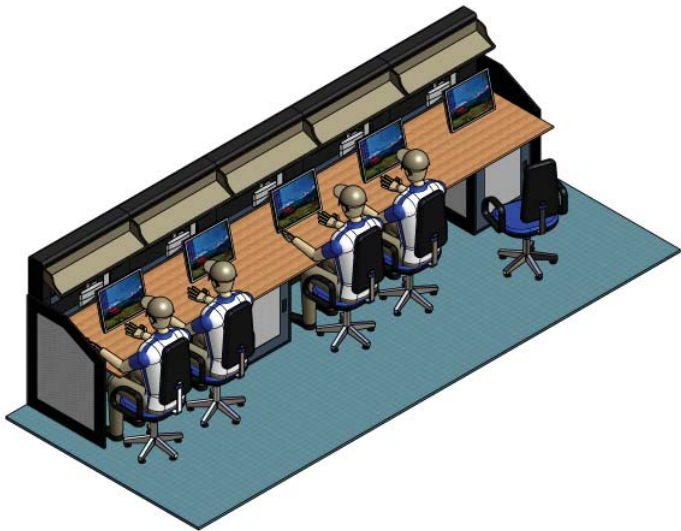




SJ Manufacturing Cuts Design Time and Increases Productivity



→ THE CLIENT

Established in Singapore in 1982, SJ Manufacturing is a leading manufacturer of enclosure systems within the Asia Pacific region. They design and manufacture products such as racks, sub racks, consoles and other OEM products. At SJ Manufacturing, they control the process from initial design to distribution and delivery, ensuring high standards are maintained at every state of production. This is to bring their customers superior products that are guaranteed to last.

→ THE CHALLENGE

To ensure that SJ Manufacturing consistently meet the customer's expectations, the SJ design team often has to work with the customer's specifications to design and configure the enclosure that the customer wants, down to size, shape and colour. "SJ Design team has to do manual calculations for the sheet metal parts and they often take a long time to create the new prototypes and 3D drawings," explains Mr. Ganesan Thiagarajan, IT Manager of SJ Manufacturing. The challenge is to design and manufacture quality enclosures and deliver them to the customer within the stipulated time period.

→ DESIRED OUTCOME

SJ Manufacturing needs a 3D solution that enables them to bring top product designs to market in the shortest possible time. That is why IMAGINiT Technologies introduced SJ Manufacturing to Autodesk® Inventor™ Suite – which includes Inventor™, AutoCAD® Mechanical, AutoCAD®, and Vault.

→ THE SOLUTION

IMAGINiT provided SJ Manufacturing with software installation, fundamental training, technical support, and on-site Vault implementation based on IMAGINiT's Assured Implementation Method (TakeAIM) to facilitate the Autodesk Inventor adoption.

"At the beginning of the Autodesk Inventor adoption, we struggled to convert all old drawings to the new Inventor format. With the tips & tricks provided by IMAGINiT technical team, the shortcuts help to improve our design capacity and speed up our design process," commented Mr. Ganesan Thiagarajan.

"SJ designers certainly improved their workmanship after attending the training courses at IMAGINiT", observed Mr. Ganesan Thiagarajan. "Plus their training material is really useful to us. The technical staff is able to answer all technical issues and helps us solve our problems wholeheartedly. IMAGINiT keeps us updated on the new product releases and software updates, as well as the tips & tricks."

→ ACTUAL RESULTS

Now, with the Vault implementation, SJ Manufacturing has the proper data management tool that helps manage and securely store design data. "It is now easier for SJ Manufacturing to organize the drawings and reduces the time needed to find the latest design data. In addition, the version management in Autodesk Vault also minimizes production errors," states Mr. Ganesan Thiagarajan. With Autodesk Inventor, the SJ designers can now draw up the 3D conceptual design for the customer's approval before it is transferred to the production and assembly facilities. Mr. Ganesan Thiagarajan concludes, "SJ Manufacturing is able to increase the overall productivity of the design team and cut down the design time with Autodesk Inventor."

