



## LEVERAGING DIGITAL PROTOTYPING TO EXCEED CUSTOMER EXPECTATIONS

### ENGINEERING THE FUTURE



*"Our relationship with the SolidCAD team began more than 12 years ago; their professionalism, knowledge and reliability are a mirror to our own core values. SolidCAD consistently supports us by making sure the right Autodesk software is backed by an expert team who respond to technical issues quickly and effectively."*

**Khaled Aboughanem**  
CAD Manager  
JNE Consulting

[www.jneconsulting.ca](http://www.jneconsulting.ca)

#### EXECUTIVE SUMMARY

For JNE Consulting, success is achieved on the strength of its vision, its team, its expertise and ultimately, its clients. Having grown from one employee working at its home base in Ontario, Canada, to more than 350 multi-disciplinary professional engineers and specialists working in 20 countries, JNE has remained true to the principles at the core of its business - honesty and integrity. JNE's team brings passion to its work and is proud to find success through innovation and excellence.

#### THE CHALLENGE

Committed to providing the highest quality engineering, JNE's strategy is adopting the right technologies to ensure value to its clients by helping them design better products, reduce development costs and get to market faster. Over the past two years, JNE's 3D modeling team has employed Digital Modeling technology to excel in the area of machine design services.

#### THE SOLUTION

JNE Consulting brought in the expertise of SolidCAD to help move its team towards 3D technology. Today, JNE remains as one of SolidCAD's longest-standing customers. By helping JNE with its 3D technology initiatives, JNE achieved outstanding results to win mega-projects and deliver advanced engineering solutions.

#### THE RESULTS

- The use of 3D imagery at early project stages led to improved client collaboration, allowed for design intent to be captured and ensured timely detection of potential problems.
- Designs are completed 50% more quickly and accurately than with 2D software.
- Ability to import existing 2D drawing files to the layout, complete and convey designs in a 3D environment and still provide 2D drawing files that many customers require.
- Lower project costs and time savings when virtual modifications trigger early model redesign and update to drawings.

#### RESOURCES UTILIZED

- AUTODESK INVENTOR
- ONGOING MENTORING
- SOLIDCAD TECHNICAL SUPPORT

