



**35%** improvement  
in the overall application  
runtime when compared to  
the old system.<sup>1</sup>

“We wanted a system that would give us accurate simulations and better, efficient performance. We chose Intel technologies from Dell and TotalCAE to have an optimized system that gives us faster and correct results.”

**Nurul Huda, lead product development Engineer, JSP**

# JSP Boosts High-Tech Manufacturing Simulations with Intel® Xeon® Scalable Processors

JSP is a leading supplier of advanced polymer-based engineering materials used in automotive, construction, civil engineering, packaging and other industries. Computer-aided engineering (CAE) is an essential part of JSP’s business success and the company needed more performance for its CAE analysis. JSP chose a managed HPC cluster appliance from TotalCAE that resides in JSP’s Michigan data center and is managed remotely by TotalCAE. The hardware is based on a Dell EMC PowerEdge R640 system with Intel® Xeon Gold® 6238 processors and the software enables simulation as a service using engineering simulation applications from Ansys and other companies. The appliance helps JSP keep pace with its growing CAE requirements while saving time and accelerating time-to-insights.

**Products and Solutions**  
[2nd Gen Intel® Xeon® Scalable Processors](#)

**Industry**  
Plastics

**Organization Size**  
1,001–5,000

**Country**  
Japan

**Partners**  
[Ansys](#)  
[Dell](#)  
[TotalCAE](#)

**Learn more**  
[Case Study](#)

<sup>1</sup> For more complete information about performance and benchmark results, visit <https://www.intel.com/content/www/us/en/customer-spotlight/stories/jsp-customer-story.html>