

# How Do Touch Screens Get Mission-Critical Equipment to Customers Faster?

With materials comprising up to 70% of a project's cost, critical-equipment manufacturers need complete control over both the shop floor and their finances. The correct quantities of highly costly welding consumables must arrive on time if customers are to receive quality products when they need them.

With KPIT Technologies, Isgec Hitachi Zosen Ltd. (IHZL) deployed SAP S/4HANA® to integrate and embed intelligence within manufacturing processes. Whereas distributing hundreds of issue slips manually at the start of a shift used to take up to 40 minutes, now touch-screen technology means workers get the right welding consumables more quickly, allowing production to start within 15–20 minutes. With information available at the touch of a button, IHZL can perform real-time monitoring and make more-informed decisions, realizing better outcomes for customers.



ISGEC HEAVY  
ENGINEERING LTD.

**KPIT**





**“The ability to deliver quality products on time, with complete control over project execution, is critical to our success. SAP S/4HANA helps us rise to this challenge.”**

Harbir Singh, Head of Operations, Isgec Hitachi Zosen Ltd. (IHZL)

Delivering mission-critical equipment to diverse customers is a high-risk business. SAP S/4HANA has helped IHZL eliminate the errors arising from manual procurement systems and provided complete insight into project execution. With advanced data analytics, it can make better decisions and get products to customers with greater cost-efficiency.



**Largest**

Manufacturer in the world of containers for transporting hazardous gases



**1,700**

Engineers and 450 designers



**90**

Countries exported to



ISGEC HEAVY  
ENGINEERING LTD.

**KPIT**



**Isgec Hitachi Zosen Ltd. (IHZL)**

Gujarat, India

[www.isgec.com](http://www.isgec.com)

[/processequipment](#)

[/ba-pe-hitachi.php](#)

#### Industry

Mill products

#### Products and Services

Manufacture of critical equipment for refinery, fertilizer, and petrochemical industries

#### Employees

4,000

#### Revenue

US\$450 million

#### SAP® Solutions

SAP S/4HANA®,

SAP Fiori® apps

# Getting Welders to the Production Line More Quickly with **Intelligent Manufacturing**

Critical-equipment manufacturer IHZL worked with KPIT Technologies to design a new inventory control management system using SAP S/4HANA. Now, customers receive their products more quickly thanks to better visibility over operations, improved procurement processes, and enhanced materials management.

#### Before: Challenges and Opportunities

- Accurately track the availability of material for made-to-order products
- Migrate from an Oracle-based PowerTerm solution for better insight into financial and procurement operations
- Gain better control over inventory using live tracking and valuation
- Reduce supply chain risk and the risk of procurement errors

#### Why SAP and KPIT Technologies

- SAP S/4HANA for a single source of data on inventory turnover, material flow, and stock transfers
- SAP Fiori apps for an any-device, mobile-first, role-based user experience that simplifies employee engagement and boosts productivity
- Faster project completion with expertise and best practices from KPIT Technologies

#### After: Value-Driven Results

- Optimized supply chain with real-time inventory visibility, from purchase requisition to goods receipt
- Faster production using touch-screen technology that allows workers to order consumables instantly
- Improved visibility of raw-material consumption and goods-in-transit stock
- Better nondestructive testing quality controls using automated monitoring and reporting

**“Real-time intelligence helps us eliminate errors and reduce risk.”**

Harbir Singh, Head of Operations, Isgec Hitachi Zosen Ltd.



Featured Partner

**KPIT**

**50%**

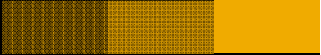
Reduction in manufacturing cycle time

**30%**

Reduction in order lead time

**50%**

Faster material requirements planning



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