A High Risk Project Management System was built on the Joget platform in accordance with the company headquarters’ high-risk project management process requirements. Upon implementation of the solution, Baowu significantly improved its data integrity with an orchestrated management of the company safety violation inspection, verification, and rectification processes.

**CHALLENGES**

Majority of occupational accidents occurred on high-risk project sites, and these high-risk projects necessitated intensive management to overcome the following challenges:

- Limited supervision coverage across multiple high-risk projects that spread across more than 10 cities
- Lack of a systematic and standardized management system to keep track of the vast amounts of information pertaining to construction, management, and safety measures

**SOLUTION**

A High Risk Project Management System was built on the Joget platform in accordance with the company headquarters’ high-risk project management process requirements. Upon implementation of the solution, Baowu significantly improved its data integrity with an orchestrated management of the company safety violation inspection, verification, and rectification processes.

**RESULTS**

- Minimized errors in the system logic control and reduced oversight in process safety management, with the implementation of several system process steps including safety listing, safety confirmation, start-up confirmation, and completion confirmation
- Optimized project safety inspections and systematically managed safety violation inspection, verification, and rectification processes
- To establish personnel information implementation control, operators are now required to perform on-site QR code scanning, sign-in confirmation, and on-site sign-out scanning code confirmation
- Ensured proper management of statistical analysis of project management information and violation data
- Significantly improved data control and data integrity with the implementation of pre-defined safety measures
- Effectively eliminated data out-of-synchronization and unauthorized worker replacements with facial recognition and digitalized personnel files

**ABOUT PARTNER**

Valuprosys Technology is a technology solutions provider specializing in no-code/low-code, management system custom development, and RPA robotic process automation implementation.

With a focus on process optimization, Valuprosys has worked with organizations across various industries such as healthcare, manufacturing, logistics, media, and more.

**CUSTOMER AT A GLANCE**

Baowu Equipment Intelligent Technology Co., Ltd focused on equipment technical services for the iron and steel industry for over 30 years.

With years of professional development and continuous integration, they have opened up equipment service offerings such as testing, diagnosis, maintenance, and manufacturing to form a system solution service model.

**Industry:** Manufacturing

**Country:** China

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**200%**
Optimized process safety management

**GREATER**
Data centralization, less silos

**STRONG**
Data control and integrity