

## ESTABLISHED STRATEGIC PARTNERSHIP TO DEVELOP OPERATIONAL SYSTEM FOR THE CONSTRUCTION INDUSTRY

With Arcstone's solutions, a top construction and civil engineering firm was able to substantially reduce their import and export logging activities by implementing web interfaces and barcode systems to replace their manual stock checking process.

### Challenges

The use of pre-casting and pre-fabrication required our client to coordinate real-time scheduling as well as closely monitor the production process from start to finish.

- **No real time visibility on pre-fabrication sites:** Manually collected data takes weeks to reach production output.
- **Challenges optimizing scheduling and production planning:** Challenging to monitor process in real time.
- **No product traceability across construction sites:** No system available to track the components flow internally.

### Our Solutions

Our software team worked closely with the client's management team to enable the pre-fabrication and pre-casting operations to run more efficiently. A digitalized production process helped our client gain real-time visibility to enable product traceability and enhance the scheduling and planning.

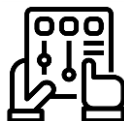


#### Dashboard for Visualization



With the implementation of arc.ops™ Dashboard Designer module, all the production KPIs could be tracked real time on portable devices.

#### Planning and Forecasting Scheduler Tool



This tool enabled quicker response times to accommodate workflow changes such as process delays or downtime from malfunctioning machines.

#### Barcode Scanning and RFID Integration Module



All components now have barcodes. This enabled operators to immediately verify if the correct parts were picked and locate the stored components quickly. This significantly reduced the picking error and time spent on storage tracking.

Start your Digitalization Journey with us today!

Visit [www.arcstone.co](http://www.arcstone.co) for more products and services  
For queries, email us at [contact@arcstone.co](mailto:contact@arcstone.co)