



Architectural Precast Case Study

Background

An architectural precast and cast stone manufacturer needed a solution to keep track of their products. In 2017, they found and adopted Idencia as their solution. With Idencia, they have been able to:

- Integrate scheduling with production tracking
- Eliminate paper from product documentation
- View operation reports in real-time

Customer testimonials

"The Idencia team has been very responsive and willing to help tailor the platform to our needs."

"We can track production from raw materials all the way through finished goods."

"Having a centralized QC database has significantly reduced the time required for documentation."

Operating challenges

As an architectural precast manufacturer, the company produces numerous pieces with designs that are unique for each job. This created several challenges for management:



Tracking production against plan and daily schedule



Managing quality control documentation



Accessing KPI data in real-time

Idencia is equipped to address all of these common challenges and more. At its core, Idencia is used by manufacturing plants to track products, collect data and produce reports for analysis.

This is done through the integration of RFID tags or barcodes for workers to scan throughout the product journey. Managers are set up with a Management Portal to configure processes, manage product data and view reports and dashboards. Workers are equipped with a mobile device and app that allows them to run through the processes and capture product information including QC data, shipping, images, signatures and more.

With all of the product data in one central repository, it becomes easily searchable for recall in the future.

How Idencia solved these primary challenges

1 Tracking production against plan and daily schedule

For architectural precast, each job involves many different pieces to be manufactured, often in specific order. Staying on schedule requires strict adherence to daily production planning.

For implementation, Idencia was integrated into the plant's own scheduling system. This resulted in work orders seamlessly getting entered into the account to track products and production. Every product is tracked through each manufacturing stage, providing managers with real-time information that can be used for analysis and production reporting.

Idencia ensures workflows adhere to a standard and repeatable process for managing quality issues and engaging quality actions.

2 Managing quality control documentation

Each QC manager had to complete paperwork for every job on the floor and file the reports manually. With Idencia, QC managers use a mobile device to input inspection information. Then, the information is synced with their web-hosted account. Reports and dashboards are automatically generated with this data.

3 Accessing KPI data in real-time

Prior to product tracking, all information from the shop floor was compiled by hand into paper reports. This led to inaccuracies and too much time looking for information.

With digital product tracking, all product data can be converted to reports in real-time, reports including:

- **Production:** to view goods produced over any period of time;
- **Job Status:** to view production and product status for each job;
- **Inventory:** to view real-time inventory records by stage;
- **NCRs:** to review and act on rejects, repairs and post-repairs; and
- **Bill of Lading:** to track products by pallet for shipment.

Going forward

Idencia is an adaptive tool that works with your workflows and improves your ability to efficiently perform your job. Adding Idencia to your tech stack helps you switch from an analog approach to a modernized way of manufacturing.

Talk with our team to learn more about Idencia and how it can help you improve your operations. Visit www.idencia.com or email us at sales@idencia.com.

