



Shea Concrete Case Study

About Shea Concrete

What began as a vision 75 years ago has grown to become one of New England's largest and most reputable precast concrete manufacturers, specializing in everything from septic tanks, to manholes and drainage structures, to bulkheads, curbing, residential steps, retaining wall systems and precast concrete buildings.

Customer testimonials

"It's all for quality control purposes," said Burns. "It's definitely helped us out and you know exactly what you're getting for a product. There's no second guessing with this inventory practice. I love technology. Whatever we can do to make things faster and more efficient, I'm all about it."

Idencia provides tools needed for Shea's quality control focus

As an NPCA certified company, Shea Concrete Products is an early adopter of electronic tracking and a longstanding Idencia customer. Their company focuses include:



Ensuring top-notch quality control



Producing the highest-quality precast products



Being an innovative, forward-thinking company

Leading the industry towards digital

"Impossible" is the word Quality Control Inspector Mark Burns used when describing the chances of Shea making a return to pen and paper to record its expansive inventory. "You'd never get done logging everything with how big we've gotten," he said. "I couldn't imagine going back to paper, absolutely not."

And for good reason. Burns and the rest of Shea Concrete Products has a leg up on the precast concrete industry thanks to Idencia and its QC tracking system.

Product tracking through RFID tags and Idencia

The system tracks quality control through the use of scanners and Idencia's Cast-A-Code™ radio frequency identification tags (RFID). These RFID tags were built in 2006-07 to electronically store information with the intent of being embedded into a product. The data is transferred via the scanner and associated to that particular product within the Idencia system. This results in the data being automatically identified and the object is tracked throughout its journey. RFID tags are more durable in comparison to barcodes and are designed to sustain heavy duty environments—perfect for the precast industry.

Since 2009, Shea has utilized RFID tags to track each of its precast concrete products before and after the pouring process. The wireless system has done what it was intended to—reduce labor costs and increase production efficiency. As Shea saw the value of utilizing RFID tags for product tracking, they began to implement tags to keep track of other elements within the plant, including molds.

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An example of an Idencia RFID tag on a mold at Shea Concrete.

Idencia, based in Massachusetts and New Hampshire, regularly works with Shea to test new products as it continues to build a global presence. Idencia company CEO Jeff Pollock believes Shea's high ranking in QC is partly due to its electronic inventory practice.

“We’ve known the Shea crew for quite a while. [President and Operations Manager] Greg Stratis is a forward-thinking guy and gets how to leverage the business,” Pollock said. “As a software developer, it’s our job to offer a value proposition to the precaster.”

“If we still logged everything through paper, we would lose space and risk documents getting misplaced. With RFID technology, we have everything we need when we need it,” said Burns. “So no, I don’t think we are switching to paper any time soon.”

How Idencia helps

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.