

# CASE STUDY

# iProcedures

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## Background

iProcedures is a perioperative data management company that offers a variety of innovative solutions to clinicians, practices, and patients. These solutions help fill the critical gaps in electronic perioperative documentation. This allows practices to capture critical data, such as clinical outcomes and operating room utilization. In turn, this allows practices to leverage data in a meaningful way and analyze it for actionable insights.

As health care data volumes grow, organizing and analyzing is key but it is a challenge due to both privacy and technology. If patient information is incomplete or unavailable, it can affect outcomes. To solve this, iProcedures built the first-of-its-kind mobile application for anesthesiologists, giving access anywhere to patient information to perform pre-operative, inter-operative, and post-operative care.

According to the KLAS 2016 Anesthesia report, “iProcedures outperforms all other anesthesia vendors in nearly every performance and customer satisfaction measure. iProcedures ensures clinician success in anesthesia by always improving upon their technology and creating a support environment that fosters customer trust.”

These customizable and scalable solutions seamlessly integrate into even the most complex healthcare systems. Contact us today to see why we are the industry leaders in technology, service and support, investment in customer success, and overall performance and satisfaction.



## Approach

As a 10-year-old health care data management firm, iProcedures' goal was to offer efficient, easy-to-use, and flexible web and mobile applications that are highly scalable across operating rooms to enable anesthesia providers to gather and review patient information in real time. They needed to maximize their product development resources to deliver it fast, and at manageable cost.

## Challenge

1

The first version of their SaaS platform lacked strong capabilities in collaboration and hand-off among health care practitioners.

2

Practitioners had to struggle documenting anesthetic orders form by form, slowing down the treatment process.

3

Initial architecture was built on an older technology that was unable to scale as needed by providers.



"We've been able to scale very quickly and maximize our growth. This collaborative partnership will continue to expand."

- Raj Popuri, Founder and CEO, iProcedures

## Response

When iProcedures presented their needs to SSTech, SSTech saw a lot of commonality with many of the projects they have done for other clients. This helped them to understand and deliver to iProcedures' needs very quickly.

System Soft employs pre-built, pre-tested software components from its library to develop highly-scalable, customizable, high-quality applications quickly and at lower cost, while complying with internal protocols.

System Soft Technologies suggested development and deployment of a new architecture that would address the limitations of their initial platform

## Solution

SSTech developed a new architecture for iProcedures, taking into consideration all the requirements of the client and added some enhanced features on top of it.

**“That’s a big reason we created our patient information portal, giving anywhere-access to providers to fully inform pre-operative, intraoperative, and post-operative care. If a patient’s information is inaccurate or incomplete, an optimal outcome is at risk. We also wanted to give care providers mobile access to their quality measures from patient treatment.”**

Raj Popuri,  
Founder and CEO, iProcedures

## Results

SSTech was able to deliver an application that made it possible for a user to see the entire perioperative process end-to-end. It was completed rapidly to accommodate tight deadlines.

“For the last seven years, System Soft’s understanding of complex product interfaces, deep engineering expertise, knowledge in predictive analytics, and collaborative approach have aligned strongly with how iProcedures works. This resulted in bringing in industry-leading technology products and platforms for iProcedures.

We know there are many IT solution providers, but service offerings and prices vary. We liked System Soft’s small/medium business focus and their large, cutting-edge technology pool. We were very impressed with their focus on building long-term client relationships. They bring together deep skills in business and technology strategy, product ideation, technology development and deployment, and resources to help support clients.”







### Features

- ✓ Cloud integration
- ✓ Data analysis
- ✓ Compliance
- ✓ Billing
- ✓ Standard forms
- ✓ Controls

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## How can SSTech help you?

Let's explore that together.

Whatever your IT needs, System Soft Technologies has the technical acumen, experience, and collaborative approach to help you boost your competitiveness and market success while reducing your overall costs.

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