



# Sapfonte

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## PillSafe Product Summary

### PillSafe by Sapfonte

Sapfonte is proud to present an innovative mobile application that leverages machine learning, image recognition, big data, and cloud technology to promote public awareness of the potential side effects and adverse events of pharmaceuticals.

### Functions and Features

Precisely identifying a pill based on its physical appearance is crucial for pharmacists to correctly dispense it, and for patients to address medication safety concerns. Imprint, color, and shape uniquely identify a pill, including its drug classification, generic name, dosage regimen, and black box warning. Applying Google AutoML Vision technology, Sapfonte developed an advanced machine learning solution to recognize pills from pictures taken by mobile devices.

On top of this solution, our team developed PillSafe. It's a comprehensive pill identification app that uses pill recognition in conjunction with our big data analytics solution on drug open data, along with advanced cloud and mobile technologies to help patients have safer, accurate, and convenient medication usage. With 8000+ official pill images from NIH, and a self-built drug library with 21,000 drugs, we believe our image recognition technology will accurately distinguish most medications.

Our goal is to improve medication safety by streamlining the factors that contribute to public health, wellness, and awareness.

PillSafe Key features include:

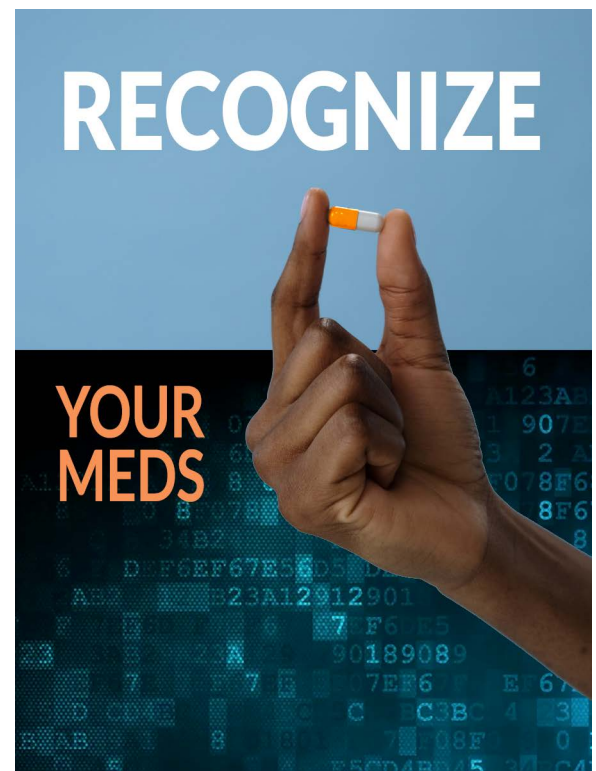
- **Pill Recognition:** Utilize image recognition technology to scan pills by taking a picture of the pill after unpacking and placing on a high-contrast background.

## NEVER FORGET

## TO TAKE YOUR MEDS AGAIN.



- **Drug Searching Suggestion:** Classified drug search options into Rx only (prescription-only) and OTC (over-the-counter), or simply start by entering drug generic names. Top searched drugs displayed in the search suggestion list based on the letters user is typing. Drugs started with corresponding search frequency.
- **Advanced Searching:** Identify drugs more accurately by adding search criteria:
  - Name
  - Generic name
  - Dosage
  - Manufacture
  - Route
  - Drug form
  - Imprint
  - Color
  - Shape
- **Comprehensive Medication Information:** Return detailed results after searching information, including:
  - Generic Name
  - Drug Shape
  - Manufacturer
  - Drug Form
  - Routes of Administration
  - Number of Active Ingredients
  - Drug Description
  - Indications & Usage
  - Box Warning
  - Contraindications
  - Teratogenic
  - Nursing
  - Pediatric Use
  - Geriatric Use
  - Storage
  - Warning & Precautions
  - Drug-Drug Interactions
  - Stop Use
  - Pregnancy/Breast Feeding Warning
  - Manufacturer Contact Number
- **Customizable Pill Schedule:** Support users by recording “taken” status after adding quantities of each dose with frequency. Easily modify dosage regimen for every pill in the user’s schedule.
- **Dose Reminder:** Receive dose reminder alert with sound even if the device screen is locked. Allow user to self-configure types of pop-up notifications under “settings” on devices (e.g., Icon Badges, Notification Center, Banner).
- **Drug Imaging:** Uses typical pill shape icons to represent different types of drugs.
- **Adverse Interactions:** Flags possible adverse effects after adding new drugs to the user’s current schedule that conflicts with existing drugs in the schedule.
- **Symptom Recording:** Add adverse reactions as notes for your doctor. Record symptoms as they occur so you don’t forget.
- **Notes for Physician:** Aggregate user adverse reactions and medications that were missed, helping users and their doctor track medication history and medical conditions.
- **Biometric Authentication:** Enable biometric unlocking to quickly access accounts securely.



## How We Help Our Customers

Sapfonte applies the latest technologies and innovations to help improve medical and pharmacological care, as well as the safety of the public.

PillSafe's features help solve pain points that patients, medical practitioners, and regulatory bodies have experienced in pharmacological medicine. We want to empower prescription drug users to better understand the impact of their actions on their health.

It is the desire of almost every person to access the best medical attention possible. Through PillSafe's analysis of cause and effect in pharmaceutical care, we aim to provide people with information that will best serve their life.

## About Sapfonte

Sapfonte's mission is to create innovative software and products, using machine learning, natural language processing, cloud, and big data to protect the public's health. We employ automation, AI, and technology to enhance our suite of products, which are ready to work for today while building for tomorrow.

As a fast-growing company, Sapfonte partners with Precise Software Solutions, a federal and state government prize-winning company. Together, we work across the Federal Health IT and consulting community to connect people with products built for a sustainable future.

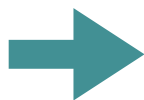
For additional information, please visit us at [www.sapfonte.com](http://www.sapfonte.com).

## Our Emerging Technology & Solutioning Expertise

As the parent company of Sapfonte, Precise is a forward-thinking, pioneering business that incorporates Artificial Intelligence, Cloud, Big Data, Blockchain, Mobile, and other technologies in our service offerings. The US Government has funded a lot of research into technologies that could benefit its citizens. We blend these technologies into our solutions, and we strive to lead the way in showing other businesses how they can leverage these technologies for other use cases to provide better products and services in all sectors.

For additional information, please visit us at [www.precise-soft.com](http://www.precise-soft.com).

## Download PillSafe Now!



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Interested in partnering with Sapfonte?

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Sapfonte—a Precise Software Solutions Company