

RxPense® and Wearables

Direct integration with wearable sensors such as Hexoskin and access to other third-party wearables and sensors via API

Telemedicine

Full support for secure video chat, portal access to medication and health data. RxPense® can also support APP-based third-party telemedicine providers.

Cloud based, Secure Data Storage and Access

HIPAA and PIPEDA Compliant. Data is accessible via the cloud from authorized devices. Extensive permission-based access rights set for physicians, pharmacists, caregivers, emergency responders. Full audit trail.

Cloud-based Management and Provisioning

Secure, cloud-based access to patient profiles and the administration of RxPense® Hubs, regardless of location. Manage individual units or thousands of units across multiple organizations or health care institutions internationally. Each RxPense® is registered online and uniquely assigned to patient, organization, pharmacy...

Power

120/240V ~ AC, 50/60Hz, 3A MAX with 12hr+ battery backup.

Multilingual

Language settings are personal and selectable. Patient language setting may be different than caregiver. English, French, and Spanish supported by default. Other language packs are available.

Connectivity

CDMA/3G/LTE (worldwide frequency support)-Micro SIM, WiFi, Ethernet, Bluetooth & RFID.

Availability

North America, Asia & Europe.

Mobile friendly

RxPense® authorized users may access the RxPense® Portal and patient data via any platform connected to the Cloud.

RxPense® Audit trail

Full event/activity audit trail. Images of medications in the device being dispensed. Capture and recording of exact pack/pills to patient removal time, date and image stamp. Secure data storage in the cloud.

Medical ID/Health Data Report

Permission-based. Emergency Information Display includes patient medical data, allergies, conditions, medications, emergency contact information and makes this available on Mobile phones and Web.

Data can be emailed or viewed by First Responders or Emergency Room physicians.

Calendar / Appointment Reminders

Easily add doctor's appointments and other important events.

Manual/Early Dose Release

Simple, if permitted by physician.

Multiple early doses can be dispensed to support day trips or absences from patient's RxPense®.

Vacation Mode

Patient can pre-release packages for vacation and use mobile phone for reminders. Patient can take the RxPense® with them for extended trips (snowbirds) and have the local pharmacy fill DisPill or Distrimed packages since the packaging is industry standard. RxPense® supports international communications.

Market

Residences, Clinics, Long Term Care Facilities, Nursing Homes and Patients at home.

Support

Telephone, email and online support 24x7.

Pricing

More than an iPhone, less than a day in Hospital. Pricing to be released Q2/18.

RxPENSE®

the best pill dispenser for seniors, chronic care patients & disabled veterans



Product Brief

RxPense® is a personal medication dispensing and remote monitoring solution that ensures seniors, disabled veterans or chronic care patients in residences, long-term care facilities or at home, take the correct medications on time and notifies caregivers or health care providers (HCP) if they miss a dose.

It also accurately records and documents the consumption of both PRN ("as-needed") and OTC medications. It can also capture (through external sensors), monitor and store vitals along with the electronic patient record.

Medications are securely locked into the device (physical security) and can only be dispensed when the patient is authenticated at the right time (biometric, RFID or password).


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Made in Canada

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RxPense® Industry Standard Packaging Support

DisPill, Distrimedic and other multidose blister packaging currently used across Canada, USA and Europe. Medications in this packaging are fulfilled by all major pharmacies to their multidose clients.



Senior-Friendly

The patient experience and interface including the display, voice identification, notification sounds, visual information and the release of medications has been designed exclusively for Seniors.

Filling/Re-Filling

Industry standard DisPill, Distrimedic and similar blister packs are filled by the pharmacist and delivered to patient's home, residence or LTC facility. The blister packages are filled and supplied at no additional cost to the patient.



In less than 2 minutes, the RxPense® is loaded with new medications by authorized persons which may include the patient, the pharmacy's agent or primary caregiver. The RxPense® always remains with the patient. Loading procedure similar to changing a cartridge in a printer.

Each cell of the packaging contains all the pills for an individual dose.

Wait time for filling

Very short. Same day. Pharmacists fill the individual blister packs manually using provided templates or automatically with a robotic dispenser at the pharmacy.

RxPense® Risk of Contamination

None. A pharmacist or robot fills the Pill packages and hermetically seals them prior to delivery to the patient. Patient never handles the pills except when they are consumed. Pill compartments are not re-used between sessions (empty pill capsules can be recycled).

RxPense® Medication Capacity (Daily Doses)

2 Week supply for one Individual – normally DisPill contains 28 doses, RxPense® can store 2 complete packages or 56 blisters. Dispensing can be set between 0 to 8 times daily.

As-Needed (PRN) Support

Other medications not present in blister packaging may be added for reminders and monitoring. Non-solids such as creams and ointments, inhalers and infrequent medications like Aspirin to take as needed may be added.

Taking Doses

Series of programmed alerts – machine generated voice prompts, sound and visual alarms, remote notification to patient worn alert devices (e.g. vibrating wrist band), email, SMS alerts, and signals sent by RxPense® to remote connected devices (lamps, sound generators, etc.) via Bluetooth or WiFi.

Patient walks to RxPense®, follows instructions on screen and self-authenticates via RFID scan of patient worn bracelet, voice identification or entry of a four-digit numerical security code. Authentication ensures correct patient takes dose. Events and images are captured.

Successful authentication releases the medications. The front door automatically opens and the pills are provided in an opened pouch, easy to remove and take.

Missed Dose

RxPense® will send various alerts to primary caregiver and any designated caregivers. Missed doses are not dispensed. The RxPense® automatically skips the missed dose and prepares for the next dose time. Missed doses remain securely in the RxPense® until removed by the Pharmacist or caregiver at the next fill date, so no risk of patient overdosing.

Arthritis Friendly

Yes, pills may be removed with one finger or spoon. Authentication can be verbal or via RFID bracelet if dexterity is an issue.

RxPense® Support for Visually Impaired

High resolution 7" color touch screen interface, video instructions, large scalable fonts, voice instructions and alerts.

RxPense® Security – Tamper Proof

Physical – locked, tamper resistant package. Electronic locks can only be disengaged by authorized users. Medications contained in the machine are not visible externally. Attempted breaches, failed login attempts, vandalism events are recorded and reported immediately.

Security – Water and Dust Resistant

Water and dust resistant. Water/dust/dirt cannot reach the pills or hermetically sealed packaging.

Security – Patient Only Access

Only the patient, or authorized caregiver may remove the pills when the dose is ready. RxPense® uses a series of security measures to ensure the right pills are in the right device and dispensed only to the right person at the right time.

- Voice biometrics: Patient voice can be used to authenticate
- RFID/NFC: Tap or wave a registered tag
- PIN/Password: Entering PIN code or full username/password

Verification and audit trail is also provided with images during pill dispensing and after patient takes the pills.

Audit trail is securely stored (HIPAA and PIPEDA compliant) Cloud.

Notifications

Programmable and multi-source available including:

- Audio: alarms, chimes, recorded voice playback of caregiver or other recognized person
- Video: screen display, home automation control – lights, remote speakers
- Communication: SMS, email

Caregiver is notified by email or SMS if pills are skipped or not taken. Caregiver can initiate direct video conference with the patient device. Caregiver can access the audit trail.

RxPense® Home Health Monitoring

Home health hub ready – permission-based access to third-party wearables and sensors data to provide a consolidated view of data to a health care provider or caregiver. With the RxPense® 7" high resolution color touch screen, speakers and video camera built-in, health monitoring and communication is a snap.

