

# Benefits

## Patients

- Stay in your own home longer – even when your home is a residence
- Safer, Secure Dispensing
- Controlled Monitoring
- Tele-Medicine & Tele-Health (fewer visits to the doctor)
- Fewer hospital stays
- Circle of Care (better support)
- Better Outcomes
- Lower Healthcare Costs
- Increased Quality of Life

## HCPs (Doctors, Nurses, Clinicians)

HCPs can effectively monitor more patients with fewer resources

- Remote patient monitoring
- Telemedicine via built-in videoconferencing
- Aggregation of medication consumption data with sensor (vitals) data
- Better medication titration – individualized
- Better patient outcomes

## Residences & LTCs

- Reduced cost of service delivery
- Reduced medication errors
- Reduced/eliminated medication “attrition”
- 4 x day confirmation data that patient is accounted for and functional
- Portal / dashboard overview of all patients
- Notifications of missed doses and other anomalies
- Immediate fall detection alert
- Differentiation in the marketplace – superior service, connectivity
- New service offerings
- Family “connection”

## 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.

## Residence Remote Monitoring

With a remote monitored solution, any anomaly is reported and all events are recorded. Adherence and health sensory data are all stored in a secure audit trail. With a tap of the finger or click of a mouse, relevant patient data is instantly available correlating medication consumption, dosage and vitals in an easy to understand, detailed report.

Cause and effect can now be understood. Emergency notifications save lives and timely intervention provides an increased quality of life.

## Family Members

- Better connectivity with loved ones – including videoconference
- Higher confidence that quality care is being received
- Greater participation in patient care
- Much greater perception of “value”

## Hospitals

- Better patient outcomes through better medication adherence
- Greatly reduced return patients

The Medipense product line, RxPense®, not only manages, controls, monitors and records medication dispensing and consumption, but also captures vitals and other important markers, via sensory inputs, and securely stores this data in the cloud for instant access by caregivers and health care professionals. Anomalies are reported immediately, blood pressure, temperature or other vitals are sent via alarms for each out of normal event.

Residences of all types will reduce costs, increase revenues and provide a better client experience through the adoption of innovative new technologies of the IoT and particularly the RxPense® Hub, a medication dispensing, management and remote monitoring system developed by Medipense.

# RxPENSE®

The most intelligent, secure and automatic pill dispenser for seniors and more!



## Residences, Assisted Living & Long-Term Care Facilities

Seniors are moving into assisted living and seniors residences in record numbers. With over 10,000 people turning 65 years old, daily, residences and the unique services they can provide have created a large demand. Distinguishing your residence from the competition is the key to attracting lucrative clientele. Providing increased compliance and monitoring services, allows caregivers and family members to feel more comfortable. Facilitating medication management for seniors can be a win-win!

RxPense® provides additional comfort. Seniors are prompted to take their medications at the right time. Administrators can refill each unit bi-weekly, reducing overhead. Caregivers can monitor the medication compliance of the patient. Family can communicate directly with the senior through video chat, anywhere in the world. Everyone is happy.

**MediPENSE®**  
9145 rue Boivin  
LaSalle, QC H8R 2E5

Made in Canada

Medipense.com  
9145 rue Boivin  
LaSalle, QC H8R 2E5

## Ensuring the right senior receives the correct medications on-time is essential

Helping to alleviate and reduce medication errors in a residence setting, RxPense® makes sure that clients and attending physicians, nurses or other staff are notified when a dose is ready, has been dispensed, when the client has consumed the meds and when the patient has not.



The ability to remotely monitor each client, both from the point of view of their medication compliance and from connected sensors that include everything from vitals monitoring to connected fall detection devices to quality of sleep devices, enable the residence to provide a significantly enhanced (and commercially desirable) service for its clients and their families.



A complete audit trail is securely upload to the RxPense® Portal - accessible 24x7 for your quality assurance and performance metrics.

With up to 30 per cent of all medical mishaps in a hospital attributed to drug or medication errors, such as a wrong dose or a dose given to the wrong patient, RxPense® can significantly reduce these errors, decrease liability and increase compliance.

## Facts:

- 27% of seniors discharged from hospital after heart failure were classed as non-adherent within 30 days.
- 20% of seniors have as many as 5 chronic conditions; take 50 prescriptions annually; see 14 doctors per year
- 36% of seniors taking 5 or more medications say they forget doses
- 51% of those taking fewer medications say they forget doses
- Up to 75% of hypertensive patients are not medication adherent
- Up to 90% of diabetes patients do not take their medications well enough to benefit from the medication
- 41% to 59% of mentally ill patients take their medications infrequently or not at all
- 75% of child medication poisonings attributed to parent or grandparent medications

The RxPense® has advanced safety features. The medications in the RxPense® are secured under lock and digital key. This protects the medications from tampering by the person under care and by others with access. Only the patient or a designated caregiver may access the medications and only at the correct time.

The RxPense® has a battery backup system to ensure proper dispensing during a power outage. Finally, all activity is monitored 24x7 with the audit trail securely uploaded to our HIPAA and PIPEDA compliant servers.

### Medication non-adherence results in:

- 80% higher rate of recurring heart attack
- 125,000 deaths per year
- 30% of hospital admissions among seniors (missed dose, wrong dose or overdose)
- over 21% of all drug related health complications
- additional \$thousands health care cost per person annually

## RxPense® Major Features

### High Security

- The RxPense® device is physically and electronically locked preventing any unauthorized access to medications
- HIPAA (PIPEDA) compliant
- Pharmacist filled and sealed packaging
- Comprehensive audit trail
- Remote monitoring
- Comprehensive Emergency Information immediately available

### Connectivity

- Full time connection to the cloud
- Video-conferencing
- Connected sensors integration

### Convenience

- Medications are prepared and sealed by pharmacist (error elimination)
- RxPense® self-programs through package bar code
- Alerts patient to take medications – right dose – right time
- Tracks PRN and OTC consumption
- Alerts caregivers for missed doses and anomalies
- Packaging is robotically opened and medications are ready-to-take
- Multi-lingual

### Advanced features

- Comprehensive audit trail including photo evidence
- Data aggregation (medication compliance and vital signs/sensors)
- Secure Portal – Dashboard
- Ready for Artificial Intelligence
- Panic Button & Fall Detector accessory