

OPIOID INVENTORY CONTROL SOLUTION

IoT ENABLED CONTROLLED SUBSTANCE MANAGEMENT PLATFORM

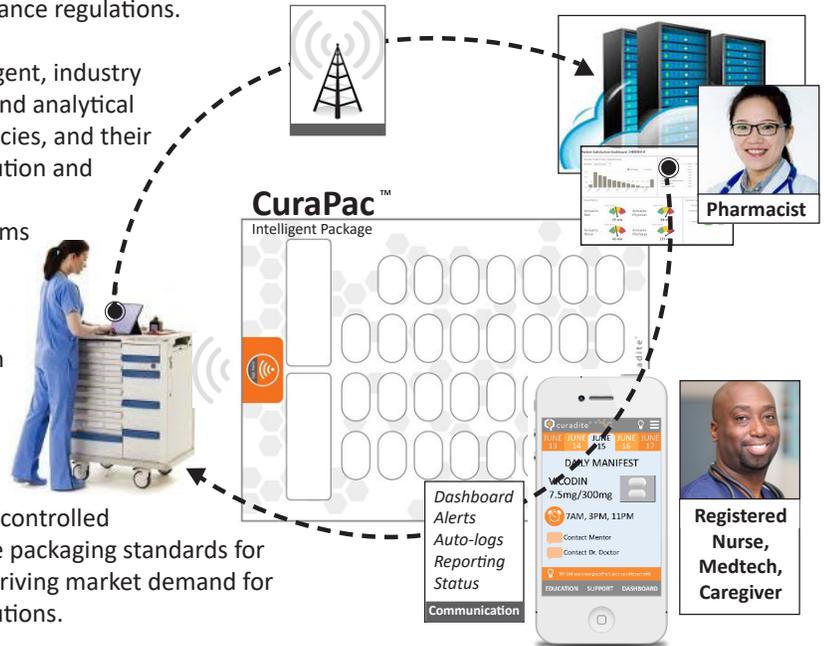
The exploding opioid crisis has put growing pressure on assisted living facilities (ALF) and skilled nursing facilities (SNF) to better manage controlled substances. Current best practices for maintaining chain-of-custody records for prescription medications and controlled substances are fragile and rely on time-consuming manual procedures.

Starting with the Opioid Crisis Act of 2018, Congress and regulatory agencies (FDA, DEA, State Pharmacy Boards) have begun ratcheting up the regulatory oversight of dispensing controlled substances. Historically, these facilities have used 40-year old packaging technology, supplemented with manual pill counts at each “shift change” and physical signature logs to comply with Federal, State and DEA compliance regulations.

Curadite’s first-of-its-kind, turnkey platform combines intelligent, industry standard unit-dosed packaging with cloud-based reporting and analytical services. Our platform enables Long Term Care (LTC) Pharmacies, and their facility customers, to leverage their establish base of distribution and re-packaging infrastructure. Its other characteristics include:

- **Compatible:** leverages existing automated packaging systems
- **Intelligent:** Unit-dose, digital packages report usage data
- **Modular:** Designed to balance cost and function
- **Communication:** detects and responds to anomalies
- **Reports/dashboard:** Custom reports and data visualization
- **Real-time data analysis:** Administrators and pharmacists monitor inventory, dispensing, adherence, disposal data
- **Disposal:** Monitors return and destruction of opioids.

This IoT-enabled platform helps facilities regain control over controlled substances. With the FDA’s announcement of new, unit-dose packaging standards for controlled substances, frequency of facility audits will rise—driving market demand for intelligent, unit-dose controlled substance management solutions.



Products	Description	Use Case/Business Model
CuraPac™: In-facility, battery free 	CuraPac is a battery-free, disposable intelligent package that includes embedded micro sensors which communicates with a wireless reader pad (tethered to med cart/PC) or device (iPad, android). The package status (e.g. open compartments) is transferred to the cloud for analysis, processing and storage in the EHR.	FACILITY CARE: ALF/SNFs using antiquated systems (manual staff audits) to maintain storage, dispensing and disposal records for controlled substances. Direct Platform Sales: Direct sales of MMP/packageing solution to LTC Pharmacy customers servicing ALF/SNF/Hospice and other institutional facilities.
CuraTrac: Smartphone enabled 	CuraTrac leverages a battery to capture continuous usage data. With a highly portable form factor, CuraTrac uses a smartphone, with compatible application, to forward the package’s stored data log to our cloud services. The application also provides alerts, messaging, and other relevant communication.	INDEPENDENT CARE: ALF/SNF facilities that support patients participating in their own adherence/dispensing of medications—including controlled substances. Augmentation of Direct Platform Sales: Addition of enhanced communicators/packages for low-touch or at-home use medication cases.
CuraCast: Direct, 4G Cellular 	CuraCast is a reusable, real-time 4G communicator that monitors medication packages. CuraCast works with our cloud-based services platform to coordinate provide status alerts, educational updates, update caregivers and uses GPS to support emergency response capabilities.	HOME CARE: In-home hospice/palliative care, opioid/pain management, and specialty medications are examples where real-time patient medication monitoring must transition into home care settings. Leased Device: Leased 4G cellular communicator with full monitoring services and disposable medication packages.