Mobile Adherence Packaging Innovations

Med-ic® Smart Package

- stores date and time each unit dose is removed
- real time adherence data
- 99.6% per event accuracy
- fully traceable unique ID
- no patient data on-board
- capsules, tablets, pre-filled syringes
- optional on-board temperature monitoring
- custom clinical and multi-dose pharmacy formats
- works with child resistant packaging
- passive & discreet packaging

Mobile Health

- remote patient monitoring (RPM)
- patient generated health data (PGHD)

Specialty Pharmacy

- multidose packaging / calendar packs
- inventory item for quick ship
- cold seal or heat seal – convenient fill
- supports mail programs
- supports reimbursement models
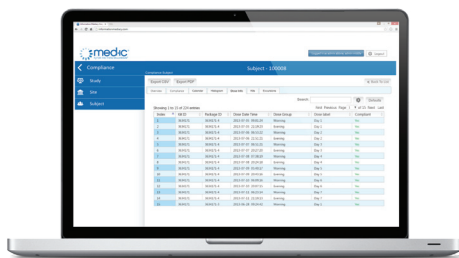 (unbundling of CPT code 99091)

CertiScan® Adherence Cloud

- secure data
- real time visibility
- helpdesk
- data interchange
- secure XML export

FDA

- 21 CFR pt 11
- HIPAA
- REMS
- DSCSA

Clinical

- shorten time to approval & increase patent life
- reduce study size
- facilitate adaptive trials
- eliminate manual pill counts
- provide nonadherence insights
- returned drug accountability

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Reusable Med-ic® Smart Blister Module: *NFC Tag*

Description	Specifications
Dimensions (L x W)	MDTG-BNM-3100 (46mm x 25mm), MDTG-BN-3100 (43mm x 33mm), MDTG-HERC-229124 (40mm x 42mm)
Weight	Under 5g (1/6oz)
Operation Life	Up to 3.5 years, depending on use conditions
Warranty Life	5 years from manufacture
Operating Enviroment	-15 °C to 65 °C (5 °F to 149 °F)
Time Resolution	1 minute
Time Accuracy	+/- 2 minutes per month (Adjustable to the second when used in the Med-ic system)
Reusable	Yes
ID Range	48 bits, over 250 trillion globally unique IDs (electronic plus barcode)
Communication	NFC, RFID (wireless, passive)
Serialization	DSCSA Fully Compatible
Data	All data is stored on secure, redundant, resilient and recovery Tag Raid. 1KB of client buffer space is available. Custom extension of up to 16KB additional space is possible.
Number of Monitored Tablets	14, 23, 31
Number of Dosage Types	14, 23, 31

CertiScan® *HIPAA Cloud Adherence Data Acquisition and Management*

Description	Specifications
Operating System	Windows 7, Windows 8/8.1, Windows 10, Android (5.0+), iOS (11+)*
System Requirements	RAM: 2GB, Available Hard Drive Capacity: 50MB
Device Compatibility	NFC-enabled Android smartphone; iPhone 7 and above*
Device Support	Med-ic® Blister Package, eCAP ™ Bottle or Vial
Database	Max 10,000 patient/medication records per trial data file
Data Storage	Dose data stored on phone synchronizes with a HIPAA, 21 CFR Pt 11 compliant cloud database
Export Data Format	CSV, Excel, and PDF export available through cloud portal

CertiScan® Reader/Writer *13.56 MHz Desktop Contactless RFID Reader (for use with Med-ic® ECM® devices)*

Description	Specifications
Read / Write Range	5 cm
Antenna / Reading Time	RFID antenna / Under 0.5 seconds
Internal Clock	Standard UTC +/- 5 min per 6 months
Output	0.1W, FCC certified (FCC ID: TTTDTR11)
Communication Interface	USB
Operating Environment	5 °C to 60 °C (41 °F to 140 °F)
Power Supply	Powered USB
Dimension / Weight	15.6 cm x 10.2 cm x 2.8 cm / 155g

* CertiScan Go for iOS coming late 2018. Subject to change without notice.

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