Smart RFID label

Smart RFID shelf

Industrial-grade IOT
network module group

Statistical analysis of test data, precise verification and scientific instruction

Smart alert, maintenance, dispatch of products

Smart alarm and alerts for abnormal temperature, low storage , deadline for clinical trials

tive ne (L)	Net Weight / Gross Weight (Kg)	Shelf
0	116/139	5

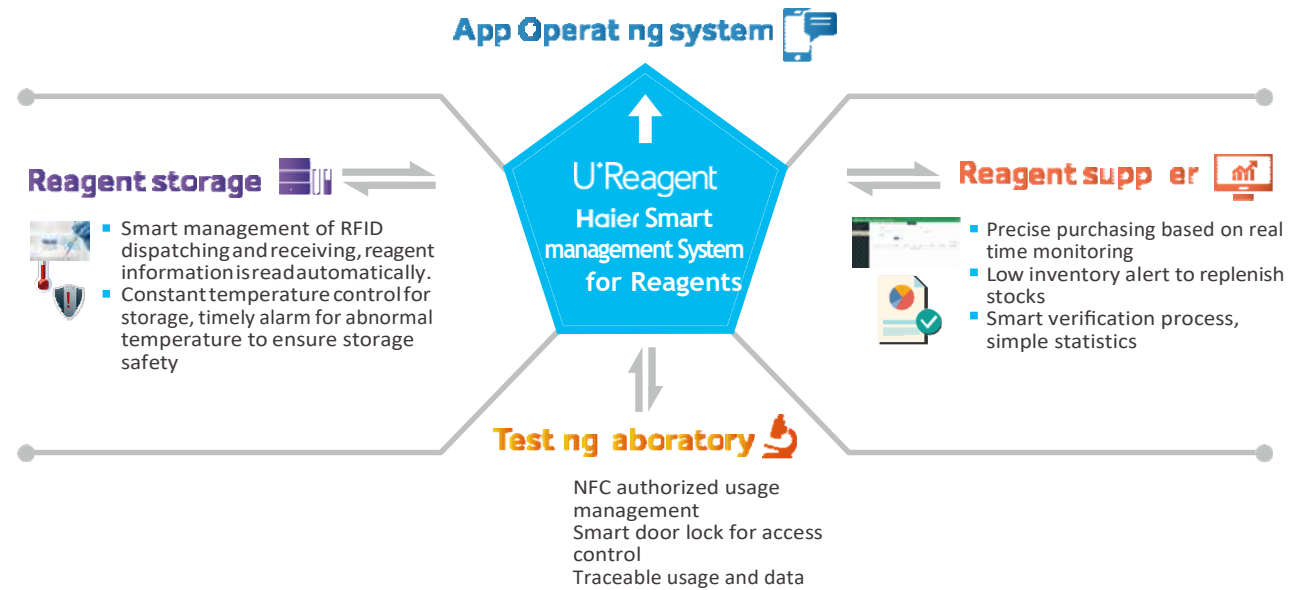# Intelligent Management Plan by Haier U'Reagent

Cloud-shared data Rapid and smart inventory system
Instant generation of summary data report, clear transparency of transaction

RFID based intellectual technology tracks real time information on stored products. Effective management of medicines and reagents allows information of storage inventory instantly available at a stroke of the keyboard. Cloud based big data supports shared platform, permitting manufacturers, hospitals, quality control exercise real time monitoring. Technical data thus becomes the origin of productivity.

Production instruction
Market analysis
Management of customers

Manufacturer

Hospitals

Cloudserver

Haier

U'Reagent

Statistical analysis of data

Third party test organization

Terminal customer

U'Reagent

App Operating system

U'Reagent
Haier Smart management System for Reagents

Reagent storage
- Smart management of RFID dispatching and receiving, reagent information is read automatically.
- Constant temperature control for storage, timely alarm for abnormal temperature to ensure storage safety

Reagent supplier
- Precise purchasing based on real time monitoring
- Low inventory alert to replenish stocks
- Smart verification process, simple statistics

App cation
Set up authorized users, and dispatch reagents. RFID automatically reads reagent information and acceptor's information and updates the system

and dispatch
Analyze big data and reagent usage, automatically perform inventory check. Will refill inventory. Will timely adjust inventory and make adjustments

Testing laboratory
NFC authorized usage management
Smart door lock for access control
Traceable usage and data

Manpower savings
Smart process control improves accuracy and efficiency, saving manpower for reagent management.

Optimized procurement process reduces waste
Control reagent usage timely. Procure supply smartly to reduce shortage and reduce inventory.

Rigorous reagent management to reduce risk
Constant temperature for reagent storage
Automatically trigger temperature alarms when temperature reaches critical temperature, ensuring safety of reagent usage.

understanding of market trend,

ng, dispatching and

controlled for authorized

Big data platform for information clarity

- **Authorized usage for effective management**
  Set up different levels of authority based on responsibility

Remote control of terminal equipment with visible operation status
Real time inquiry of all terminal units