



AKTIVO

PT. AKTIVO INDONESIA SUKSES

Company Profile

Empowering patient's Journey



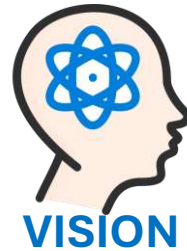
Patient
Safety



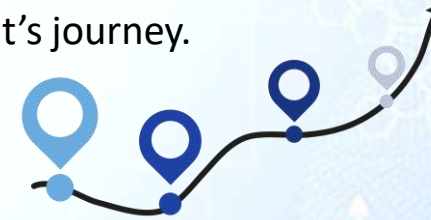
Patient
Experience



About AKTIVO



To build better patient's journey.



- Providing transformational advisory and technology services in healthcare sector
- Build ecosystem to integrate future digital health to make better patient's journey

CORE VALUES



Scientific
Our product &
Solution: Scientific
based approach



Mindfulness
Self Awareness,
Positive intention
Mindful to our action



Agility
Think & Act Fast,
Fast Response,
No Procrastination,
Creativity



Resiliency
Adaptive against
challenges, Optimist
& Confident



Trustable
Trust to be trusted
Reliable, Integrity &
Authenticity



AKTIVO BUSINESS LICENSES

AKTIVO



PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA BERBASIS RISIKO
NOMOR INDUK BERUSAHA: 124500331589

Berdasarkan Undang-Undang Nomor 6 Tahun 2023 tentang Penetapan Peraturan Pemerintah Pengganti Undang-Undang Nomor 2 Tahun 2022 tentang Cipta Kerja Menjadi Undang-Undang, Pemerintah Republik Indonesia menerbitkan Nomor Induk Berusaha (NIB) kepada:

1. Nama Pelaku Usaha

2. Alamat Kantor

No. Telepon

Email

3. Status Penanaman Modal

4. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLU)
- : PT AKTIVO INDONESIA SUKSES

: Jalan Siantar No. 18, Desa/Kelurahan Cideng, Kec. Gambir, Kota Adm. Jakarta Pusat, Provinsi DKI Jakarta, Kode Pos. 10150

: 0211190040

: aktifio.0304@gmail.com

: PMDN

: Uhat Lampiran

NIB ini berlaku di seluruh wilayah Republik Indonesia selama menjalankan kegiatan usaha dan berlaku sebagai Angka Pengenal Import (API-UI). Hak akses kepemilikan, pendafusan kepentingan jaminan sosial kesehatan dan jaminan sosial ketenagakerjaan, serta bukti pemenuhan laporan pertama Wajib Laporan Ketenagakerjaan di Perusahaan (WLKP).

Pelaku Usaha dengan NIB tersebut di atas dapat melaksanakan kegiatan berusaha sebagaimana terlampir dengan tetap memperhatikan ketentuan peraturan perundang-undangan.

Dibagikan di Jakarta, tanggal 18 Maret 2021
Perubahan ke-10, tanggal 22 Maret 2024

Menteri Investasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

Ditext tanggal 24 April 2024

1. Dokumen ini diterbitkan dalam Sistem Elektronik dan oleh Pelaku Usaha, terapan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.

2. Dokumen ini dapat diakses dan/atau diunduh oleh pihak lain dalam rangka pelayanan administrasi.

3. Dokumen ini tidak dapat ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSN-BSSN.

4. Bagi pengguna Perizinan Berusaha dapat diunduh melalui sistem OSS menggunakan link akses.





PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA BERBASIS RISIKO
IZIN : 1245003315890001

Berdasarkan Undang-Undang Nomor 6 Tahun 2023 tentang Penetapan Peraturan Pemerintah Pengganti Undang-Undang Nomor 2 Tahun 2022 tentang Cipta Kerja Menjadi Undang-Undang, Pemerintah Republik Indonesia menerbitkan Izin Distributor Alat Kesehatan kepada Pelaku Usaha berikut ini:

1. Nama Pelaku Usaha

2. Nomor Induk Berusaha (NIB)

3. Alamat Kantor

4. Status Penanaman Modal

5. No. Telepon

6. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLU)

7. Lokasi Usaha
- : PT AKTIVO INDONESIA SUKSES

: 124500331589

: Jalan Siantar No. 18, Desa/Kelurahan Cideng, Kec. Gambir, Kota Adm. Jakarta Pusat, Provinsi DKI Jakarta, Kode Pos. 10150

: PMDN

: 0211190040

: 46901 - Perdagangan Besar Alat Laboratorium, Alat Farmasi Dan Alat Kedokteran Untuk Manusia

: Jalan Siantar No. 18 RT/RW 001/002, Desa/Kelurahan Cideng, Kec. Gambir, Kota Adm. Jakarta Pusat, Provinsi DKI Jakarta, Kode Pos. 10150

: Telah memenuhi persyaratan

Lampiran Izin ini memuat daftar persyaratan dan/atau kewajiban sesuai dengan kode KBLU Pelaku Usaha dan merupakan bagian tidak terpisahkan dari dokumen Izin yang dimaksud. Pelaku Usaha dengan Izin tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan peraturan perundang-undangan.

Dibagikan tanggal 9 Juli 2024

a.n. Menteri Kesehatan
Menteri Investasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

Ditext tanggal 6 Juli 2024

1. Dokumen ini diterbitkan dalam Sistem Elektronik dan oleh Pelaku Usaha, terapan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.

2. Dokumen ini dapat diakses dan/atau diunduh oleh pihak lain dalam rangka pelayanan administrasi.

3. Dokumen ini tidak dapat ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSN-BSSN.

4. Bagi pengguna Perizinan Berusaha dapat diunduh melalui sistem OSS menggunakan link akses.





PEMERINTAH REPUBLIK INDONESIA
PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
SERTIFIKAT CARA DISTRIBUSI ALAT KESEHATAN YANG BAIK
(CDAKB) DISTRIBUTOR ALAT KESEHATAN
PB-UMKU: 124500033158900010001

Pemerintah Republik Indonesia menerbitkan Perizinan Berusaha Untuk Menunjang Kegiatan Usaha (PB-UMKU), yang merupakan Sertifikat Cara Distribusi Alat Kesehatan yang Baik (CDAKB) distributor alat kesehatan kepada Pelaku Usaha berikut ini:

1. Nama Pelaku Usaha

2. Nomor Induk Berusaha (NIB)

3. Alamat Kantor

4. Status Penanaman Modal

5. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLU)

6. Lokasi Usaha
- : PT AKTIVO INDONESIA SUKSES

: 124500331589

: Jalan Siantar No. 18, Desa/Kelurahan Cideng, Kec. Gambir, Kota Adm. Jakarta Pusat, Provinsi DKI Jakarta, Kode Pos. 10150

: Penanaman Modal Dalam Negeri (PMDN)

: 46901 - Perdagangan Besar Alat Laboratorium, Alat Farmasi Dan Alat Kedokteran Untuk Manusia

: Jalan Siantar No. 18 RT/RW 001/002, Desa/Kelurahan Cideng, Kec. Gambir, Kota Adm. Jakarta Pusat, Provinsi DKI Jakarta, Kode Pos. 10150

- Telah Memenuhi Persyaratan:

1. Sertifikat Distribusi Alat Kesehatan

2. Laporan produksi alat kesehatan secara elektronik

3. Data diri setiap Alat Kesehatan

4. Packaging media

5. Telah melaksanakan audit Internal

6. Telah melaksanakan kajian/riset/ujian manajemen

7. Daftar Induk Dokumen untuk penerapan sistem manajemen mutu CDAKB

8. Prosedur dan rekaman mutu

9. Penerbitan Sertifikat berdasarkan hasil audit menyeluruh terhadap sarana distribusi

Lampiran Perizinan Berusaha Untuk Menunjang Kegiatan Usaha ini memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan peraturan perundang-undangan yang berlaku.

Dibagikan tanggal: 21 Januari 2025
Perubahan ke-1, tanggal:

a.n. Menteri Kesehatan
Menteri Investasi/
Kepala Badan Koordinasi Penanaman Modal,



Ditandatangani secara elektronik

Ditext tanggal 21 Januari 2025

1. Dokumen ini diterbitkan dalam Sistem Elektronik dan oleh Pelaku Usaha, terapan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.

2. Dokumen ini dapat diakses dan/atau diunduh oleh pihak lain dalam rangka pelayanan administrasi.

3. Dokumen ini tidak dapat ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSN-BSSN.

4. Bagi pengguna Perizinan Berusaha dapat diunduh melalui sistem OSS menggunakan link akses.



npwp.

KPP PRATAMA JAKARTA GAMBIR DUA

41.693.342.2-031.000

PT. AKTIVO INDONESIA SUKSES

NPW16 : 0416 9334 2203 1000



JL SIANTAR NO. 18
CIDENG GAMBIR
KOTA ADM. JAKARTA PUSAT DKI JAKARTA10150
Tanggal Terdaftar 05/03/2021



Tax Number

Business License

Distributor License:

- Electromedic Non Radiation
- Non Electromedic Sterile
- Non Electromedic Non Sterile
- Invitro Diagnostic
- Electromedic Radiation

Good Distribution Practices

ACTIVE CUSTOMERS

AKTIVO



RS. Muhammadiyah



RUMAH SAKIT AN-NISA
Tangerang



rsu
mutiasari



RS UBAYA



WARON HOSPITAL
Women's & Children's Specialist



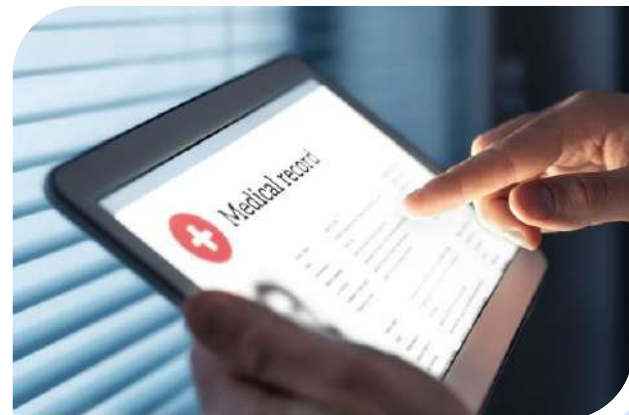
MURNI TEGUH
HOSPITALS

& Many more.....

1. Mobility improvement after EMR Implementation



Key In EMR @Nurse Station after visiting
some patients is high risk of doing mistakes



Typing on Tablets is not easy

Faktor Penghambat Pelaksanaan Rekam Medis Elektronik di Rumah Sakit: Narrative Review

Magda Iftitah Khusful Laila¹, Maylina Surya Wirawati Pribadi²,
Okky Sandi Ariyanto³, Priscilia Nanda Yunita^{4*}, Shella Nanda Tri Rahayu⁵,
Waffa Kesa Andin Pujanggi⁶, Diah Wijayanti Sutha⁷

¹STIKes Yayasan Rumah Sakit Dr. Soetomo Surabaya

*E-mail: priscilianandayunita@gmail.com

Abstract

One of the key components of the interconnected health facility information system is the Electronic Medical Record (RME). The aim of implementing electronic-based medical records is to store and manage patient health data electronically, thereby enabling the medical team to access records quickly and precisely. However, several health service facilities still face obstacles in implementing electronic-based medical records. Finding barriers to the use of electronic-based medical records is the aim of this research. In this study, the method used was a limited literature study to examine the barriers to electronic-based medical records in hospitals. Search for articles from the Google Scholar database. The keywords used are "Electronic Medical Records", "Barriers", "Administration", "Hospital", "Indonesia". The inclusion criteria are manuscripts in Indonesian, publication period in 2023. And the exclusion criteria are that the research location is a health facility other than a hospital, the article is incomplete, and the article cannot be downloaded (close access). The research results show that there are factors inhibiting the implementation of electronic-based medical records. Material is the most numerous or dominant obstacle, factor Man as the second and final factor is the factor Money. The conclusion of this research is that the obstacles to implementing electronic-based medical records are mostly caused by factors Material.

Keywords: Electronic Medical Records, Barriers, Implementation, Indonesia.

Abstrak

Salah satu komponen kunci dari sistem informasi Fasyankes yang saling berhubungan adalah Rekam Medis Elektronik (RME). Tujuan dari pelaksanaan rekam medis berbasis elektronik adalah untuk menyimpan dan mengelola data kesehatan pasien secara elektronik, sehingga memungkinkan tim medis mengakses catatan dengan cepat dan tepat, namun beberapa fasilitas pelayanan kesehatan masih menghadapi hambatan dalam pelaksanaan rekam medis berbasis elektronik. Menemukan hambatan penggunaan rekam medis berbasis elektronik merupakan tujuan dari dilakukannya penelitian ini. Pada penelitian ini metode yang digunakan adalah studi literatur terbatas untuk menguji hambatan rekam medis berbasis elektronik di Rumah Sakit. Pencarian artikel dari basis data Google Scholar. Kata kunci yang digunakan "Rekam Medis Elektronik", "Hambatan", "Penyelenggaraan", "Rumah Sakit", "Indonesia". Kriteria inklusi adalah naskah dalam bahasa Indonesia, periode publikasi tahun 2023. Dan sebagai kriteria eksklusi adalah lokasi penelitian merupakan fasilitas kesehatan selain Rumah Sakit, artikel tidak lengkap, dan artikel tidak dapat diunduh (close access). Hasil penelitian menunjukkan faktor penghambat pelaksanaan rekam medis berbasis elektronik adalah faktor Material yang merupakan hambatan yang paling banyak atau dominan, faktor Man sebagai faktor kedua dan terakhir adalah faktor Money. Kesimpulan dari penelitian ini adalah penghambat dalam pelaksanaan rekam medis berbasis elektronik sebagian besar disebabkan oleh faktor Material.

Kata Kunci: Rekam Medis Elektronik, Hambatan, Pelaksanaan, Indonesia.

Laptop Trolley – solution for mobility at ward

AKTIVO



BENEFITS:

1. Robust: Made of **Steel**
2. Increase **MOBILITY** of Caregivers
3. Elevate Patient's safety
4. **Antibacterial** Surface Material
5. **Noiseless** and easy roll caster
6. **Ergonomic**
7. Barcode Scanner Holder
8. Trays for Jolly Box (UDD, IV Drips)
9. Tubular basket for Medical equipments
10. Affordable price



ATV-LBX



Experience in Hermina

Aluminum ABS Trolley



CC-004AKT1

Treatment & Emergency Trolley

AKTIVO



EasyMove
Modern Medical Cart

NW01



NW02



EC03



- No Waste Bin for sharp needle
- No Medical Waste Bin
- Difficult to bring bottle (Betadine / Alcohol)

SMART EMERGENCY CRASH CART

AKTIVO



1. Human-Machine Interaction

Free Hands, Allowing Medical Staff to Focus on Rescue

Every second is crucial during the rescue process! This crash cart supports intelligent voice prompts and enables direct speech-input and editing of verbal medical orders.

After the rescue completed, there is no need to manually organize documents – the system will automatically generate a medication list and rescue records, and seamlessly connect to hospital's EMR system to synchronously complete the association of patient billing and medical order archiving, reducing 90% of document workload

2. Rapid Handover

Complete Shift Handover in 10 Seconds, Say goodbye to Paper Ledgers

Avoid the pain points of “long time consumption & high error rate” in medical staff shift handover. With a “one-click full-automatic inventory” function. Medical staff can click “Handover Mode” on the operation screen, and the system will automatically check the materials of the entire cart. After confirming that there are no missing or abnormal items, two staff members can log in through authentication (finger print, password and face recognition) to generate electronic handover reports.

3. Intelligent Inventory Stocktaking

Increase 99% Inventory Efficiency by changing from “Manual Counting” to “AI Calculation”

Equipped with dual technologies of pulsed infrared sensor and a multimodality AI Vision model, which can automatically identify the usage status of drugs, consumables, and medical instruments.

As long as “the above substances” pass through the scanning area, real-time quantity statistics and data recording can be completed.

The original 30-minutes inventory work can now be completed in just 15 Seconds, putting an end to tediousness & errors of manual item-by-item counting!

4. Expiration Date Management

Three-Color Light Reminder to Eliminate Risks of “Expiration and Shortage”

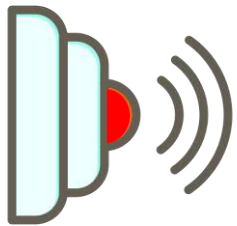
The entire cart integrates high-precision sensors to detect the status of materials 24 hours a day. It is not only accurately checking “whether there is a shortage or incomplete” but also design a three-color intelligent reminder based on the emergency classification method: Green (complete), yellow (near expiration) and red (shortage/expired). This ensures rescue materials are always “available when needed and usable at all times when taken.”

SMART EMERGENCY CRASH CART

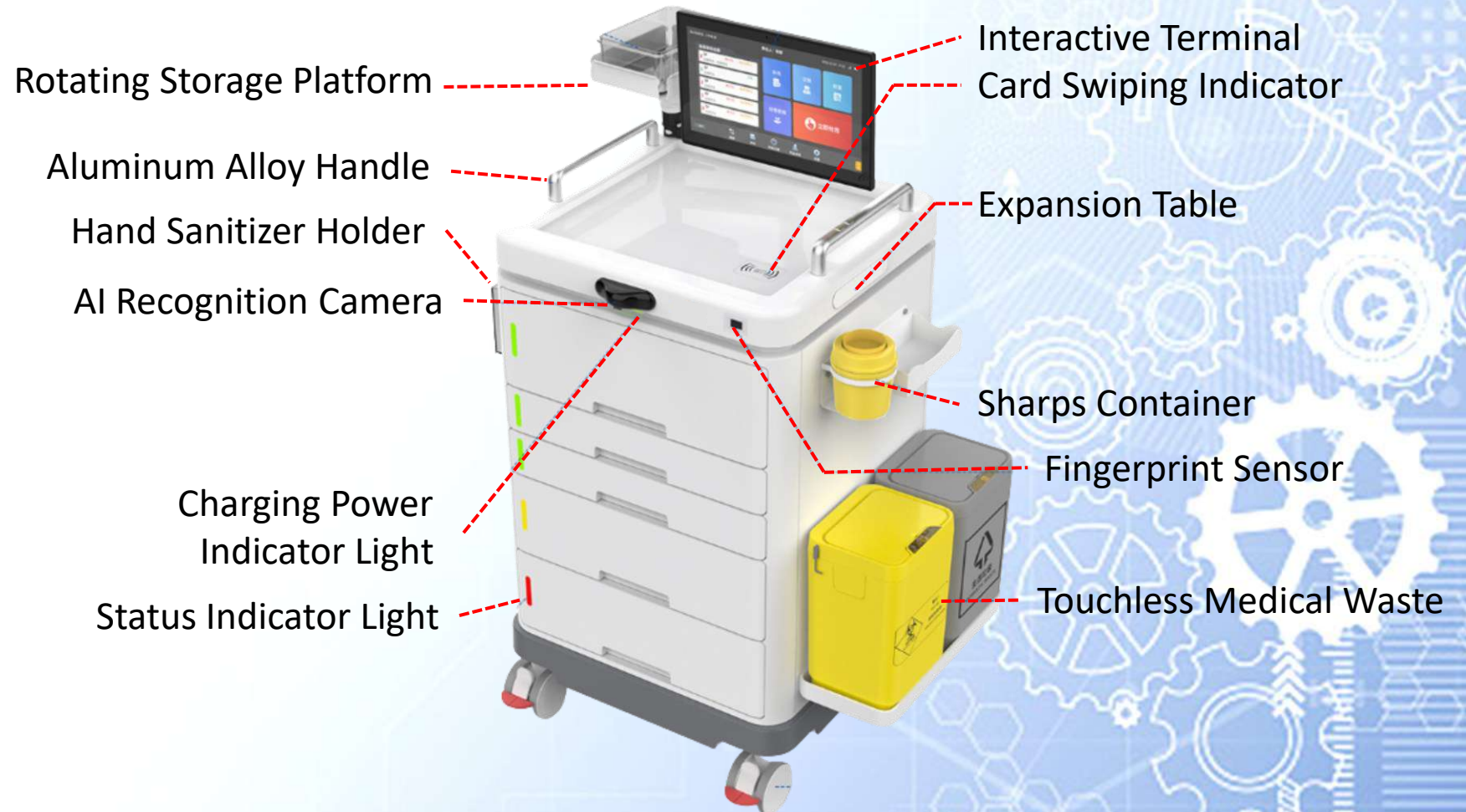
EFFICIENCY REVOLUTION IN RESCUE MATERIALS MANAGEMENT



Artificial Intelligent Vision
Dual Engines



Infrared Sensor



2. Integrated Medical Device



Electronic Medical Record

SELF HEALTH CHECK KIOSK MEDSCAPE

Screening Patients Automation – Fast & Reliable



FEATURES:

-  Ultrasonic Body Height
-  Body Weight Scale
-  Body Temperature
-  NIBP – Blood Pressure
-  Heart Rate
-  Oxygen Saturation (SpO₂)
-  Body Composition
-  Visual Color Blindness Test
-  Visual Acuity Test

Menu could be activated or deactivated!



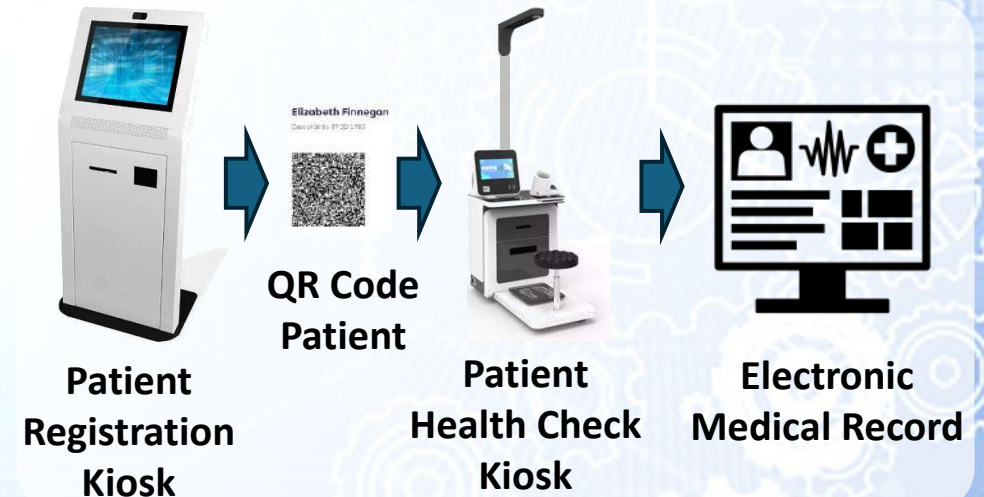
Integrated
w/ HIS

Calibrated by:



VITAL SIGNs Machine

Flow Process Digital & SMART Hospital OPD



Use case in Healthcare

- Contactless patient services at Out Patient Department / Polyclinics
- Health Check Kiosk at Medical Check Up Unit



Digital Vital Signs

AKTIVO



Patient's Wristband



QRCode Scanner to input patient's data in DVS device



Touch Screen



Fast Integration with Electronic Medical Records Interoperability



EMR

Calibrated by:



Accessories IM3 Digital Vital Signs



NIBP



Parameters:

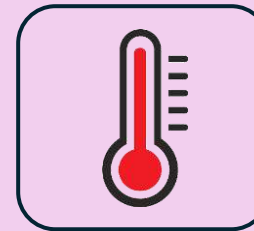
- Systolic
- Diastolic
- Heartrate



Oximeter



- SpO2
- RR



Thermometer



Thermogun



Ear Thermometer

- Temp

FAST & RELIABLE



HIS / PACs Integrated Smart ECGs

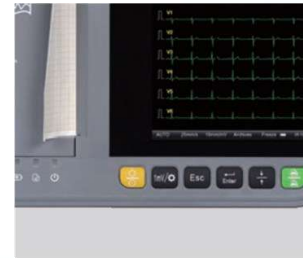
AKTIVO

ME-12A

| Handle for portable

| Touch screen

10.2-inch high-definition wide-view color LCD screen



| 10 types of report format

PDF, JPG, DAT, SCP, PDF-DCM, JPEG-DCM, FDA-XML, DICOM, BMP, TIFF

| Built-in lead connection diagram

Easy for doctors to check lead connection method and lead fall-off prompt

| Quickly enter information

Support barcode scanner and ID card reader

| 12-lead ECG signal synchronous acquisition

Equipped with high-speed and high-sensitivity thermal printer

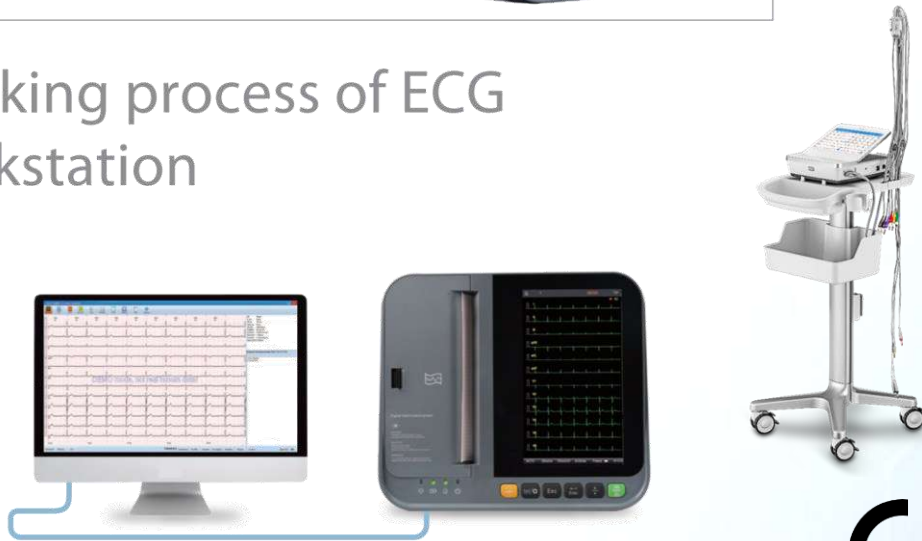
| Languages

Chinese, English, French, German, Italian, Russian and Spanish

| Automatically monitor

Alarm abnormal heart rate, lead detachment, peripheral connection, and paper shortage in real time

Working process of ECG workstation



The ECG workstation integrates the functions of ECG acquisition, analysis and storage, greatly improving the efficiency and accuracy of ECG diagnosis.



KEMENTERIAN
KESEHATAN
REPUBLIK
INDONESIA



HIS



PACS Server

HANDHELD USG MACHINE – A10TX

AKTIVO

MEDSCAPE

USB&Wifi Ultrasound Probe



3rd Gen USG Dual Probes



Convex:

- Abdomen
- Obstetric
- Gynecologic
- Cardiac
- Urologic
- Kidney

Linear:

- Thyroid
- Small Parts
- Pediatrics
- Vascular,
- Breast,
- Vessel Flow



Work: 4 hours
Standby: 72 hours



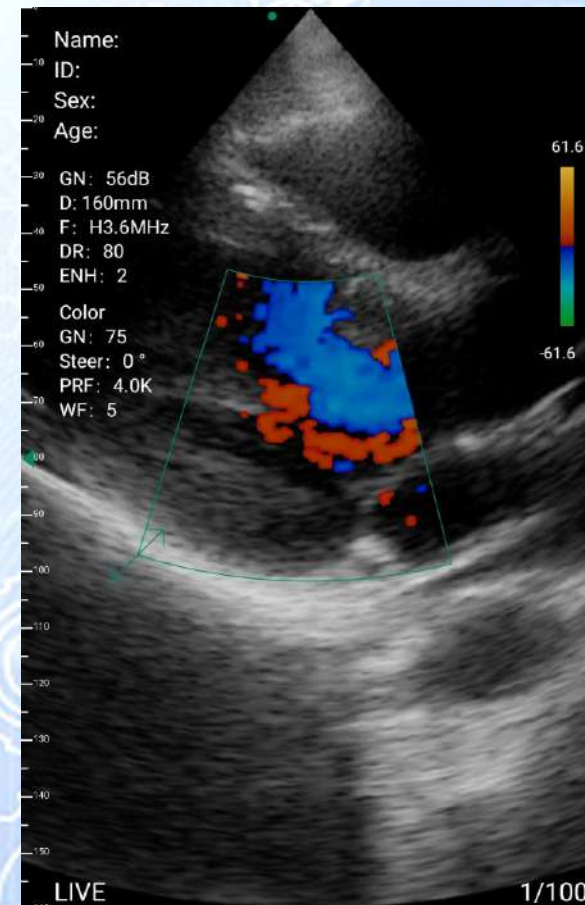
Wireless Charging



Dicom, MP4 or JPEG



Waterproof



- **B**, B&W mode, can detect cross-section
- **B+B**, B&W mode
- **B/M**, B&W mode, M mode can measure heart rate
- **Color**, color mode, measure blood flow
- **PW**, pulse Doppler, spectrum Doppler, measure blood flow velocity
- **PDI**, power Doppler, can measure red blood cell energy



3. SMART PHARMACY



NEXT after E-Prescription

E-PRESCRIPTION leads to SMART Pharmacy

AKTIVO

E-PRESCRIPTION



Vol. 5, No. 3, Desember 2017

Implementasi Pereseapan Elektronik

TINJAUAN PUSTAKA

Implementasi Pereseapan Elektronik



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Adisti Dwijayanti, Erni H. Purwaningsih

Departemen Ilmu Farmasi Kedokteran, FK Universitas Indonesia

*Corresponding author: farida_q12@yahoo.co.id

Disetujui 30 Desember 2017

DOI: 10.23886/ejki.5.8834

Abstrak

Kesalahan pengobatan sering terjadi pada praktik umum maupun rumah sakit. Salah satu penyebabnya adalah kesalahan penulisan resep (prescription errors) atau kesalahan pereseapan (prescribing error). Keputusan medis yang salah berdampak pada keselamatan dan kualitas kesehatan pasien, karena itu, perlu upaya untuk mencegah dan mengurangi kesalahan, antara lain dengan penulisan resep secara elektronik (e-prescribing). Tinjauan pustaka ini membahas hasil studi tentang prevalensi kesalahan penulisan resep dan manfaat/keuntungan pelaksanaan e-prescribing untuk menghindari kesalahan memahami tulisan tangan dokter di kertas resep yang sulit dibaca. Dibahas juga pereseapan obat yang berlebihan, efisiensi waktu penyiapan obat di apotek, serta kemampuan e-prescribing mengelola database yang dapat menganalisis riwayat alergi obat, dosis yang tepat dan kemungkinan interaksi obat yang merugikan pasien. Selain itu juga dibahas strategi implementasi dan dukungan infrastruktur serta kebutuhan sistem pengawasan dari lembaga pemerintah yaitu Badan Pengawas Obat dan Makanan (BPPOM) secara teratur. Implementasi pereseapan elektronik dengan strategi yang tepat akan berdampak positif pada keselamatan pasien dan peningkatan kualitas pelayanan kesehatan.

Kata kunci: pereseapan elektronik; e-resep; kesalahan penulisan resep; kesalahan pereseapan.

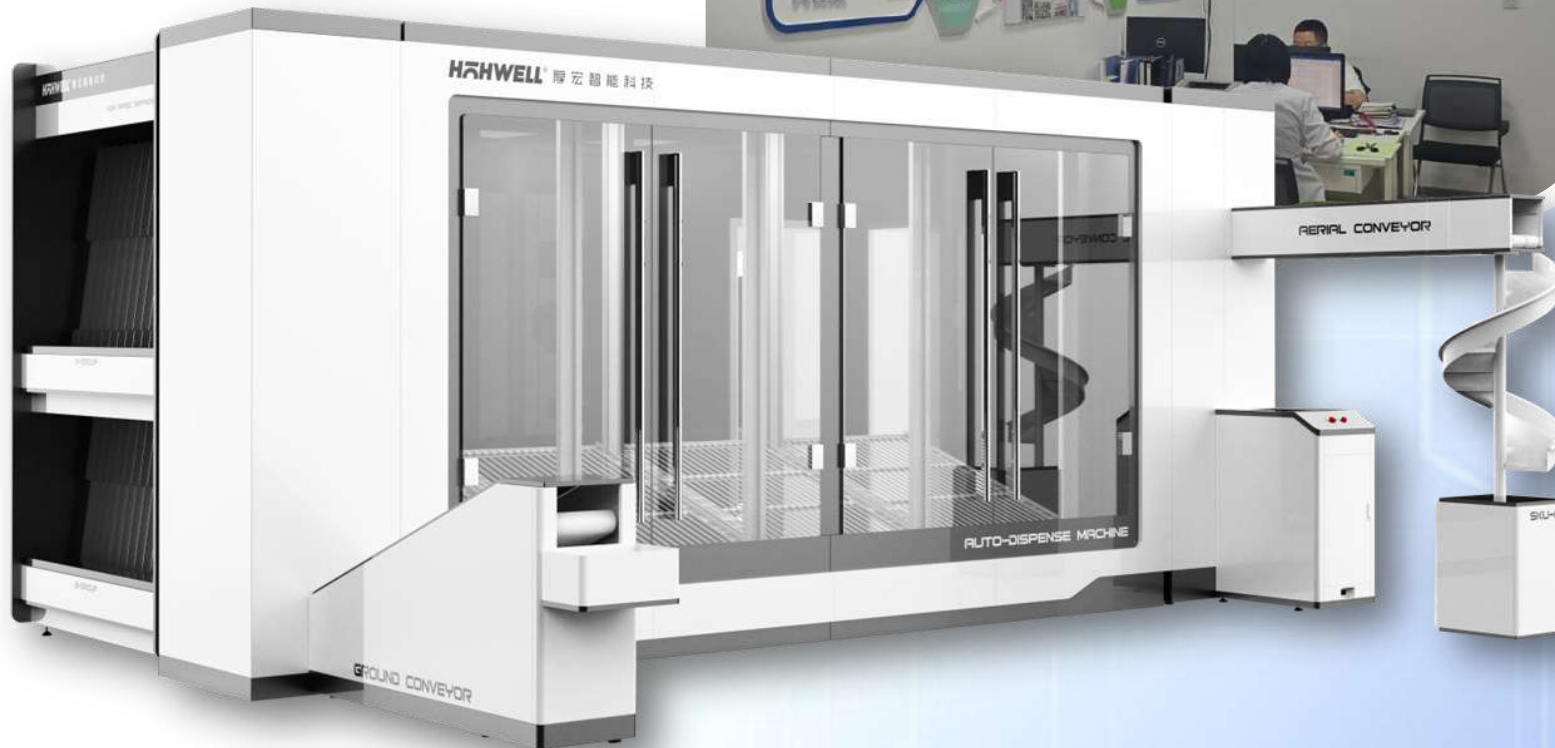
ROBOT PHARMACY – Automatic Box Dispenser (CHUTE TYPE)



SMART PHARMACY

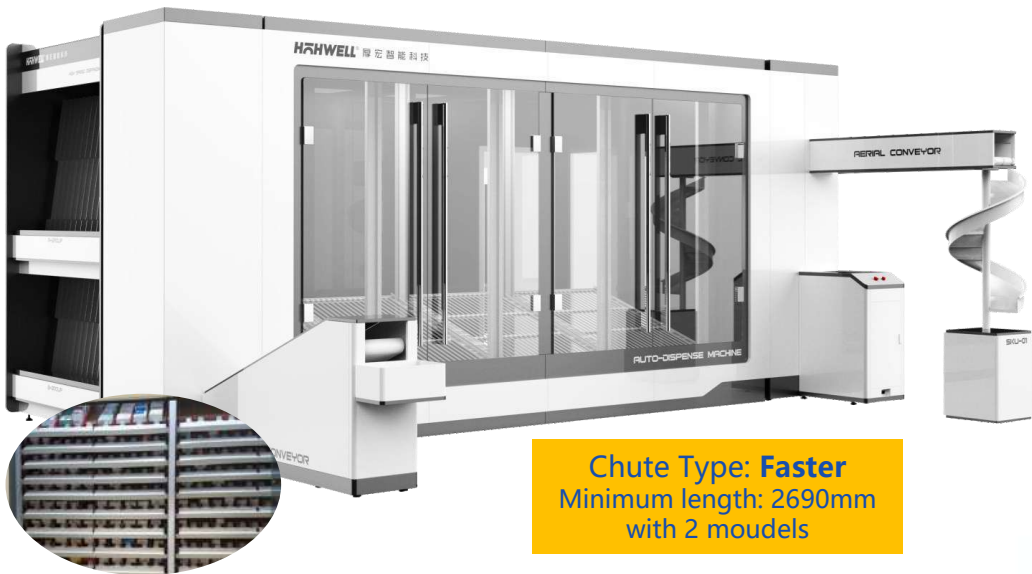
AUTOMATIC BOX DISPENSER – CHUTE TYPE

AKTIVO



Automatic Dispensing System

2 types to meet various customer demand: Chute Type & Horizontal Type; both are modularized and could be customized
For prescriptions bellow 2000 pcs per day, recommend Horizontal type



Chute Type: **Faster**
Minimum length: 2690mm
with 2 mouldels

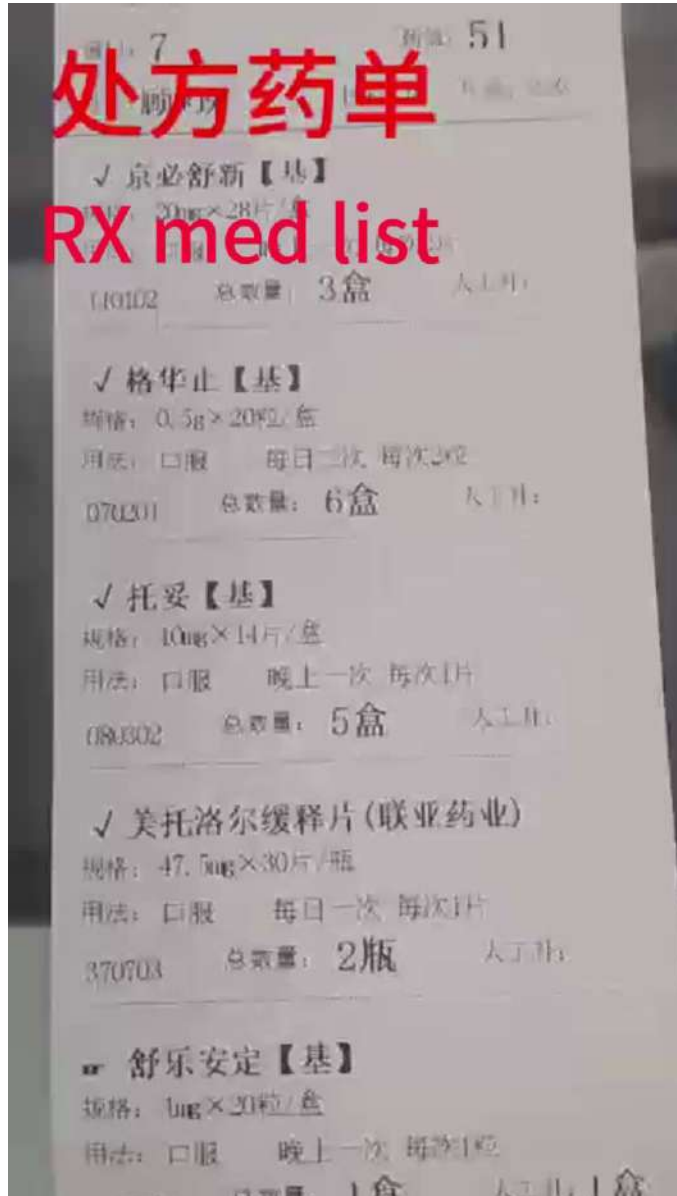


Horizontal Type: **Accurate**
Minimum length: 5400mm

- Eliminate errors for enhanced patient safety
- Fast dispensing for better patient experience
- Streamline workflow for high efficiency
- Automatic inventory with expiry reminding

	HOH-KF-1200MAX (chute)	HOH-KF-Smart (horizontal)
Dimension	4690*2850*2740mm (L*W*H)	8400*2860*1750mm (1030mm for 24-auto refill) (L*W*H)
Storage capacity ***	15000~18000 boxes	Around 30000 boxes
Storage type	about 1200 types	about 20000 types
Output speed	2500 boxes/hour	1200 boxes/hour
Input speed (Manual)	2500 boxes/hour	1200 boxes/hour
Input speed (Auto)	600 boxes/hour	600 boxes/hour

Push & Drop – Chute Type



Pick & Drop – Horizontal Type



AKTIVO



PRO & CONS

CHUTE TYPE: Fast Moving – Limited SKUs

HORIZONTAL: Slow Moving – More SKUs

Automatic Replenishment Robot (Accessories)

AKTIVO

Input speed: 600~800 boxes/Hour; it suits both chute type and horizontal type

A glance of how it works



Medication
Buffering Belt



Automatic Replenishment
Robot

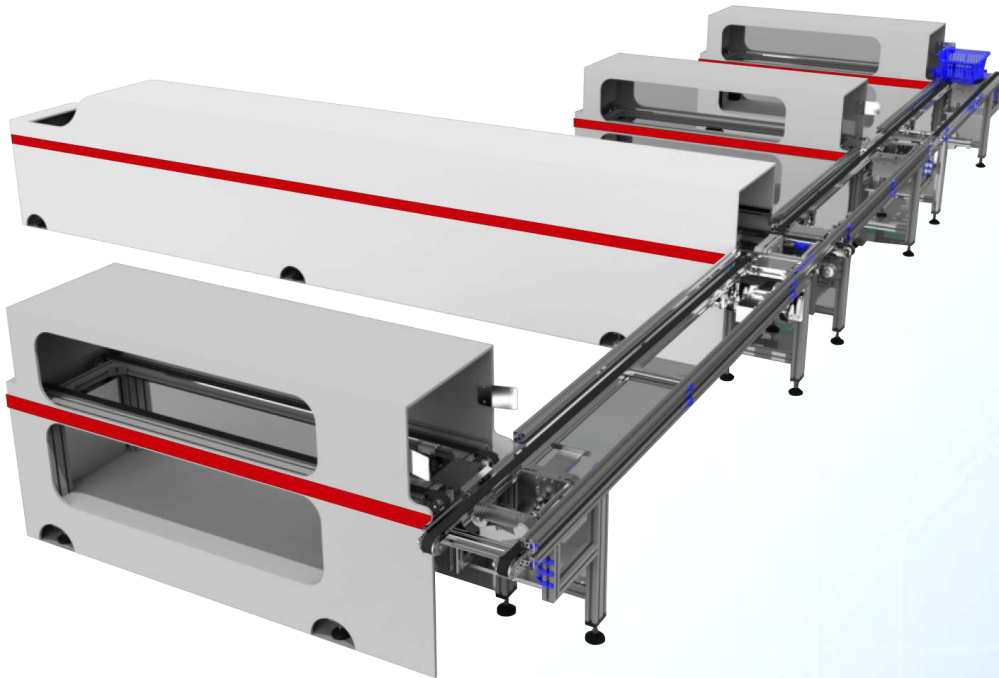


- 3D visual identity tech to locate the arm
- 5 cameras to recognize the barcode (0.3S)
- Auto recycle (not required, or failed to recognize by stacking)

Conveyor & Intelligent Basket (RDIF) Accessories

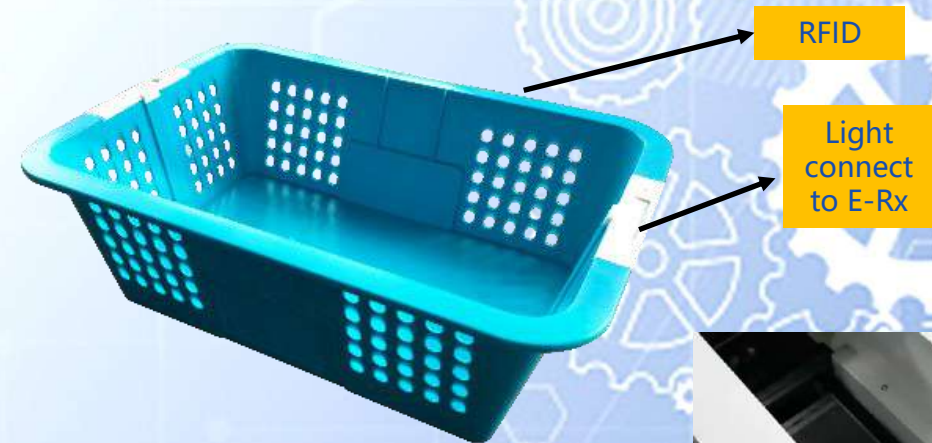
Conveyor:

- For **direct dispensing** (all from medication dispensing system) – direct sending to dedicated window.
- For **non-direct dispensing** (need add medicines from other cabinets): random input, automatically sending to designated window
- Modular design to meet various customer demand
- Reduce work load by less working



Intelligent Basket:

- Built-in RFID to bond with patient info and prescription
- Light indication for accurate dispensing





PAIN OF WAITING TIME @ OPD PHARMACY

Caused by compounding medicines



Compounding Machines: Sachets

AKTIVO



Packing Machine for Powdered Medicine

Reduce waiting time significantly!

Confidential ! To be used only in RS. Mandaya area.

Capsules Filling Machines

A Real Solution for
Capsules
Compounding



60
Minutes!

Standard from
Government ^{1,2}

+2 Hours!

Average Waiting Time for
Compounding prescription ³

Ref: 1. PERMENKES NO. 129 TH. 2008, 2. PERMENKES NO. 73 TH 2016, 3 Huvaidd SU, Adhyka N, Antika E. Analisa waktu tunggu pelayanan di instalasi Farmasi pada pasien rawat jalan di RSI Siti Rahmah. Jurnal Kedokteran dan Kesehatan Vol. 19, No. 2, Juli 2023

Confidential ! To be used only in RS. Mandaya area.

Cytotoxic Compounding Machine

Arm Robotic

AKTIVO



1. Patient Safety (avoid pyrogen contamination)
2. Patient Safety (Avoid error in labeling & picking wrong drugs)
3. Operator Safety (Cytotoxic is hazardous materials)
4. Environment Safety (Biosafety Chamber without human)

In-Patient Pharmacy Unit



Automatic Packaging & Dispensing Machine

Zero-Error Precise Dispensing
Safeguarding Every Moment



Product introduction

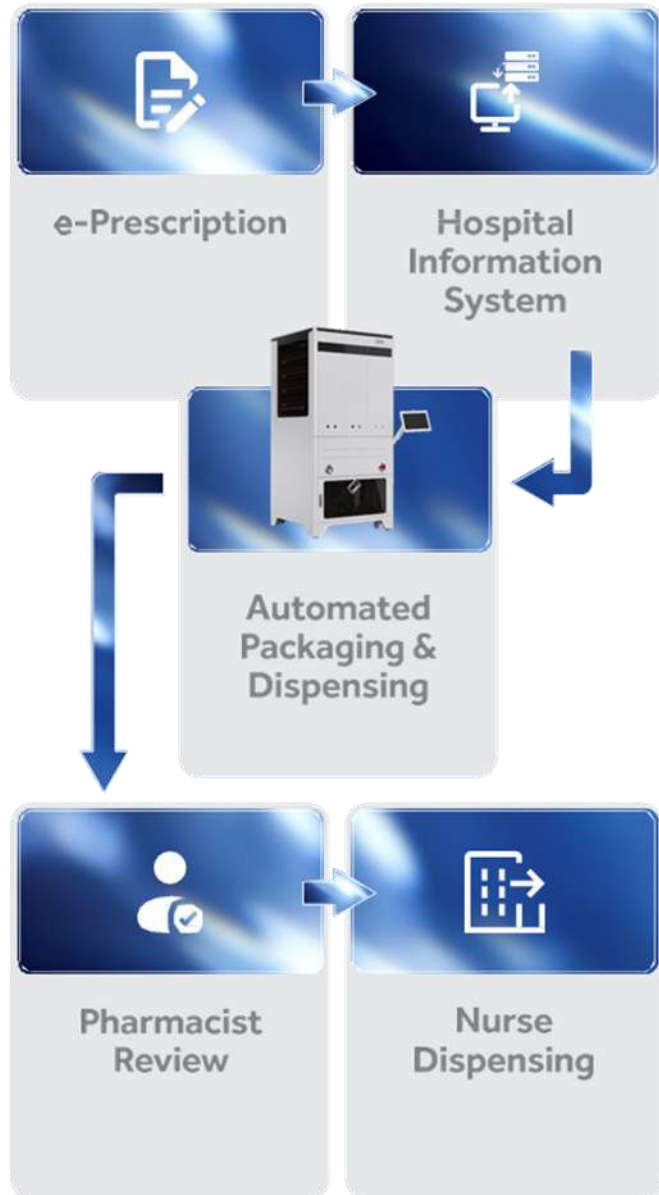
Enables automatic pill packaging. Seamlessly integrated with HIS, tablets and capsules in a patient's prescription are individually packed into separate bags with patient information printed simultaneously, ensuring precise dispensing, full traceability, improved pharmacy efficiency, and medication safety.

Technical Specifications

Haier Biomedical
Intelligent Protection of Life Science

Model	HOH-FB-D480	HOH-FB-D360	HOH-FB-D300
Dimensions(W*H*D)mm	880*1207*2000	880*930*2000	880*930*1865
Smart Medication Box	480	360	300
External Medication Box	72 Slots	72 Slots	72 Slots
Packaging Speed	40-60packs/min		
Consumables	Paper & Ribbon: 300 m, up to 4,000 packs Bag Size: 75*70 mm		

Workflow



1 Smart Medication Box

- Anywhere placement with automatic RFID recognition.
- Light, moisture, dust, and UV protection.
- Optional universal medication box.



2 Machine-Stored Medications

- Electric drawer design with semi-transparent sides, side doors locked for centralized medication loading.



3 Non-Machine-Stored Medications

- ≥72 independently motorized slots; single-slot failures auto bypassed.
- LED-lit non-machine slots for real-time placement guidance.



4 Packaging Module

- Convenient consumable replacement.
- Easy maintenance and disassembly.
- Compact belt-driven design.
- Multi-layer infrared detection sensors.



5 User Interface

- Digital medication guidance via tablet with images and text, multiple safeguards prevent placement errors.

AKTIVO



Product advantages

Haier Biomedical
Intelligent Protection of Life Science



Enhanced Medication Accuracy

Minimizes human errors, ensures correct usage, prevents wrong or missed doses.



Enhanced Operational Efficiency

Fast dispensing ensures medications are ready when patients need them.



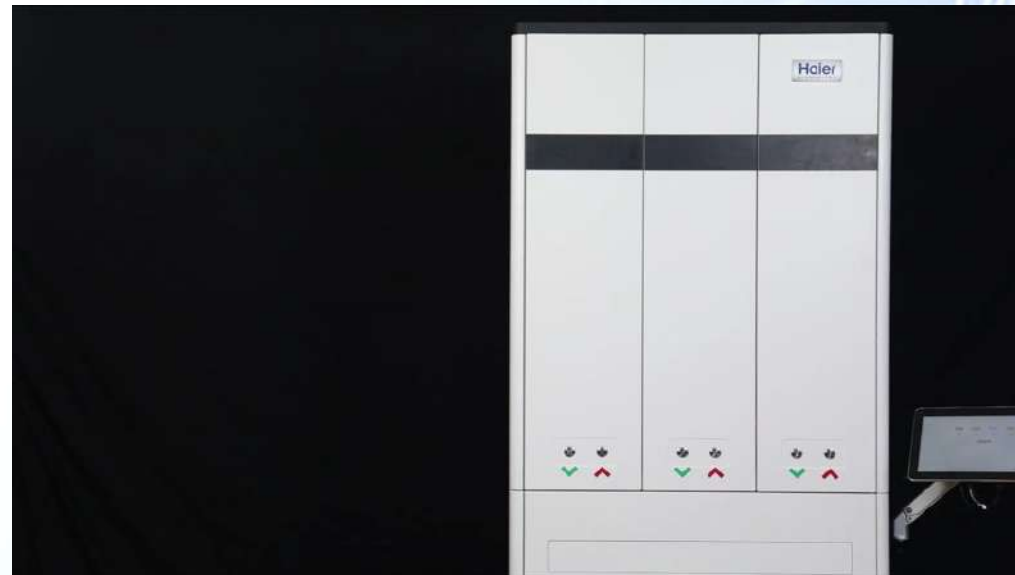
Prevents Medication Contamination

Sealed and hygienic, with automated dispensing for streamlined workflow.



Enhanced Hospital Management

Reduces disputes, enhances hospital reputation, and allows pharmacists to focus more on pharmaceutical and nursing services.



AKTIVO

Remote Pharmacy



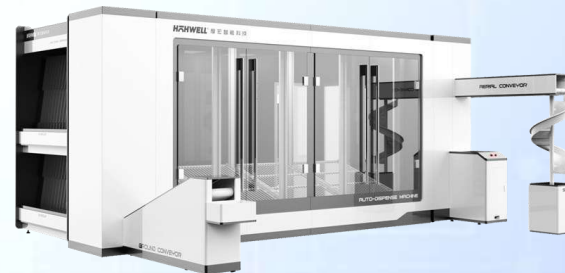
Automatic Dispensing Cabinet



UD Packaging machine



Emergency Crash Cart



Box Dispenser

Why **REMOTE PHARMACY** system is better than pharmacy depot?

- 24 Hours unattended services
- Traceability – Who takes what items and when
- Effective in managing FEFO & FIFO
- System to control the accuracy of dispensing
- System to connect to finance system: charging to the patient (billing)
- Automatic Replenishment Warning / Reminder to Central Pharmacy
- Availability of Medicines at Operation Room when the operation is longer than predicted
- Efficiency to reduce cost of pharmacy depot expenses (24 hours, people, space utilization, etc)



Smart Shelves Product Series

Various intelligent devices based on
RFID technology and weighing technology



RFID High-value consumable smart shelf **AKTIVO**



CONFIGURATION CATH'LAB

AKTIVO

Pull-out Grid Cabinet



Fixed Type



Catheter Hanger



Bottom Pull Basket



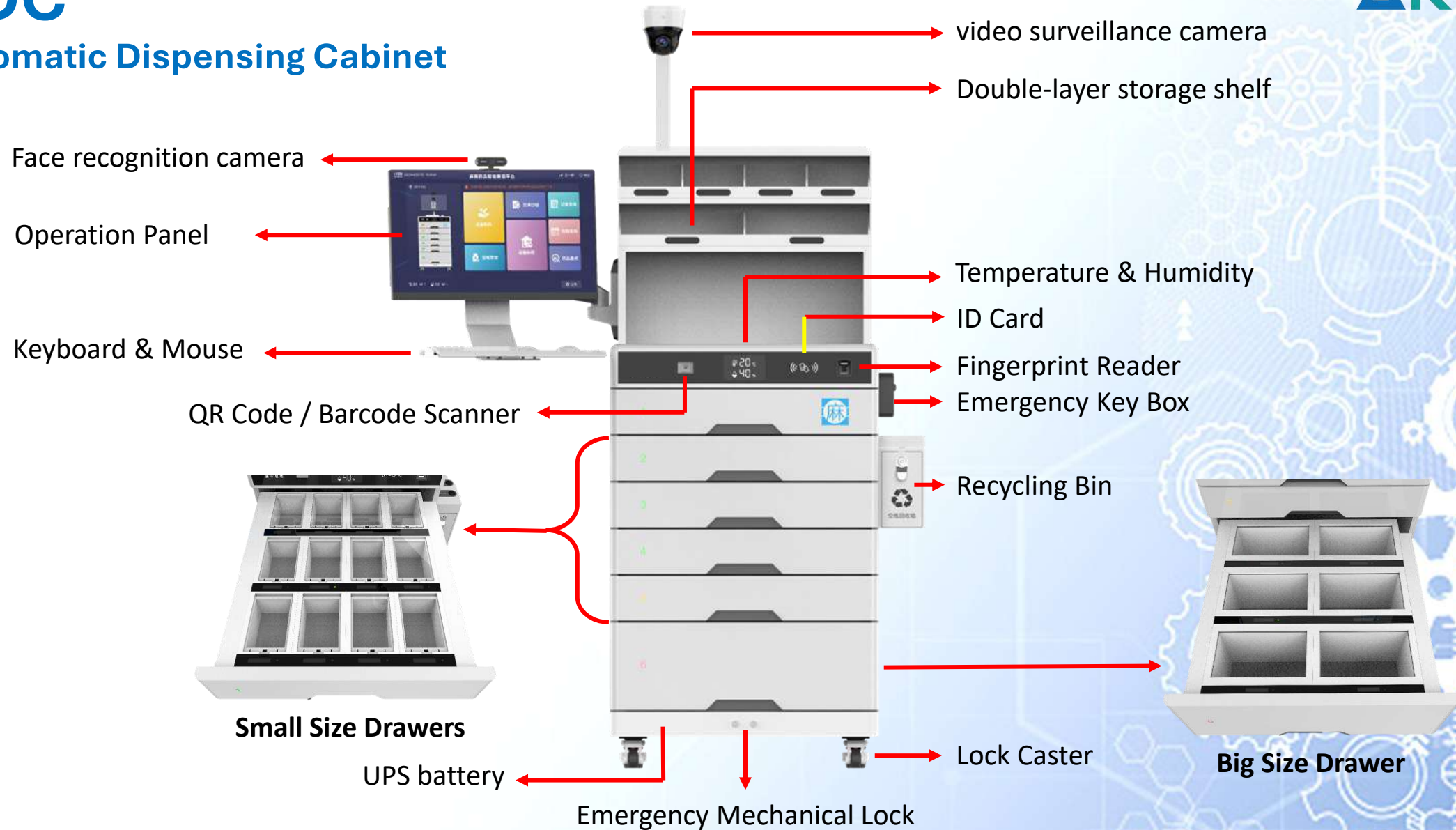
RFID - High-value Consumables Management



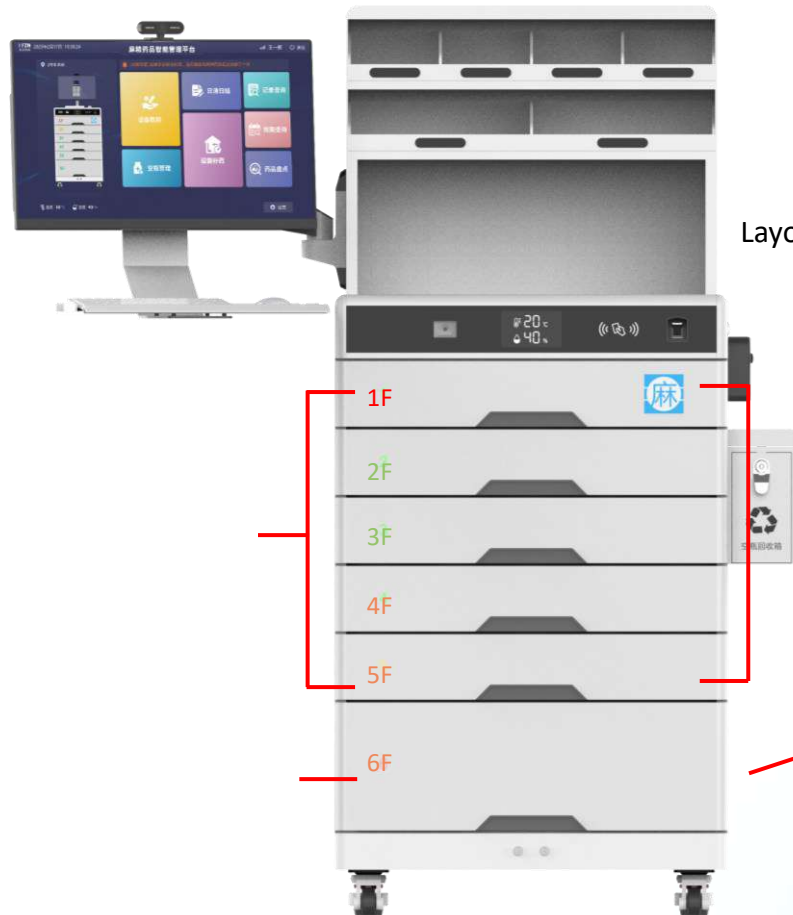
ADC

Automatic Dispensing Cabinet

AKTIVO



ADC Configurations of Multiple Medication Box Types



Specification:

Length: 104mm

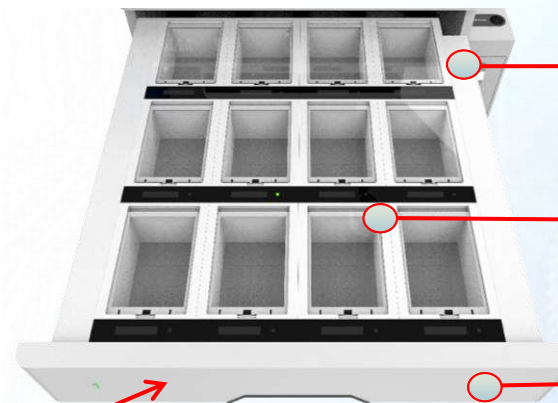
Width: 126mm

Depth: 58mm

Capacity: 0.76L

Layout: 3 rows × 4 columns

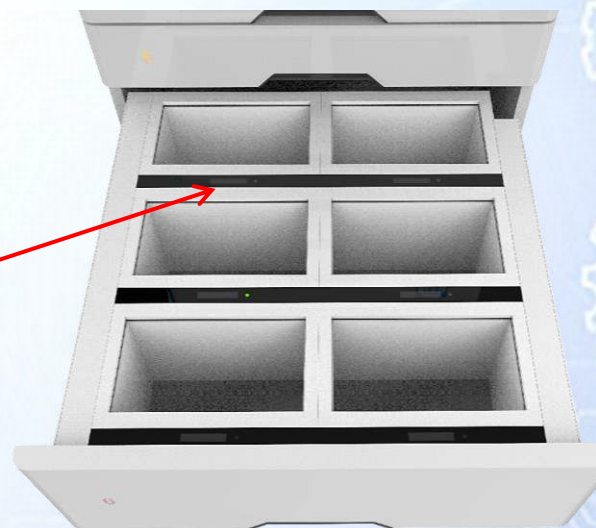
1U1H medication box



Medication Box Lid
medication box lid can only be opened
after two-person verification

Medication Box Indicator Light
Show the quantity of medication
dispensed or replenished

Medication Box Display
Displays the
medication name, specification, as
well as the quantity dispensed or
replenished



Specification:

Length: 255mm

Width: 103mm

Depth: 121mm

Capacity: 3L

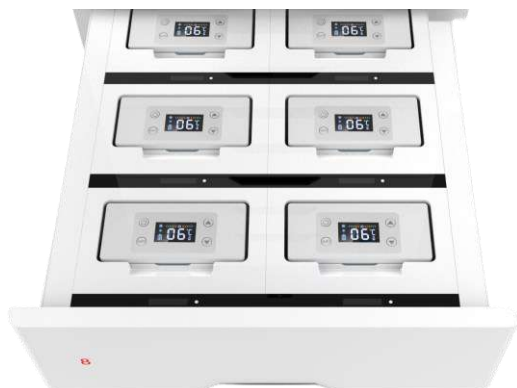
Layout: 3 rows × 2 columns

2U2H medication box

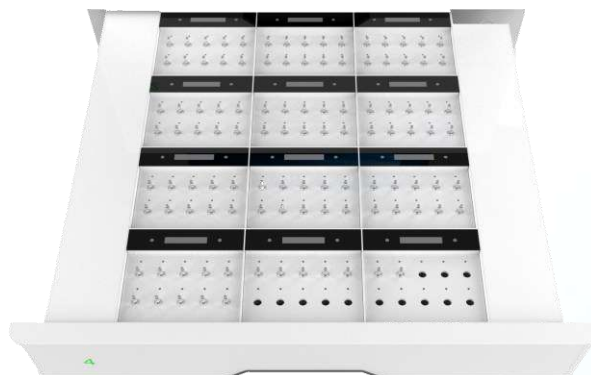
ADC - More optional modules

AKTIVO

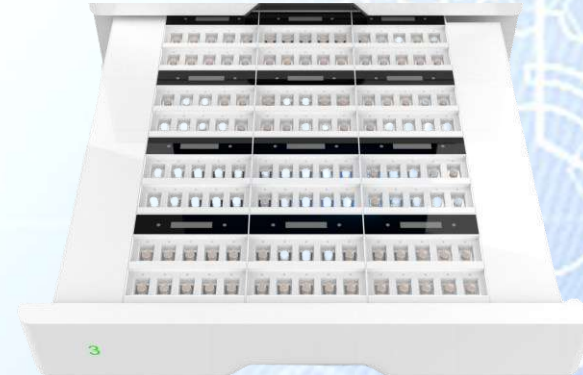
Refrigerated drawer



Light-sensing drawer (for injections)



Light-sensing drawer (for tablets)



AI drawer



RFID drawer



Single-dose drug dispensing drawer



Automatic Dispensing Cabinets (ADC)

AKTIVO



Intelligent Integrated Medication Cabinet

AKT-ZYG-01A6

Product Features:

- Two types of medicine compartment configurations allow for simultaneous storage and management of both boxed and unpackaged medications.
- Storage capacity for $\geq 7,200$ units of medication.



Intelligent Integrated Medication Cabinet

AKT-ZYG-02A6

Product Features:

- Two types of medicine compartment configurations enable simultaneous storage and management of both boxed and unpackaged medications.
- Storage capacity for $\geq 7,200$ units of medication.
- Side-mounted display and top-mounted storage compartment, with a hidden auxiliary workbench that reserves ample operating space.



Intelligent Integrated Medication Cabinet

AKT-ZYG-01A3

Product Features:

- Compact and flexible design with low space occupancy and low cost
- Single type of medicine compartment configuration for storing and managing 3,600 units of unpackaged medications.

Automatic Dispensing Cabinets

AKTIVO



Intelligent Medication Security Cabinet

AKT-ZYG-01B

Product Features:

- Single type of medicine compartment configuration for storing and managing boxed medications.
- Number of stored medication types ≥ 32 , with a total storage capacity for all medications $\geq 22,400$ units.



Intelligent Medication Security Cabinet

AKT-ZYG-01BF

Product Features:

- Auxiliary Cabinet designed for use in conjunction with the main cabinet.
- Single type of medicine compartment configuration for storing and managing boxed medications.
- Number of stored medication types ≥ 32 , with a total storage capacity for all medications $\geq 22,400$ units.



Intelligent Medication Security Cabinet

AKT-ZYG-01BL

Product Features:

- Equipped with a refrigeration function for storing and managing medications requiring cold storage.
- Single type of medicine compartment configuration for storing and managing boxed medications.
- Number of stored medication types ≥ 32 , with a total storage capacity for all medications $\geq 22,400$ units.



Intelligent Medication Security Cabinet

AKT-ZYG-02B

Product Features:

- Single type of medicine compartment configuration for storing and managing boxed medications.
- Number of stored medication types ≥ 32 , with a total storage capacity for all medications $\geq 22,400$ units.

Automatic Dispensing Cabinets

AKTIVO



Intelligent Medication Kit Cabinet

AKT-ZYG-01L

Product Features:

- Single cartridge configuration for storage and management of cold-storage boxed medications
- Supports storage of ≥ 32 medication types with total capacity $\geq 22,400$ doses



Intelligent Medication Kit Cabinet

AKT-ZYG-01T

Product Features:

- Medication kits divided by surgical type: General Anesthesia Kit, Local Anesthesia Kit, Analgesia Kit
- Anesthesiologists retrieve corresponding medication kits based on surgical needs

Pharmacy Smart Shelves (Economic)

AKTIVO



E-Rx Identification



Pharmacist



1. Recorded pharmacist identity
2. Tower light & LED light to guide the location of the medicines
3. Weight Scale to improve precision.
 - Taken # of tablets vs E-Rx
 - Taken Medicines vs E-Rx
4. Log book & CCTV recording

THE SMART SHELVES (Economic)

SMART TAG & MODERN FLOW PROCESS

AKTIVO



**Patient visit Pharmacy
And pay for medicines
(if any)**



**Pharmacist
Assignment**



**Pharmacist print
Patient's drug label
(Etiket Obat)**



**Pharmacist Entering
Dispensing Room
(Scan QR Code)**



**Tower light will Show
which Shelf
(Medicine location)**



**Hand over to oth
Pharmacist to give
medicine to patient**



**Put all the drug label
& match with
medicines**



**Put all the medicines
& Drug Label at jolly
box**



Pregnant women are healthy patients

Waiting at Hospital Pharmacy?

- Afraid of infectious airborne diseases
- Didn't want to stay long at waiting counter, together with other patients.

Most of prescriptions?

- Vitamins, Folic Acid, Antacids, Antiemetics



24 hrs unattended dispensing system

24-hour unattended dispensing system

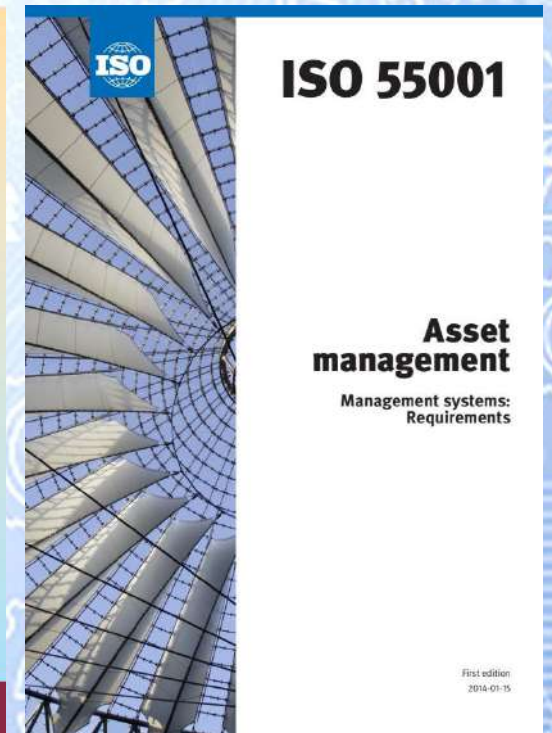
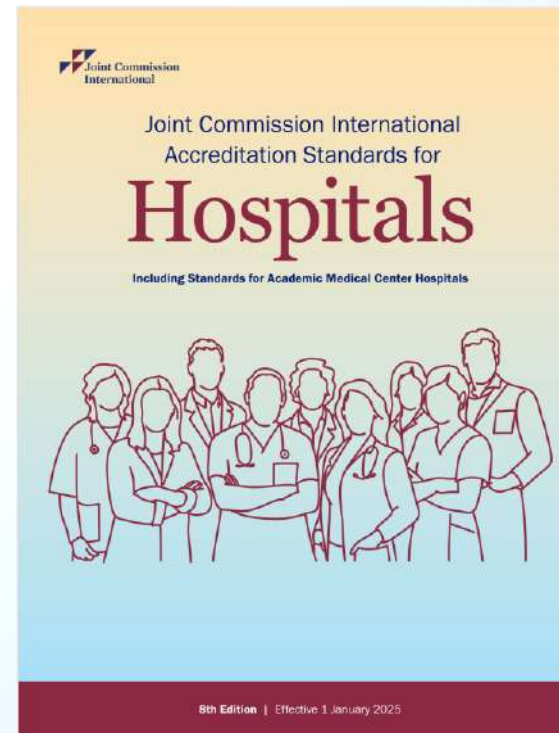
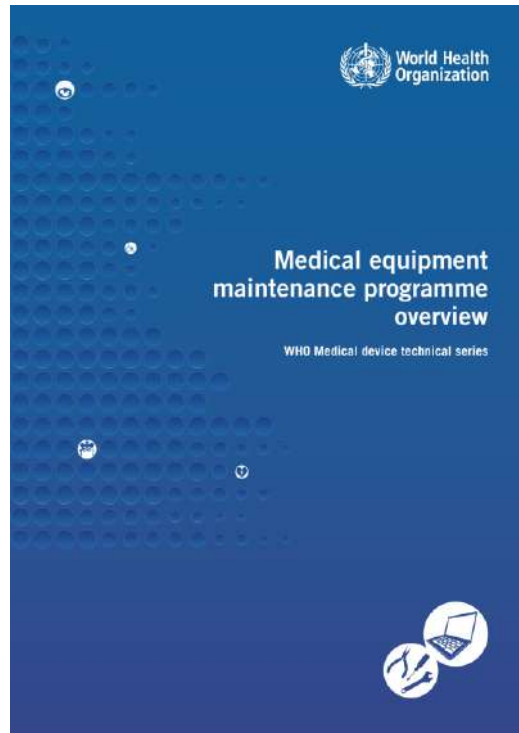
It is suitable for hospitals, outpatient clinics, and 24-hour pharmacies , supports self-service prescription and dispensing medicines automatically.

- Symptom-oriented purchasing procedures/medicine search purchasing procedures
- Online consulting and video diagnosis functions
- Can connect with variety payment methods like cash, deposit card, medical card and other payment system.
- Body temperature measurement functions.

DESCRIPTION	SPECIFICATION
Product	24-hour unattended dispensing system
Model	HOH-24H-T
Machine size	3550*850*2000 (mm)
Storage type	108 types
Capacity	about 2400 boxes
Dispensing method	Dispense and inspect box by box
Replenish	Front door batch replenish
Identification mode	ID card, social security card, medical card, scan code etc.
Power	220V~50HZ 3KW

4. Hospital Asset Management (HAMSTER)

PREVENTIVE MAINTENANCE – INSPECTION – COMPLAINTS & REPAIR



HOSPITAL ASSET MANAGEMENT SYSTEM TRACKING EASY REALTIME

ASSET MANAGEMENT SYSTEM



Assets
CALIBRATION



Assets
MAINTENANCE



Assets
UTILIZATION



Assets
WARRANTY



Assets
DEPRECIATION

ASSET TRACKING



Assets
MUTATION



Assets
LOCATION



Assets
INVENTORIES



Assets
SECURITY

MULTI PLATFORM



RFID READER



RFID GUN



RFID Tag for laundry

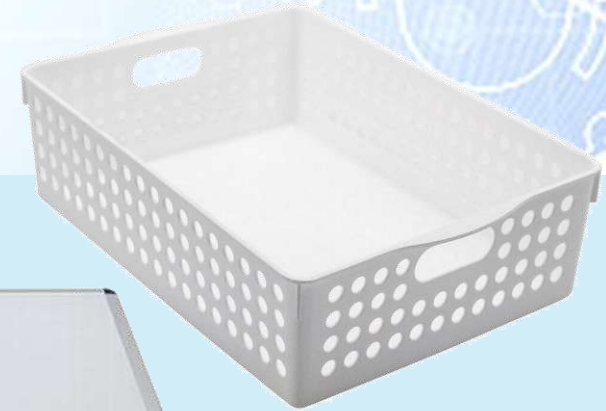
RFID Tag for Computer

RFID Tag for Metal (Flexible)

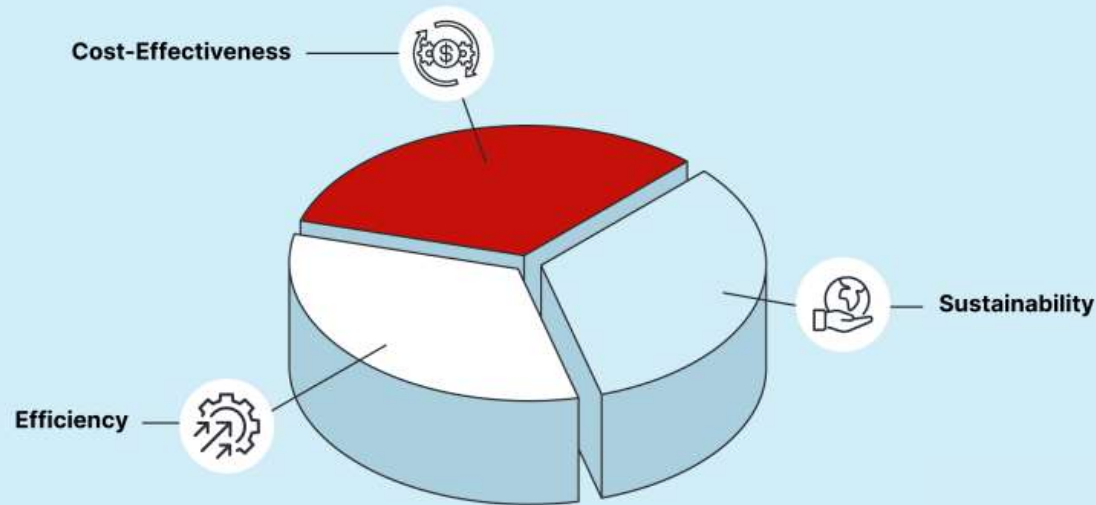
RFID Tag for Microsurgery

ASSETS UTILIZATION FOR CSSID:

- Through Hamster Mobile Phone Apps, Scan: QR Code / Barcode
- Through Readers (Heavy investment) RealTime Location.
- Through Hamsters Gun, Scan: QR Code / Barcode or Scan Tag.



Importance of Asset Utilization



RFID Tag for Assets – Gate System & Specification



Physical Features:			
Material	Ceramic	Color	Black
Dimensions	4.8*4.8*3.0mm	Weight	0.4g
Working Temp	-20℃ ~ +85℃	Storage Temp	-40℃ ~ +250℃
IP Rating	IP68	Humidity	98% Non-condensing
RFID Features:			
RFID Standard		ISO/IEC 18000-6C (EPC Gen2)	
Chip Type		Alien Higgs-3/Impinj Monza 5	
EPC Memory		96 bits to 480 bits	
User Memory		512 bits	
Read Range	902-928 MHz	0.5-1.5m	
	865-868 MHz	0.5-1.0m	
Other Features:			
Data Storage	> 10 years		
Re-write	100,000 times		
Installation	Embedded, Epoxy, Adhesive		
Customization	Encoding, Designing etc		



Autoclave
Resistant



For Security reasons we
can put the Gate at the exit
door. (if needed)

5. Baby Monitoring System

Code Pink Prevention



INDIA TV

**WHAT IS
CODE PINK?**

AND HOW DOES IT WORK?

Code Pink is a hospital alert to prevent infant abduction and theft.

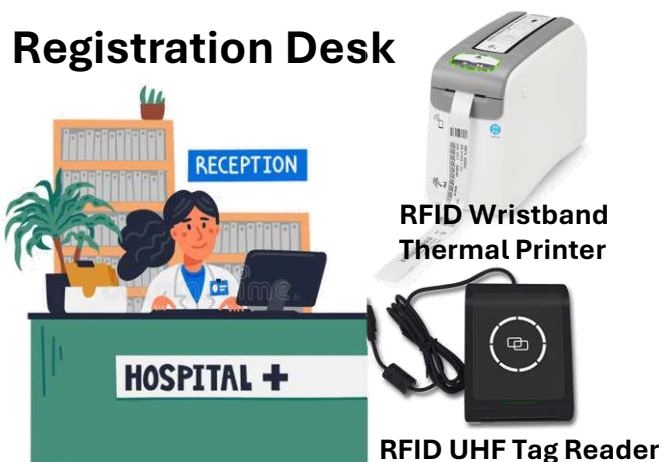
The system is triggered the moment a newborn or child under 15 is reported missing from hospital premises

Its designed to initiate a swift, coordinated response to locate and recover the child

Baby Monitoring System

AKTIVO

Registration Desk



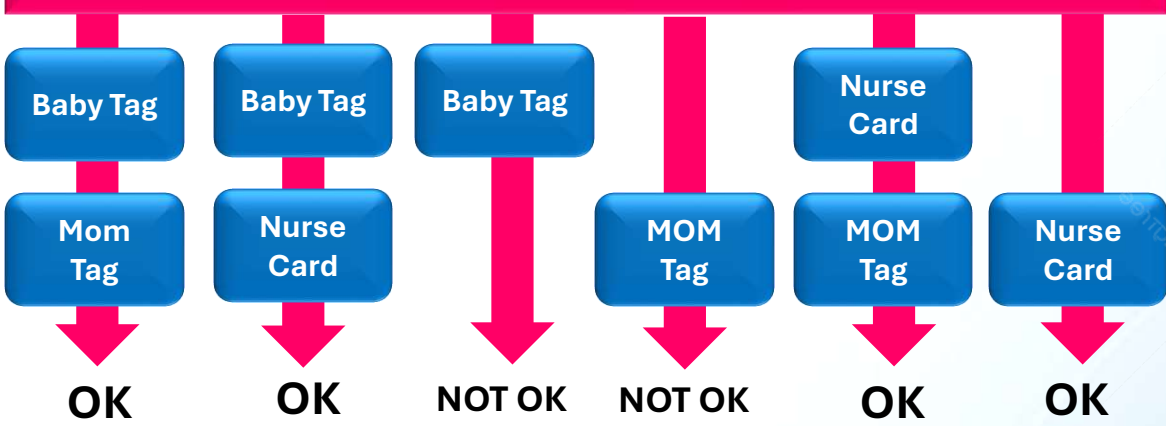
Delivery Room



Babies Room



Condition to pass RFID Reader



Not OK = Trigger Siren Alarm



Nurse with RFID Card



B-moST

Baby Monitoring System

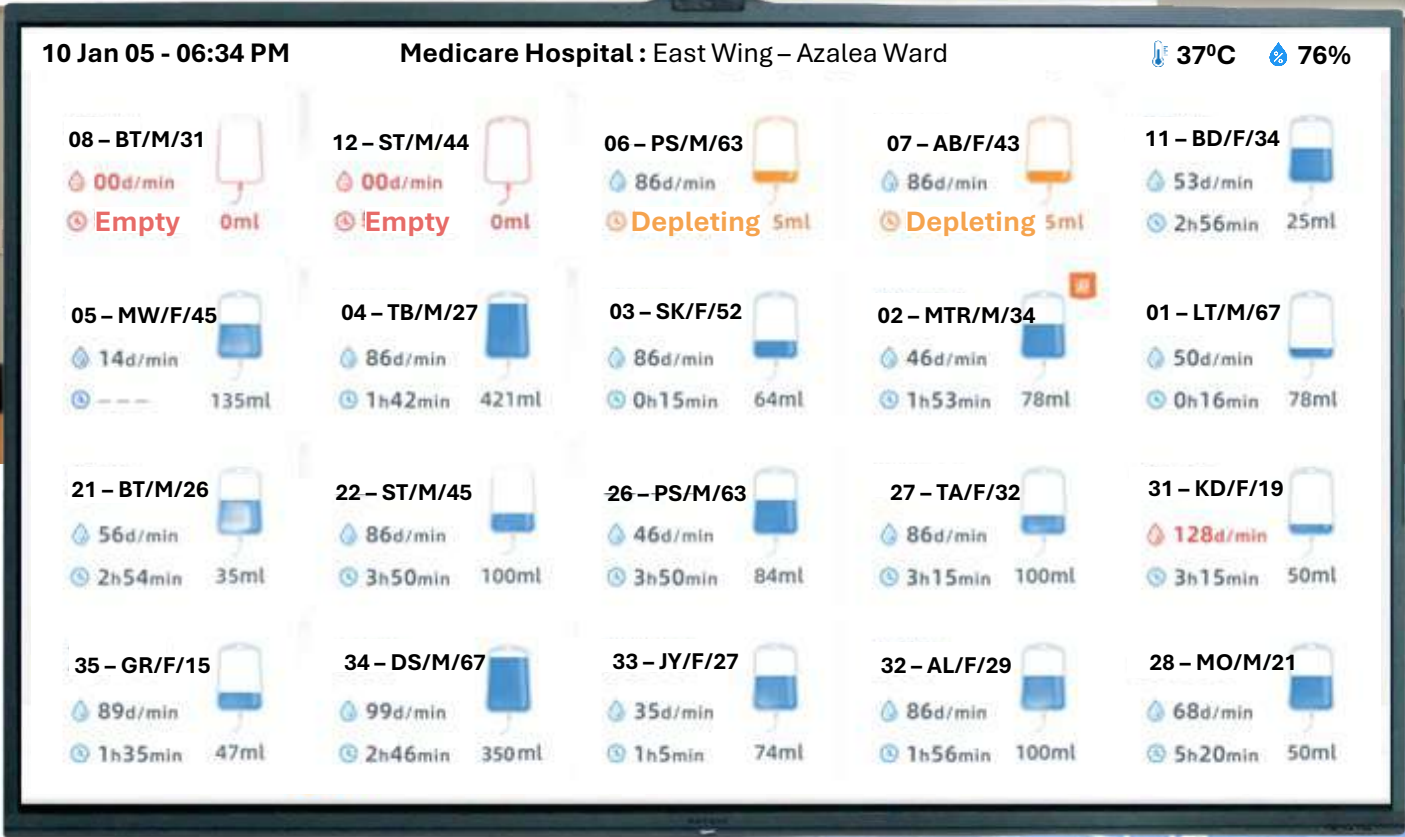
6. Internet of Things & Nurse station Dashboard



The SMART WARD – IOT Infuscale



护士站 Nurse Station

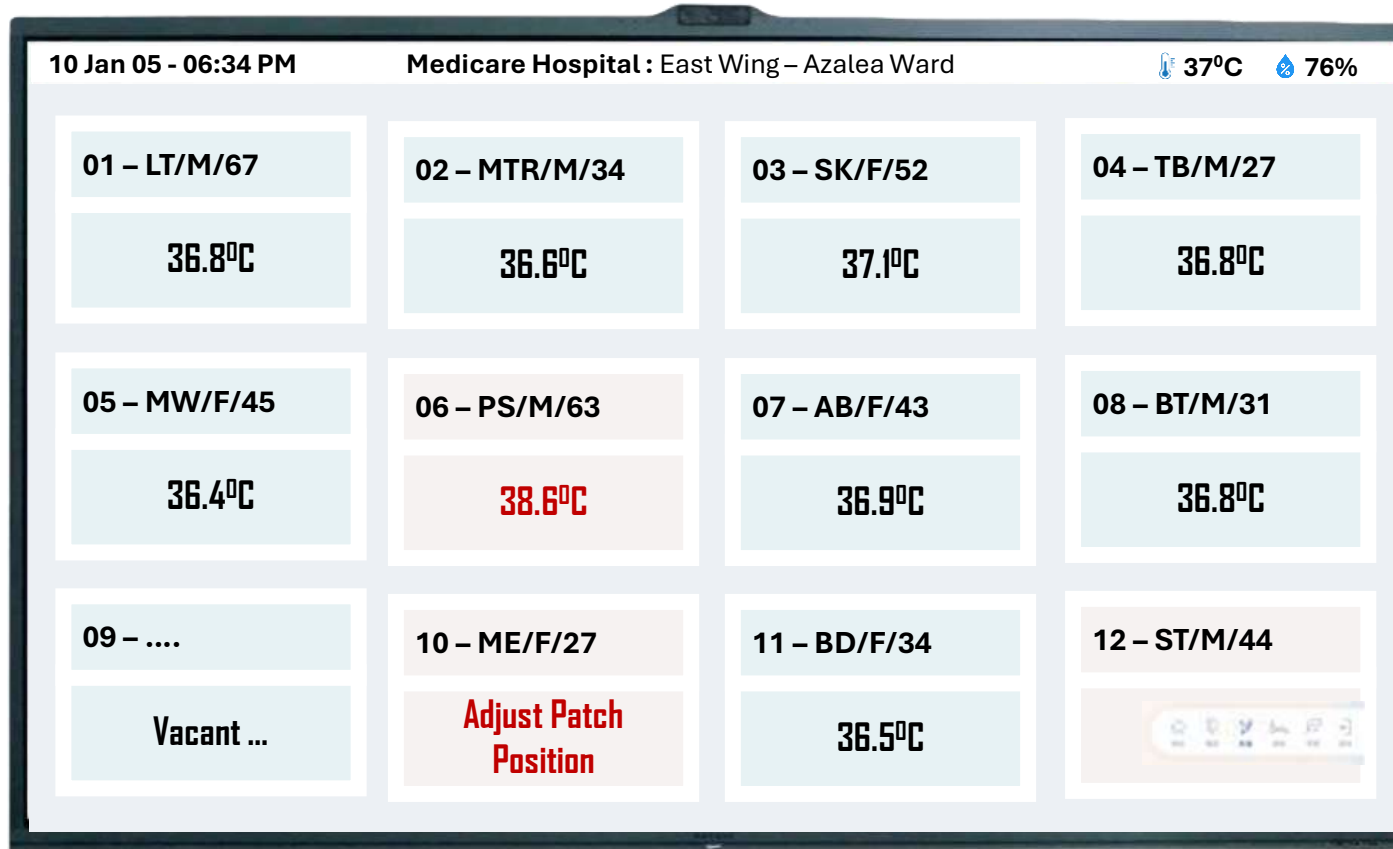


10 – ME/F/27



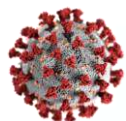
The SMART WARD – IOT Body Temperature

AKTIVO



24 Hours Monitoring of Patient's Body Temperature:

- Alarm
- Integration to SimRS



Pandemic Situation



Pediatric Ward



Temperature label



Body temperature fixing patch



The SMART WARD – IOT Environment

AKTIVO



- Ambience Temperature
- Humidity
- Pressure
- And 6 others

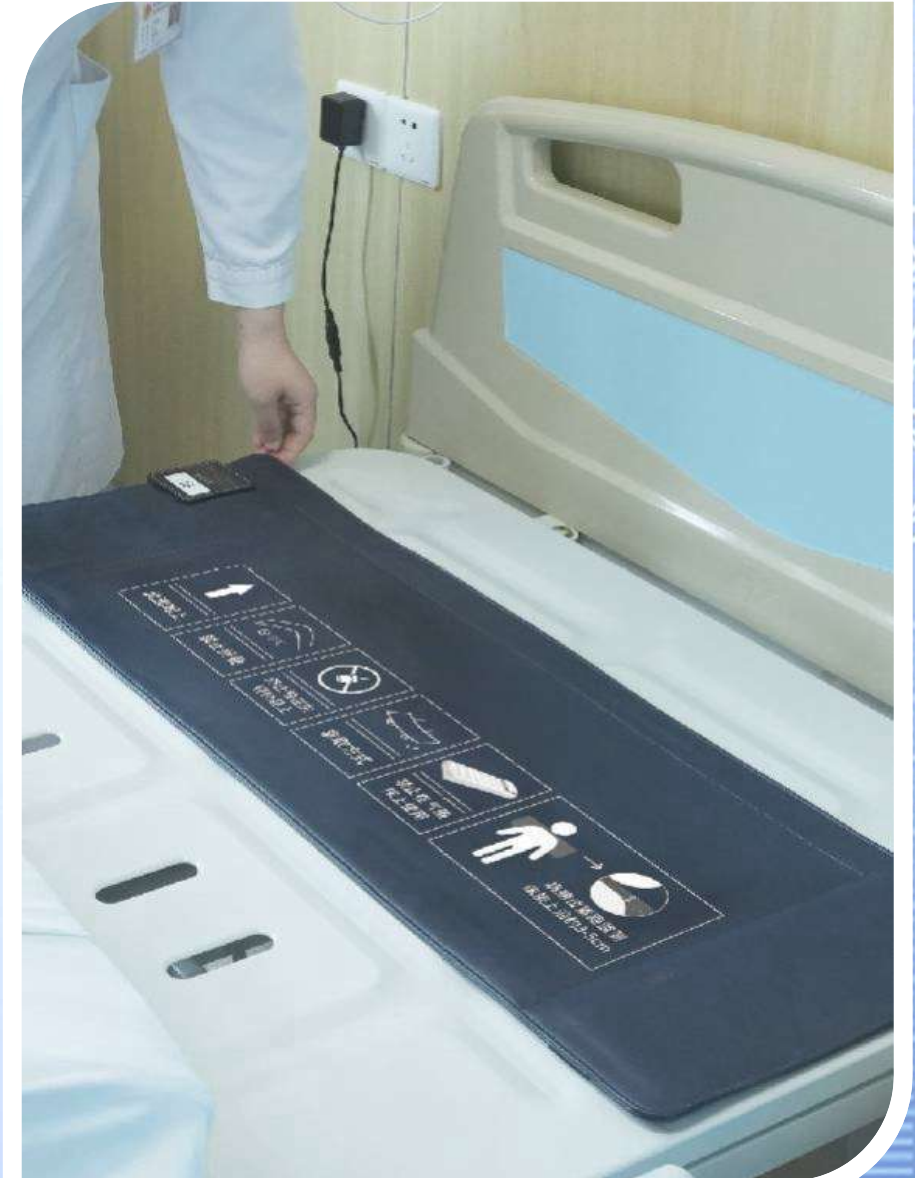


The SMART WARD – IOT Patient's Vital Signs

10 Jan 05 - 06:34 PM Medicare Hospital : East Wing – Azalea Ward 37°C 76%

01 – LT/M/67	02 – MTR/M/34	03 – SK/F/52	04 – TB/M/27	05 – MW/F/45	06 – PS/M/63
07 – AB/F/43	08 – BT/M/31	09 – JY/F/27	10 – GR/F/15	11 – BD/F/34	12 – ST/M/44
13 – BT/M/26	14 – ST/M/45	15 – DS/M/67	16 – PS/M/63	17 – TA/F/32	18 –
19 – JY/F/27	20 – GR/F/15	21 – BD/F/34	22 – ST/M/44	23 – MO/M/21	31 – Vacant
32 – BT/M/26	33 – Error	34 – DS/M/67	35 – PS/M/63	36 – TA/F/32	37 –

- Patient's respiratory and heart rate
- Automatically perceive the patient's in bed/out of bed status;
- Based on the duration of inactivity, indicate the risk of pressure ulcers.



7. Patient Infotainment & SMART Room



Patient Infotainment



Economical room (3rd Class) in South Korea



PATIENT INFOTAINMENT Benefits:



Patient Centered Service

- Patient Medical Records
- Radiology, Lab Results
- Patient Schedule & Reminder
- Patient Education
- Hospital Facilities



Personalized their choice

- Netflix (patient's account)
- Choice of movies
- Choice of games
- Food Selection / Request



Communication & Connectivity

- WhatsApp Call
- Video Call
- Nurse Call
- Patient Request
- Connectivity with SMART IOTs (Smart light, smart curtain, etc)



SMART ROOM

PRODUCT FEATURES

1. Information



Hospital Facilities



Patient Education



EHS Video



Floor Map



Medical Prescription



Radiology & Lab Result



Vital Signs



Billing Statement

2. Entertainment



Movie & News



Games



Browser

3. Communication



VOIP Nurse Call



Patient's Request

4. Others



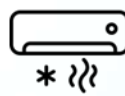
Food
Order / selection



Patient
Satisfaction Survey



SMART light



SMART IR
Control



SMART Curtain
Motor

OPTIONAL



Note:

All menu such as games, social media applications, information could be adjusted or added according to client's preferences

P-Quest[®]

Patient Request Module to elevate Positive Patient's experience

AKTIVO
Health TECHNOLOGY to Empower PATIENT JOURNEY

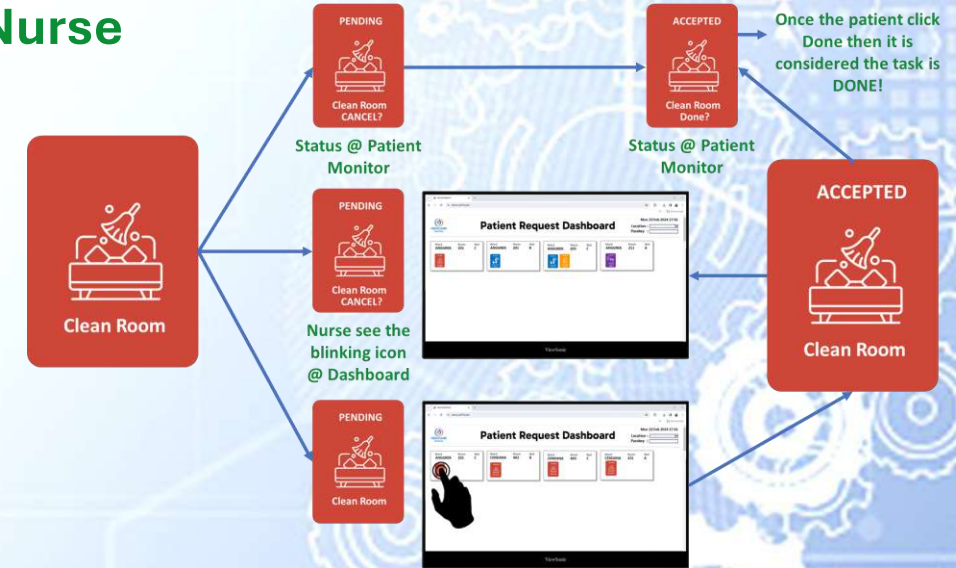
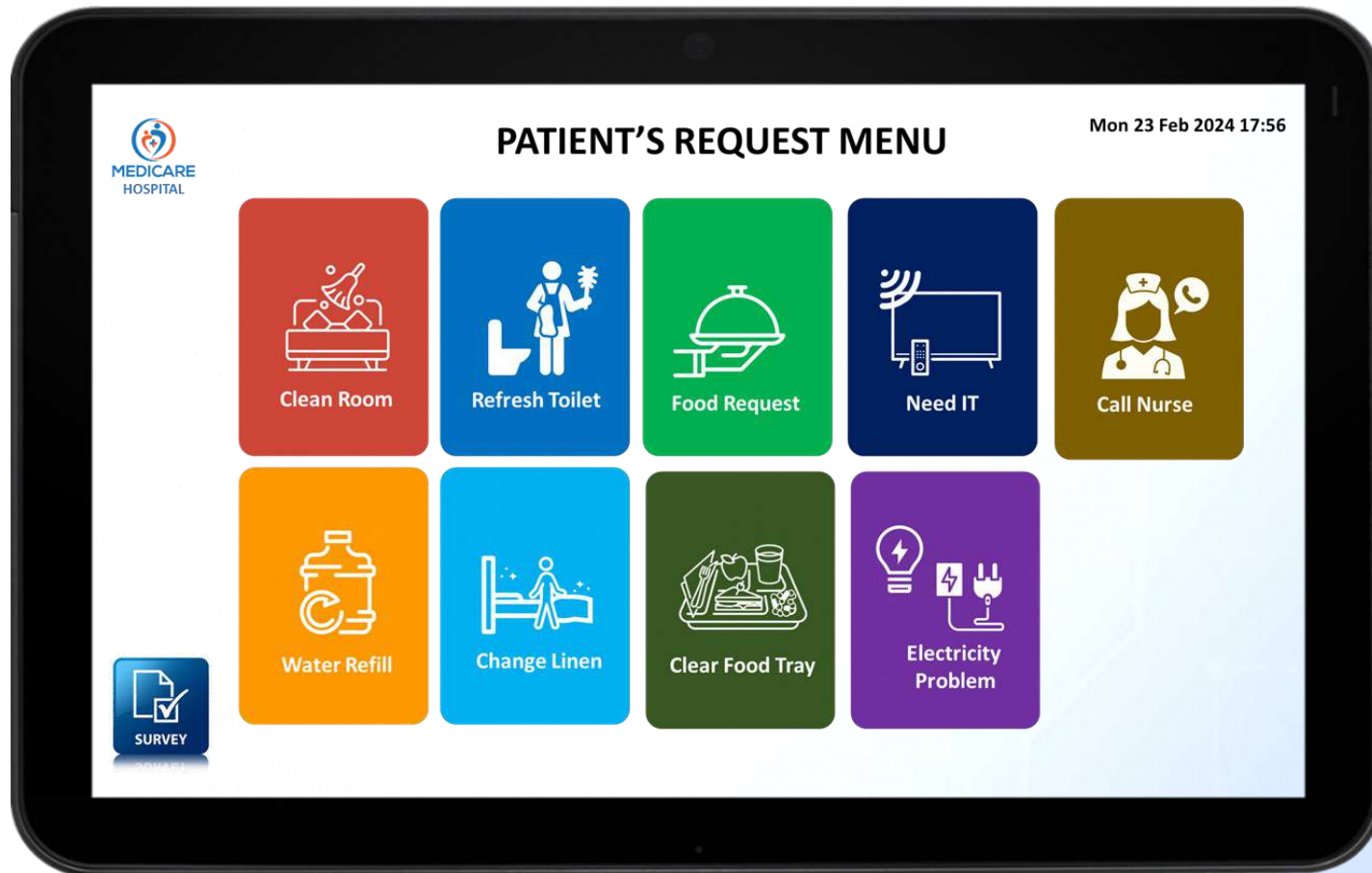


P-Quest[®]

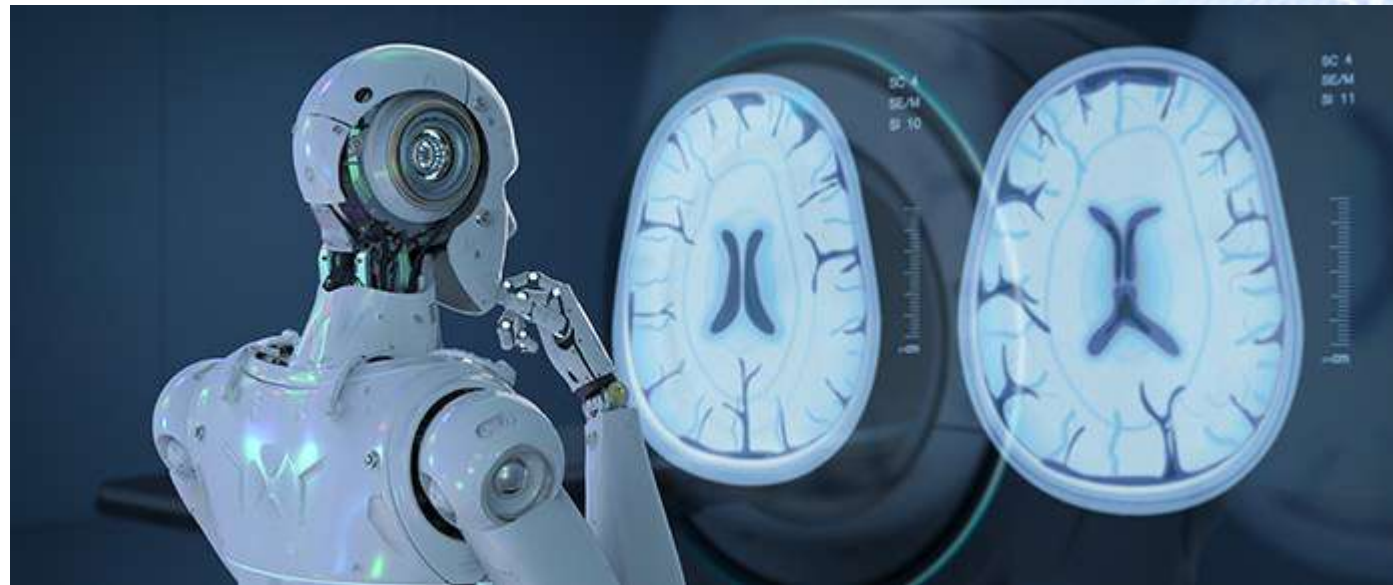
Patient Request Module to elevate Positive Patient's experience

Not Every Call from Patients are Nurse Job, Free the load of Nurse to care the patient in need more effectively and efficiently.

AKTIVO



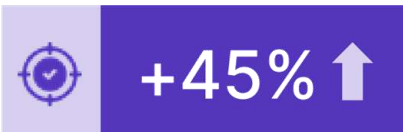
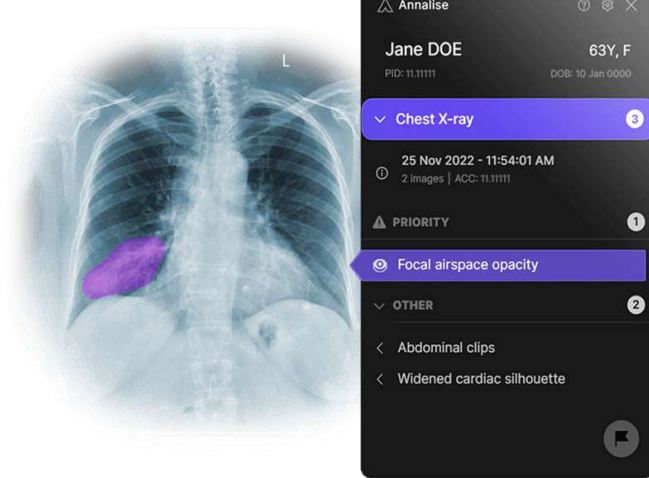
7. Artificial Intelligence Diagnostic



Deep Analysis with AI Diagnostic

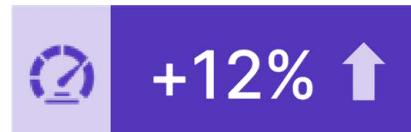
AKTIVO

Chest X-Ray



Accuracy improvement

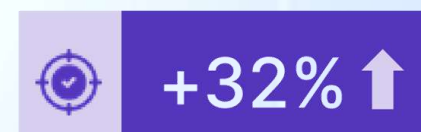
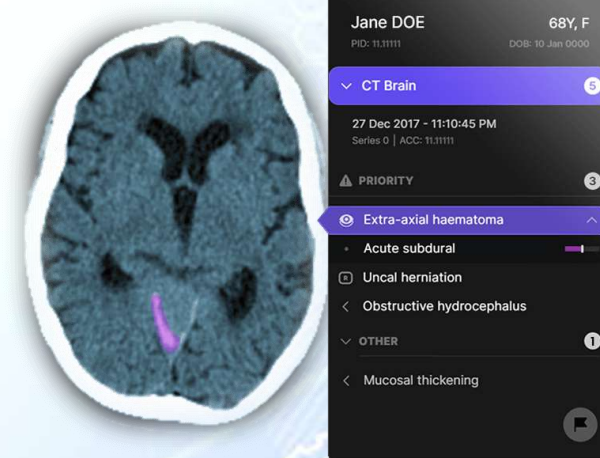
AI-assisted radiologists were significantly more accurate, averaged across all 124 findings. (0.81 vs. 0.71 AUC, against AUC 0.5 baseline)



Efficiency improvement

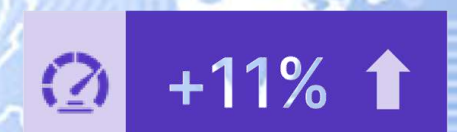
AI-assisted radiologists reported cases on average 15 seconds faster than unassisted radiologists. (107 vs. 122 sec/case)

CT Brain



Accuracy improvement

AI-assisted radiologists were significantly more accurate, averaged across all 130 findings. (0.77 vs. 0.70 AUC, against AUC 0.5 baseline)



Efficiency improvement

AI-assisted radiologists reported cases on average 26 seconds faster than unassisted radiologists. (210 vs. 236 sec/case)

Get the results with Confidence.....

8. Transport & Logistic

Transformation in Hospital Transportation



1

Runner



2

Trolley



3

Robot Delivery
AGV – Automated Guided Vehicle



4

Pneumatic Tubes
PTS



5

Electric Transport Vehicle
ETV

Transformation in Hospital Transportation



1

Runner



2

Trolley



3

Robot Delivery
AGV – Automated Guided Vehicle



4

Pneumatic Tubes
PTS



5

Electric Transport Vehicle
ETV

The image shows a clean, brightly lit hospital pharmacy. In the foreground, two blue telelift mobile robots are positioned on a track. One robot has a tablet mounted on a stand in front of it. To the left, a curved track system with a blue telelift unit is visible. The background features tall white shelving units filled with various medications and boxes. The overall scene depicts a highly organized and automated pharmaceutical environment.

AKTIVO

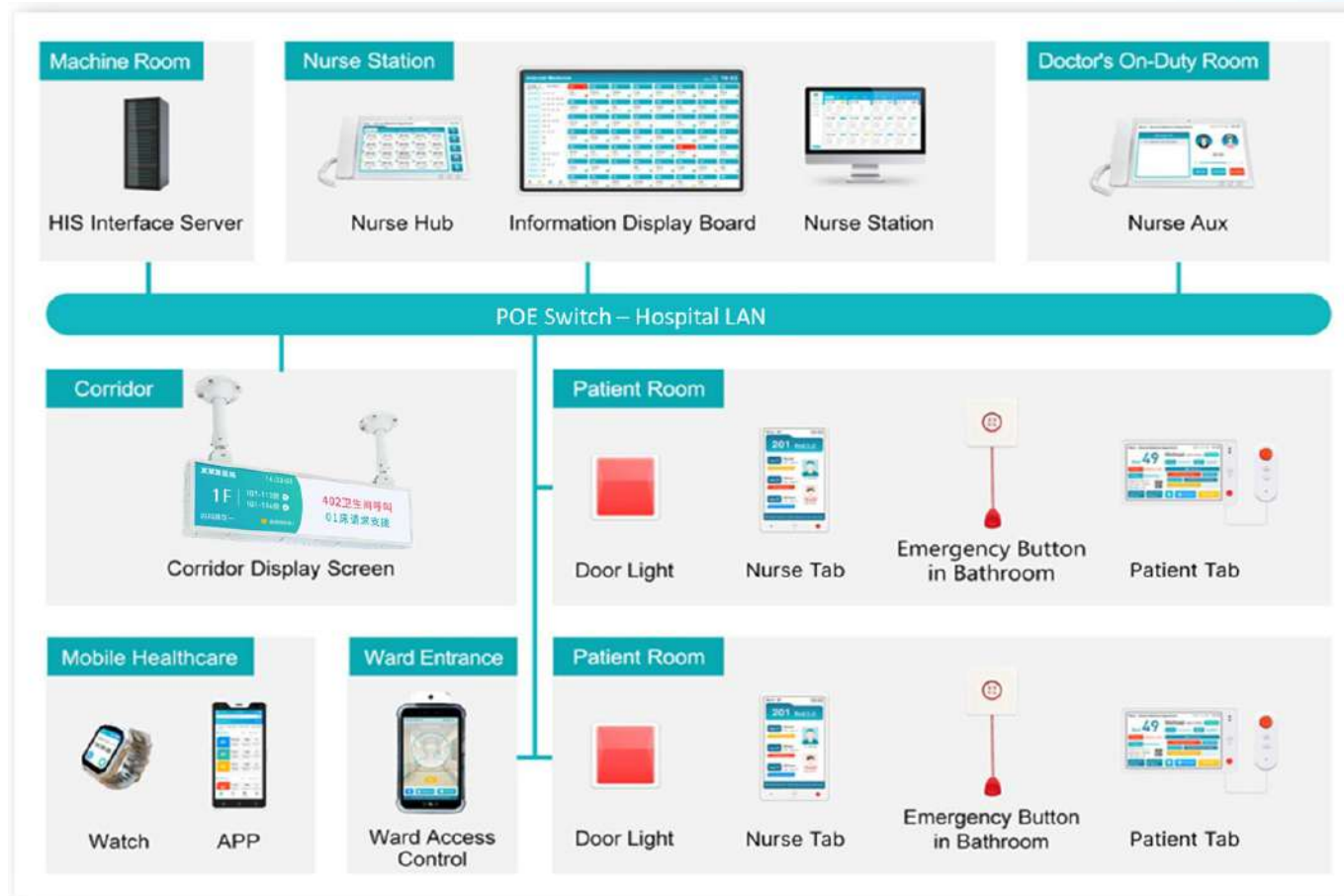
Transporting medicines From In-patient Pharmacy to the ward is getting easier...

Eye Witness of Telelift at Shanghai General Hospital



上海市第一人民医院
SHANGHAI GENERAL HOSPITAL
上海交通大学医学院附属第一人民医院
上海市红十字医院

9. SMART NURSE CALL SYSTEM





Nursewire® – Nurse Call Digital System

IP Based Products

NURSE STATION



1. IP Main Terminal



2. Mobile Application & Devices



3. Nurse Dashboard

CORRIDOR



4. Corridor Display



5. IP Dome Light



6. Nurse Tab

PATIENT'S ROOM



7. IP Call Button &
2 way IP Phone

REST ROOM



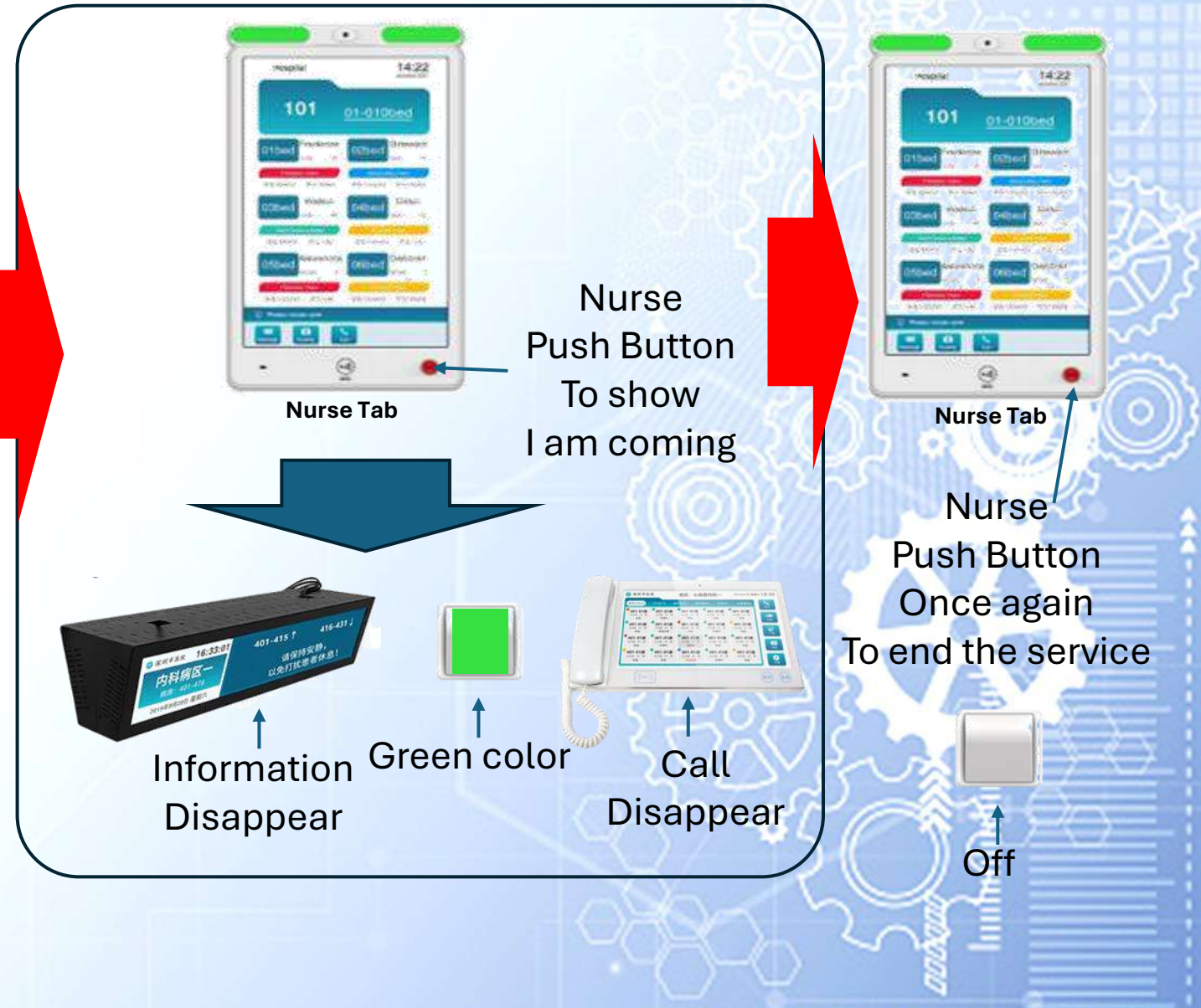
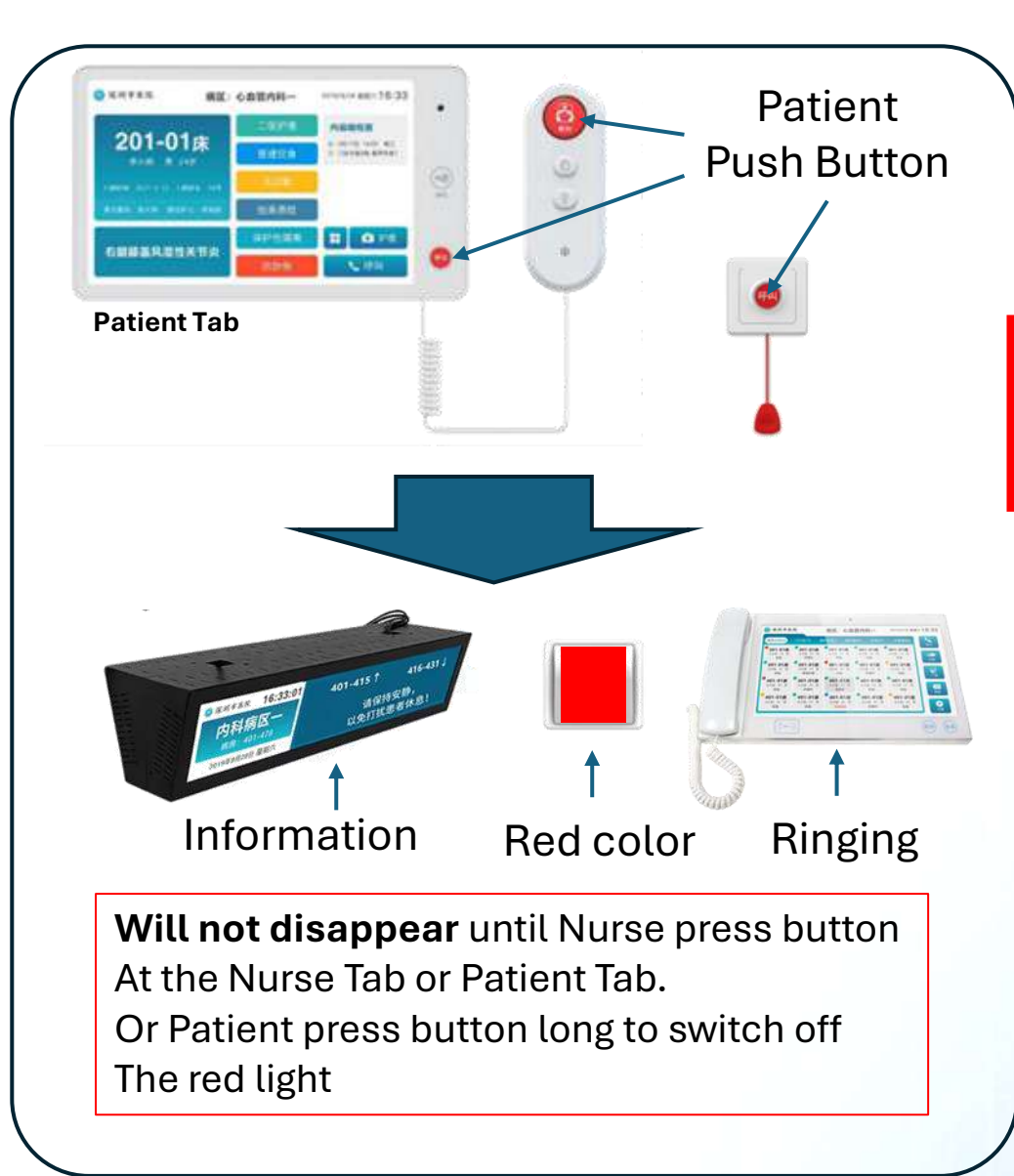
8. IP SOS Button



9. Server

Scenario 1

Response for Scenario 1



Scenario 2



Patient Tab

Code Blue
When hit
Open Password:
911911
(default)



Information



Red color



Ringing

Will not disappear
At Corridor Display should be appear on top
Should ring with different sound alarm

Response for Scenario 1



Nurse Tab

Nurse
Push Button
To show
I am coming



Information
Disappear



Green color



Call
Disappear



Nurse Tab

Nurse
Push Button
Once again
To end the service



Off

Need further information? Contact us...



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