



Smart G4 Medical Solutions

NCS and Outpatient

Hospital, Clinic, PWD and Elderly, Health SPA and more. We have very specialized solutions to cater to different sectors in the Medical field – helping in flow management, service, life saving, comfort and Patient Assistance.





Keyword Strength Analysis

Medical NCS, Outpatient Clinic, Hospital BMS & Energy Control

This analysis evaluates the strength and coverage of key medical automation keywords across the Smart G4 document, based on frequency, depth of content, and relevance to search and marketing visibility.



NCS — Nurse Call System

Strength: ★★★★★ **Very Strong**

- Coverage: Appears across 5+ dedicated sections
- Full product breakdown — Wall Panel, Room Display, Nurse Station Board, Wireless Watch, Call Tag, Signal Repeater
- Color-coded status system clearly defined: White/Red/Green/Emergency
- Variants: Inpatient NCS, Tiny Clinic Wireless NCS, Dental Clinic NCS, VIP Bedside Requester
- Integration: Hospital Server, Nurse Smartphones, BMS, Smart-Clinic App



Outpatient Clinic Solutions

Strength: ★★★★★ **Very Strong**

- Coverage: Dedicated sections plus Patient Journey references
- Door Signage Panels D & E, 5-color status system, Doctor command panel, smartphone app integration
- Patient-side: App functions, task list, queue number, estimated wait time, navigation maps
- Dental-specific outpatient: Hygienist panels, multi-clinic display board



Hospital BMS

Strength: ★★★★★ **Strong**

- Covers Lighting & Dimming, RGB Color LED, Actuators, Climate control, HVAC, Pumps, Boilers, Jets, Sauna, Floor heaters, Water Quality, Filters, Elevator control
- Linked to NCS, GRMS, Security, Building Entry, Motorized Curtains/Blinds/Shades
- **Gap:** BMS needs a dedicated standalone section to reach 5-star strength



Energy Control & Energy Saving

Strength: ★★★ **Moderate**

- Energy Metering, Dimming control, LED drivers, Climate control, HVAC actuators referenced
- **Gap:** No dedicated energy control section — energy saving cited as benefit but not demonstrated with data or diagrams
- **Recommendation:** Add dashboards, occupancy-based controls, ROI/savings data, and smart scheduling



Priority Action: Add dedicated sections for Hospital BMS and Energy Control to achieve full 5-star keyword coverage across all four areas.



🔔 Hospital Self Service Requester — VIP Bedside



My VIP requester is on top of my hospital wishes if I am to be admitted as inpatient. I wish to have swift exact service without waiting twice.

🛏 Service Related

- I want to change my clothes
- I want to have new clean bed sheets
- I want toilet supplies and service

🍴 Food & Beverage

- I am hungry
- I am Thirsty
- I have a guest, I need service

👨‍⚕ Medical Staff

- I need nurse help
- I need a doctor
- Alert Code blue (Special)

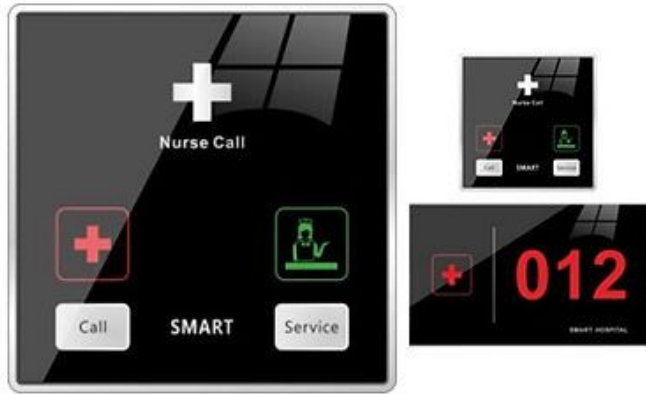
😊 Comfort

- I feel Cold / Hot / Pain
- I can not Sleep



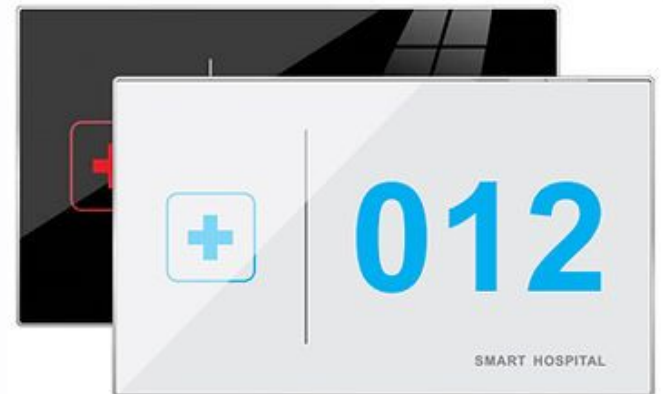
Clinic and Hospital Systems

Hospital Inpatient Room — Nurse Call Display



This Nurse Call Display is Designed to Visually Alert Nurse Call Need and Service or emergency status with ability to View from Distance. The Panel also Contribute and Can Add room Number to Its Display.

Hospital Inpatient Call Panel



This panel is used to page the Nurse. Also Nurse can use it to Report Service, Report Emergency, and to Confirm Service Completed. The Panel Accepts 2 NO/NC Inputs (e.g. Bed Call Button and Toilet Call Button).

Hospital Nurse Station Panel



Emergency Pull Cord & Accessories





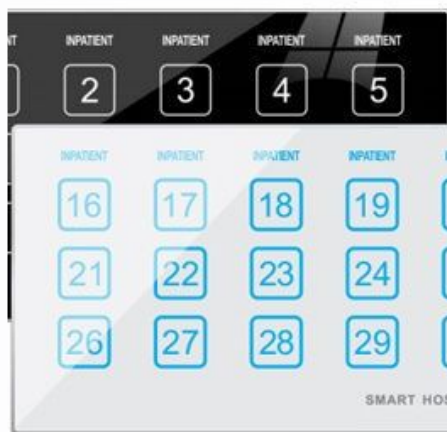
Hospital Outpatient Clinic & Mobile Nurse

Outpatient Clinic — Dental & Dr. Input



Outpatient Clinic Command Panel is Doctors' Preferred Simple panel that can add to the smartphone app allowing flexibility in control over the display status of the clinic.

Mobile Nurse



Hospital Nurse Station Panel — SB-NurseS-FL



The Nurse station is cascadable and Has Built in Back let LED that displays Colored Request and service status. This Elegant Table Top Station is Capacitive Touch, and can be controlled by Nurse Wishfully.

- White = Idle
- Red = Nurse Needed Flashing
- Green = Nurse Serving
- Emergency (To activate, keep Pressing on Call for 3 sec)

Hospital Outpatient Clinic Room Status



Outpatient Door Signage Display uses Color, text and illustration to indicate accurate clinic status:

- Green = Serving
- Red = Occupied
- None = Idle / Not Serving
- Yellow = Busy
- Blue = Preparing/Cleaning



Patient Journey in Smart Hospital

What Main Areas we need to Consider as Start?

As start the Main 2 Areas are the Outpatient, and The In-Patient.

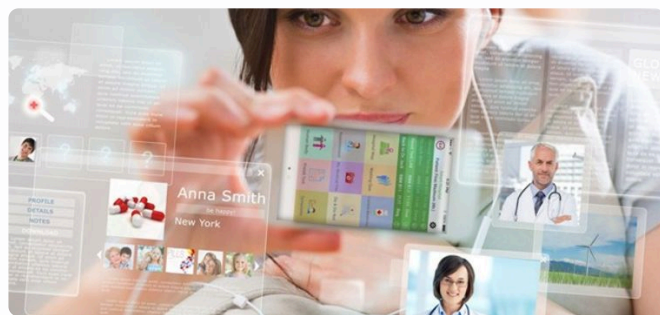
What do I need to Make my Hospital Smart? You

need to Simplify the Process for Patient and Increase time efficiency. Also to cover the Patient Out-Side like: Appointments, Queuing, Where to Go Next, What Diet to follow, What Medication, and My Health File.

What are we Covering In this Document?

1. Outpatient Devices
2. In-Patient Devices
3. Smart-Clinic App at Glance

What is Smart Hospital?



Smart-Hospital is the Simple and Efficient Hospital. It helps Patient to get full status Information and to execute all tests and treatments in organized manner without wastage. It covers the Patient Side and the Building Energy and Comfort Side to assist in cutting wastage.



Patient ID Card & App Setup

(A) Patient ID Card

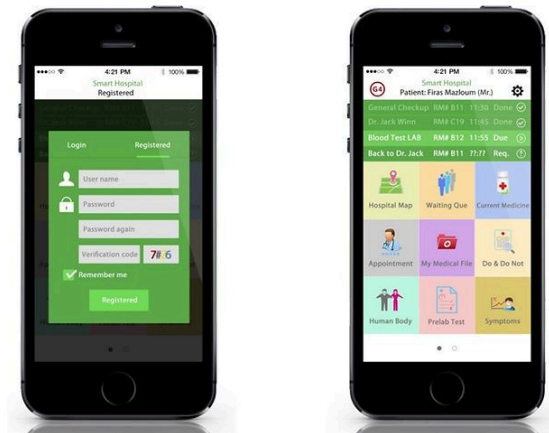


First Time Patient will be issued a Smart Card at Reception Desk. The Card has Patient main Information and Medical File Number. This is Known as: (Patient ID Card). The front of Patient ID card is Designed as Per Hospital Need.



The Back of Patient ID card Can Have QR Links to Download Smartphone Apps. For Patients that Do not have Smart-Phones, they Can Use Local Hospital electronic Terminals and Kiosks.

(B) Install App and Authenticate



Once App is installed, it will Guide you by step by step to Scan the Bar code of Patient ID using Camera of Smartphone. Then Once this is done, The Program and the ID are Authenticated by (code matching) where only this Phone can access the Medical File.

Why Smart-Hospital App?

1. Today's Hospital Tasks (Done/to do)?
2. Where am I and Where is Next Room?
3. What is My Que and Estimated waiting Time?
4. What is the Results of My Lab tests?
5. What Medication? And How to take it?
6. What I can eat Or should Not?
7. Appointment Reminders and Reservations confirmation.



Navigation, Queue & Patient Functions

(C) How to Find my Way using e-Terminals and Kiosks



Smart-Hospital has several Kiosks, e-terminals with Readers, QR Location mark points, and Different Screens for Que information, Clinic Status, and other Functions. Simply Pass your card on reader and the terminal will Directly Inform you on what is Next and where to go.

Example: You are Here: Follow Blue Line On Map To Reach to Room C22 = Pharmacy. As long as you are Connected to Smart-Hospital Free WiFi, your App Will always Sync and Update you On Next Tasks and Expected Time.

(D) Patient Functions in Smart Hospital



1) Task List — Done & To Do Next



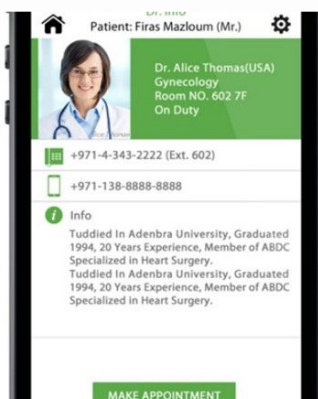
2) Queue Number & Estimated Waiting Time



Server calculates Time Based on Real Data of Today's Pattern and Historical Pattern per Doctor.

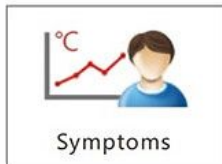
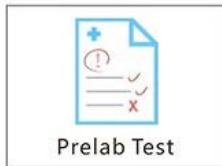


3) Doctor Information and Expertise



4) Online Patient's Medical File





Health Info, Medication & Diet

5) General Information & Medical Health Advice

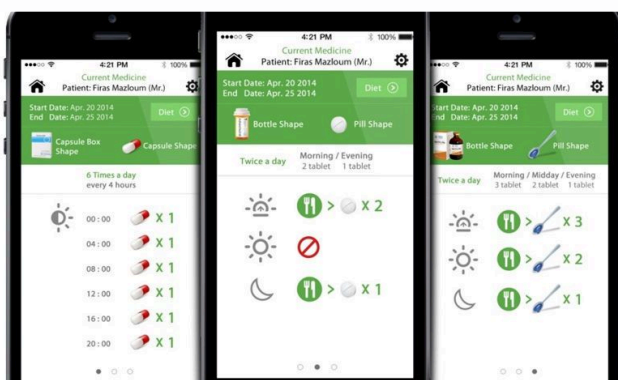
7) Dietary During Current Treatment



Lab Tests Types and Preparation Advises — including Human Body interactive reference, Prelab Test guidance, and Symptoms tracking.

8) Physical Allowed and Forbidden Activities

6) Current Medication



🔔 G4 Inpatient Nurse Calling System (NCS)

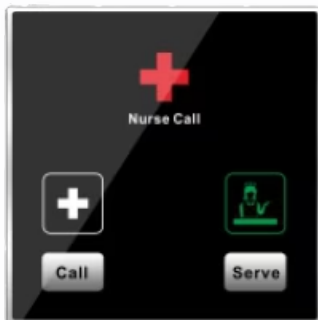


One of the Most important service features in any inpatient ward is Speed. Accordingly, it was mandatory to make such service request reach the Medical Staff at Nurse station with convenience, Elegance and efficiency. The Nurse Call System by Smart-Group serves all these and delivers a cutting edge service level Directly to Nurse Handheld Smart-Phones as well as to Hospital Server and Nurse station supervisor.



A. Nurse Call Wall Panel

B. Room NC Display



This panel is used to page the Nurse. Also Nurse can use it to Report Service, Report Emergency, and to Confirm Service Completed. The Panel Accepts 2 NO/NC Inputs (e.g. Bed Call Button and Toilet Call Button).

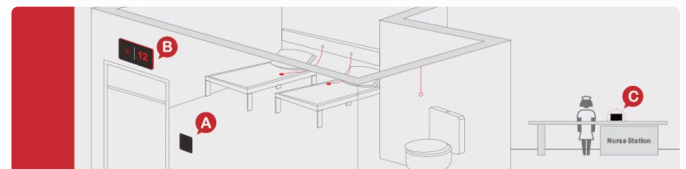
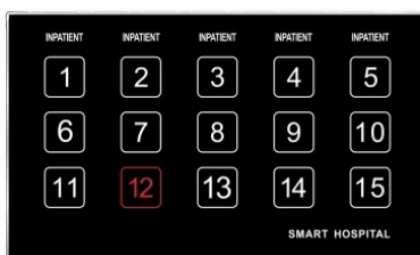
This Nurse Call Display is Designed to Visually Alert Nurse Call Need and Service or emergency status with ability to View from Distance. The Panel also Contribute and Can Add room Number to Its Display.

- White = Idle
- Red = Nurse Needed Flashing
- Green = Nurse Serving
- Emergency (keep Pressing on Call for 3 sec)

- Green = Nurse Serving
- Emergency
- White = Idle
- Red = Nurse Needed Flashing

C. Nurse Station Display Board

System Layout Diagram



The Nurse station is cascable and Has Built in Back-let LED that displays Colored Request and service status. This Elegant Table Top Station is Capacitive Touch, and can be controlled by Nurse Wishfully.



G4 Outpatient Clinic Solutions

Outpatient in any Hospital is the first interaction between patient and Medical Staff. Smart-Hospital Solutions Designed by Smart-Group Targeted to cover the missing parts feature that other systems did not fully cover in simplified and very efficient paperless way. The Inpatient Clinic status and Que System is an added feature that synchronizes with Hospital server and Smart-Clinic App to deliver accurate information management to the Visiting out-patient.



D. Door Side Signage Control Elegant Panel



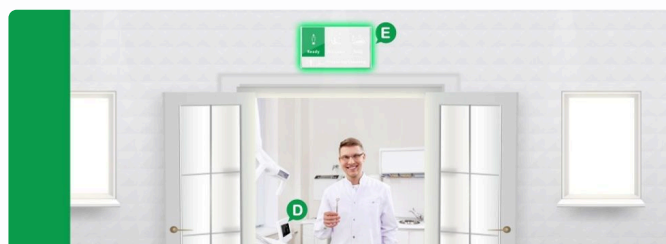
Outpatient Clinic Command Panel is Dr's Preferred Simple panel that can add to the smartphone app allowing flexibility in control over the display status of the clinic.

- Green = Serving
- Red = Occupied
- None = Idle / Not Serving
- Yellow = Busy
- Blue = Preparing/Cleaning

E. Door Signage in Operation



Outpatient Door Signage Display is easy to understand using Color, text and illustration to help indicate accurate clinic status in elegant and modern way.



★ G4 Service Evaluator



Evaluator 3B By Omega



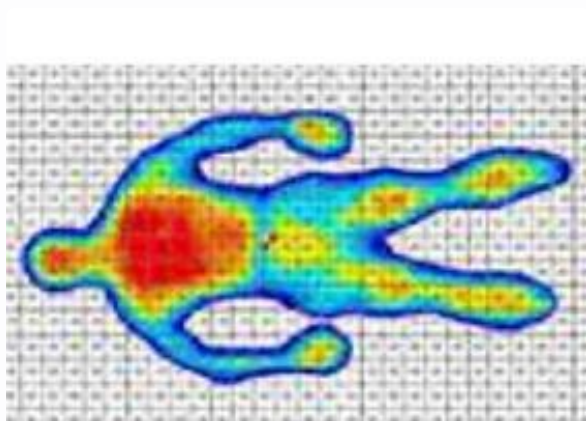
3 Push Buttons. LED Back let Panel, Easy mountable, USB powered Panel for Service Evaluation and Satisfaction level easy customer instant input. Works as Free Input mode with easy configurator. And Works in Closed Mode as Per Admin Needs.

Evaluator 3TS By Omega



3 Touch Buttons. LED Backlet Panel, Easy mountable, USB powered Panel for Service Evaluation and Satisfaction level easy customer instant input. Works as Free Input mode with easy configurator. And Works in Closed Mode as Per Admin Needs.

Octopus Blanket



Simple contact sensor as thin Blanket that activates on weight or if bent. This sensor is good for hotels real occupancy, for living room relax on sofas. Hospital Use to monitor Patient especially for elderly with alert in case fall off bed.



G4 Dental Clinic Flow Systems

Status Signage Outside Clinic Door



- Clinic Number
- Ready: Next Patient can Enter
- Busy: Dr. with patient
- Preparing: cleaning for next Patient
- Off duty: That clinic not serving

Status Change Panel for Hygienist



5 Status: Ready, Busy, Cleaning, Waiting Dr. (Blinking), and off Duty

D. Door Side Signage Control Elegant Panel



Outpatient Clinic Command Panel is Dr's Preferred Simple panel that can add to the smartphone app allowing flexibility in control over the display status of the clinic.

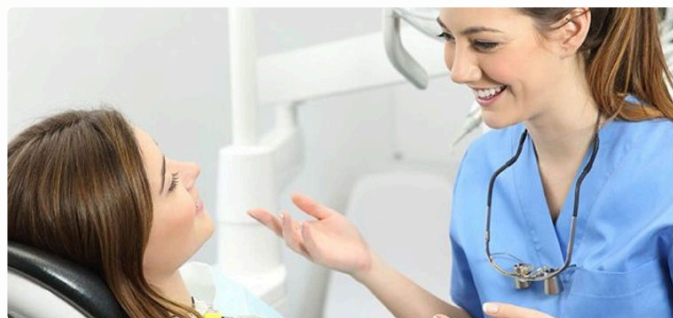
- ● Green = Serving | ● Red = Occupied | ● None = Idle
- ● Yellow = Busy | ● Blue = Preparing/Cleaning

Status Signage Inside Each Clinic, Admin, Receptionist



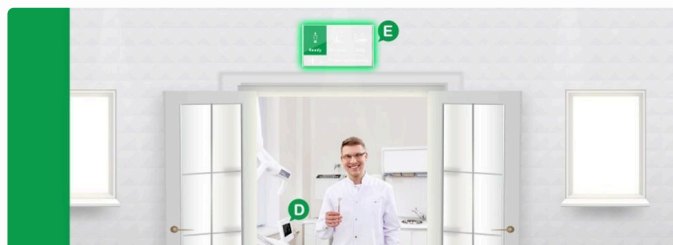
This display panel has multi-color to display status for up to 4 Hygienists, 1 X-ray, and 15 clinics.

Status Change Panel for Clinic Nurse

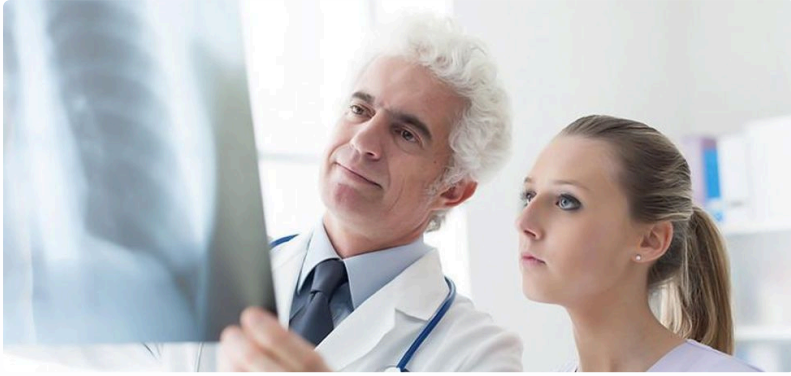


4 Status: Ready, Busy, Cleaning, and off Duty

E. Door Signage in Operation



G4 Tiny Clinic Systems



Clinic Wireless Nurse Call System — Components



Nurse Watch



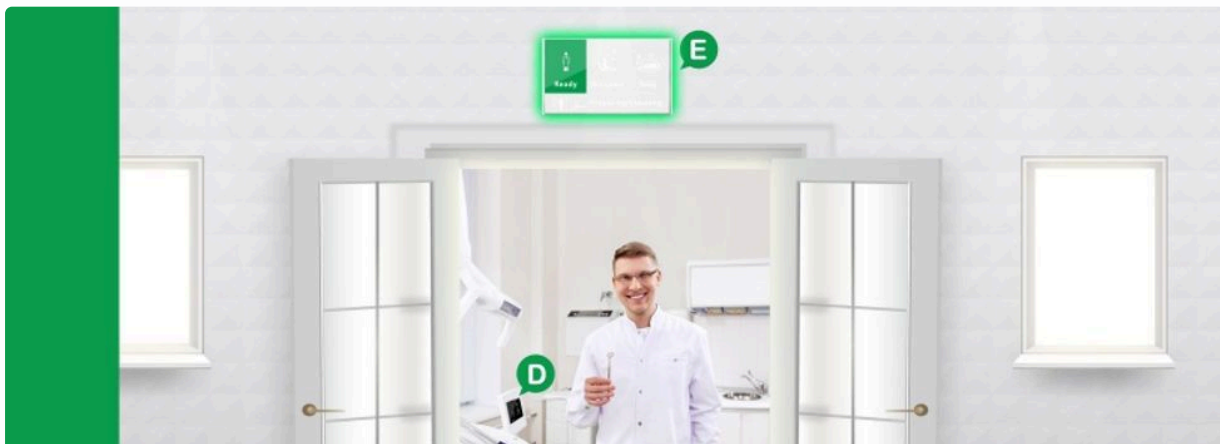
Call Tag



Display



Signal Repeater





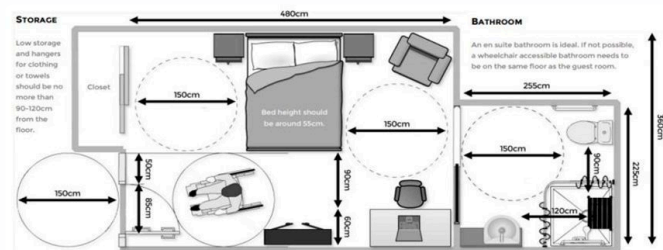
G4 People With Disability (PWD)

Targets & Solutions: Smarter · Automated · Safer (Fire, Gas, Water Leak, Panic) · Happier (Connected family, self confidence) · Connected (SMS, PUSH alerts, Shopping+) · Convenient · Healthier · Wider Spaces · Lower Healthcare Bills

Wider Spaces and Smarter Design



Wider Spaces and Doorways in dwellings, work place, shopping areas and transportation means etc. in such a way that would always add to the convenience and easiness of movement for People with disability (PWD). Additionally, Using Floor embedded Guides, Clear signage, Ramps, Proper Handrails, Big Push Buttons as well as Braille embossed descriptions with the accurate heights.



Smarter Design with Automation

Lower Cabinets | Convenient Shelving | Wheel Enabled Tables | Convenient Counters | Fresh Air Ventilation | Automated Cabinets | Motorized Counters



Homes should come first when designing any system for PWD. At Smart G4 labs, we should not miss the most important usage behind our smart technology. We should understand that homes comes first because most of the time that PWDs spend would be at home usually. Member of the family to live better with more independent lives.





Smart G5 for PWD — Building & In-Building

Smart G5 for PWD (Building)



Smart G5 Enabled Building Recognizes PWD: Each Person with disability can be recognized and greeted by name to give warmth. Recognition is accomplished using Bluetooth and RFID tags or the latest LEB enabled wearables of tags, bracelet, key fobs, and other. Once the person arrives to the Building priority is automatically given to call elevator and await until PWD is inside the elevator. Floors can be selected by 3 methods with priority and time delay:

1. By pressing a Big Button for floor on his Chair or in elevator
2. By Voice command or by Knocking according to floor number needed (4 knocks = 4th floor)
3. If none of the above, the logic module shall automatically take the person to the floor based on his recognized tag or recognized face using the latest Bio-S technology.

The elevator lobby waiting Platform and Elevator floor makes small movement to announce arrival discretely to the PWD additional to the Audio Visual announcement.

Smart G5 (In Building) — Wearable Tags & Sensors



Surface Touch



Detector SBUS



Pressure Matt





Smart G5 for PWD — In Control & Automation

Smart G5 for PWD (In Control)



Smart G5 Enabled Apartment Recognizes and responds to PWD: While in the apartment, PWD or elderly shall be recognized per room, time, and activity schedule. The house shall act as a tech-butler to serve PWD needs. The Apartment with intelligence sensors, voice recognition and easy to control systems.

- Motorized Bathroom Doors, Cabinet openers, Shades, and Motorized Main Door
- Bathroom Logical Lock based on Pressure sensor and/or Push to lock
- Special Motorized Shower Plate/Seat, and Water temperature and flow Valve control Based on the PWD desired presets
- Adjustable Height counters, and stove tops that can be raised and lowered
- Controlled Lighting, Moods, Central heating and Air conditioning Systems that can be controlled by Presence and LEB technology also by Voice and tablets

Smart G5 (Automation)

Door Opener

Climate Control

Toilet Door System

Lights Control

Motorized Shades

Shower System

Smart G5 PWD — Watching Eye, Services & Out Services

Smart G5 PWD (Watching Eye)



Smart G4 will be acting as the Watching Nurse over the PWD or elderly. Smart G4 systems will make sure that all daily main routine activities and standard necessities are met and reminded. The House Rooms and areas are equipped with sensors for motion, octopus sensors for bed, pressure sensors for toilet seats, occupancy sensors and LEB trigonometry to locate the person and track their activities electronically and discretely.

The system will remind locally, shall alert, and will communicate and link externally:

- Reminders to take medicine and alert if not taken timely
- If not go to toilet, If not Take breakfast, if not take shower, if pee in bed, if not sleep timely ...etc.
- Alerts in case of water leak, Gas Leak, Fire, Panic, mistreatment, abuse or other
- Reminders to Relatives by SMS and/or Push notification to call and to visit the PWD or elderly



Smart G5 for PWD (In Services)



Smart G5 Helps Elderly and PWD at serviced homes. The Elderly, or person with disability may conveniently and swiftly report and request using voice, touch panels, and or large buttons. Some command examples:

- I Need to Change my bed sheets, change my clothes
- I need my wheel chair, need to walk, need to shower, I need massage
- I feel hungry, I feel thirsty, I have a guest, I like to visit neighbor, Watch TV
- I need Assistance to walk / to go to toilet
- I am Tortured, I am Abused
- I feel Pain, I feel Cold, I feel Hot

Smart G5 for PWD (Out Services)

Shopping, ordering food and grocery can add convenience for the elderly and PWD. Today there are many connected electronics and appliances that has added intelligence which might be used for elderly and PWD. With today's technology, it is possible to prepare the order, cancel items from cart and place order using touch tablets, voice commands, or even simple Button purchase for the person that is both: (Deaf and Blind).



👴 G4 Elderly Solutions

The Elderly are divided into 3 categories:



Living Alone

Self supported Elderly living alone at their own smart residence



Elderly Homes

Old people that are living at Elderly homes



With Family

Elderly living at home with working children

Smart Group provides solutions to help all categories in full care and within budget.

Elderly Remote Caring System



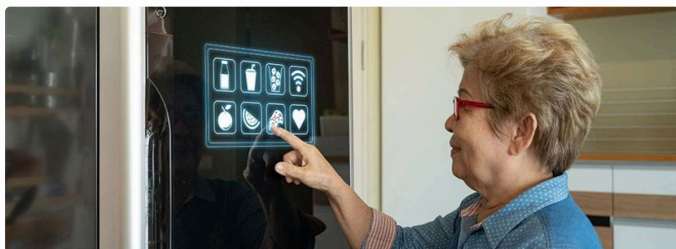
Smart Group researches in family care systems to keep a loving eye and caring heart with close relation despite the busy daily life. The system automatically reports and alerts and reminds the son/daughter to help keep in full awareness on old parents and grand parents while at work or away.



Easy Smart Controls



- Make living easy and healthy for my grandparents with smart controls
- Control Comfort, Ambiance, Health and safety
- Help communicate with supermarket and hospital/doctor



Keep in Touch with Grandparents



- When did My Grandparent wake up?
- Has my grandparent Go to Toilet?
- Did my grandparent take breakfast?
- Has my Grandparent take the medicine timely?

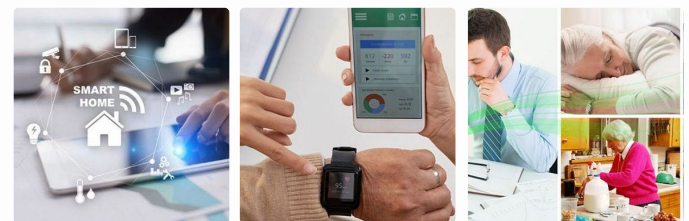
Get Alerted and be in Touch



- Easy Push to call one button for Grandparents
- Monitor grandparents home safety and maintenance

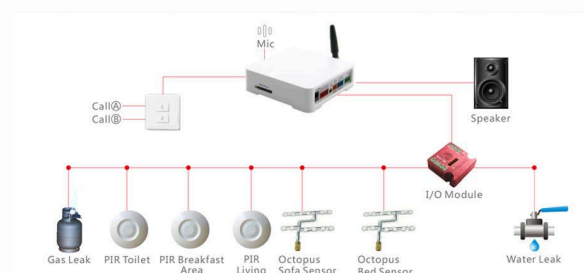
Elderly Health Monitoring Systems

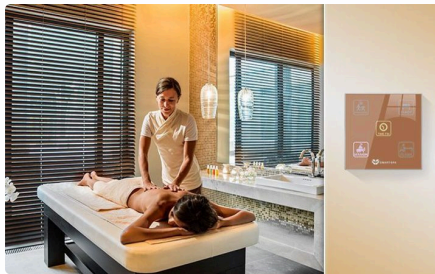
Many wearable and cloud connected devices to monitor and log blood, sugar, heartbeat, activities, temperature and more.



Check Daily at Selected Scheduled Times

- Has Grandy woke up (Otherwise send me alert)
- Did Grandy go to toilet (Otherwise send me alert)
- Did Grandy go to kitchen at certain time (Otherwise send me alert)
- Remind me to call Grandy For Medicine (at scheduled Times Repeats)
- Hotline (one press to Dial) at any Time Grandy Needs help or likes to talk to me...
- Send Reminder if Gas is Low
- Send Alert if Water Leak...etc.



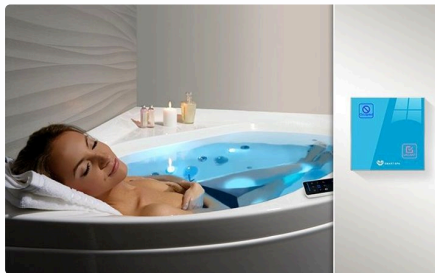


Smart Health SPA

Smart G4 have an amazing and innovative solutions designed especially for Beauty and health SPA. Smart G4 Provides Techno Lifestyle Appeal with amazing functionality. The SPA flow status help improve service in ease. Door indicators showing activities for every Therapy room is another addition:

-  Changing Clothes
Privacy
-  Ready
Waiting therapist
-  In Session
Busy
-  Cleaning
Preparing after Session
-  Timer
Start Pause and blink when Session Time Finish

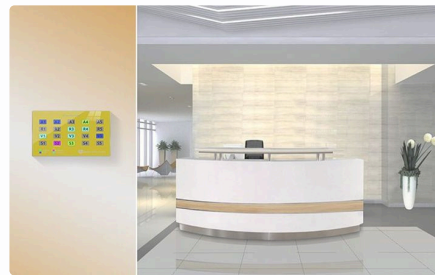
SPA Private Rooms



SPA Private areas for solo activities like tanning, water therapy, sauna drum, and other has special privacy indicators where only Doctor or authorized techie may be allowed as per client discretion.



SPA Service Station



In Smart SPA all session activities and room status for different Room Types is always Indicated via mimic simplified panel at the Reception Service desk.

SPA Building Controls

Smart G4 SPA solutions also covers Ambiance combination of Temperature, Light, Color, Smell, Sensual music and Oxygen induction help spa freshness, health and relaxation making the guest experience a memorable in all senses. Some of our unique solutions include:

- Building Façade Dynamic Lighting and Signage control
- Lighting, HVAC, Shades, and BGM controls
- BMS: (Pumps, Boilers, Jets, Sauna, Floor heaters, Water Quality, Filters controls and elevator control ++)
- Media and TV controls, VIP rooms, and Cinema rooms
- VIP service requester, and service Evaluator



SPA Hotel



Smart G4 SPA Hotel solutions Include all the above and adds the luxury Smart Hotel series abilities.



🧑‍🤝‍🧑 Alliance Against Covid-19 — Current Situation

So far, the coronavirus has caused more than 2,700,000 people in the world affected and more than 126,000 people lost their life (according to the data on 15th, May). Lockdown and daily liquid disinfection become the most effective way for non infected people to keep out of virus spread. However, most of the current sanitizers are not useful and will keep the virus spread. People who are infected but do not have symptoms likely also play a role in the spread of COVID-19 when they touch the sanitizers and pass to other people who are not infected.

Thus, a touchless sanitizer is needed whatever it is used at company, community or at home.

Why it is important to keep daily disinfection by sanitizer?



People should learn from every disaster happened to human being. After Covid-19, we should keep the daily disinfection because some other virus exist commonly in our life. The influenza virus is infamous since 1918. Although we create vaccine for it, it still bring seasonal flu every year. Influenza virus kills tens of thousands of people every year in USA. Besides, Escherichia coli is commonly found in our life. Due to it, people may have trouble with diarrhea, which bring inconvenience to life and work.

Current Sanitizers from the Market



Has to be touched and the virus can spread between the people who touch it.



The amount sprayed is little and it does not have two auto induction modes.



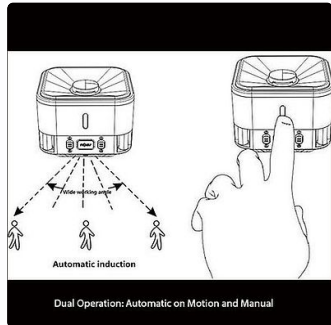
Alcohol mists cannot kill the virus because alcohol loses efficacy after being heated.



👤 Introducing Nanu Sanitizer — Smart | Effective | User-Friendly

Features of Nanu Sanitizer

- Touchless: to avoid chances of infection
- Two nozzles: useful for more scenarios and convenience
- Dual auto induction modes: useful for more scenarios and operation needs
- 2 spray amount modes: useful for more scenarios and conservation
- Wireless and easily installation: wall mounted or bracket stand



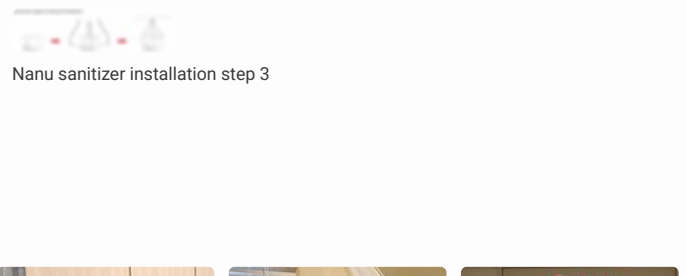
How to Install the Sanitizer



Nanu sanitizer installation step 1

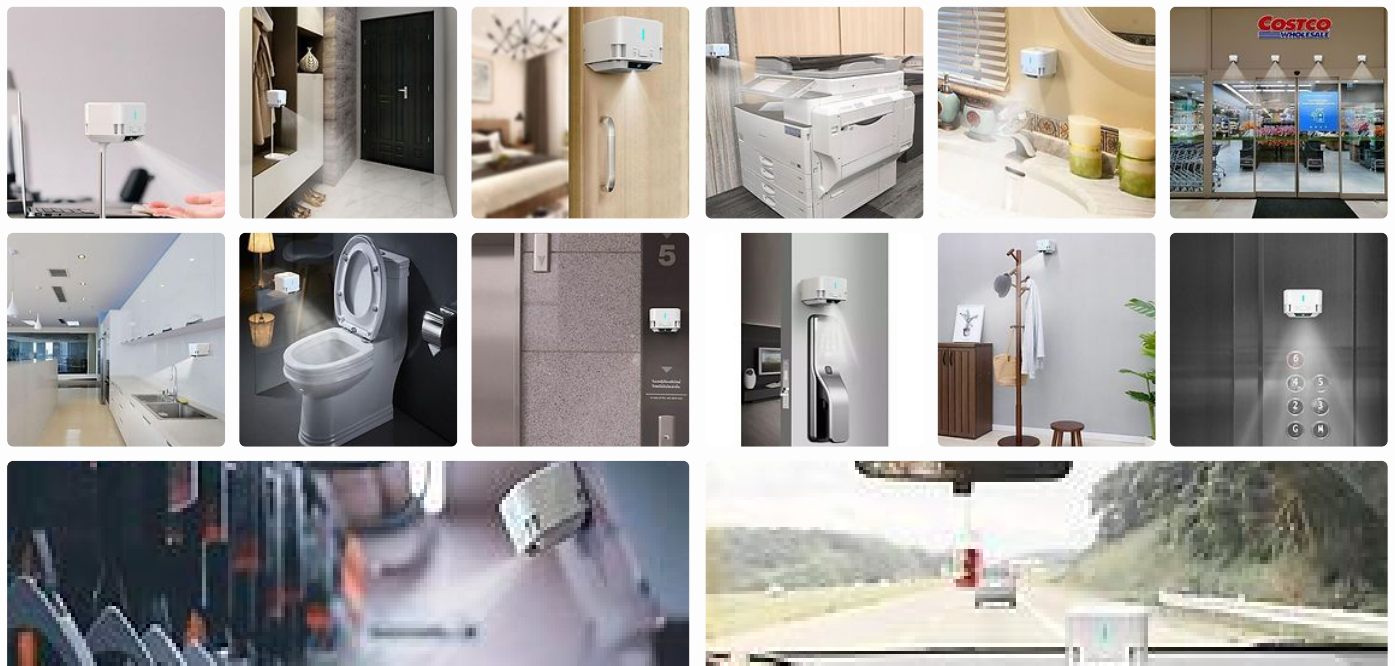


Nanu sanitizer installation step 2



Nanu sanitizer installation step 3

Applications



Introducing M-Cube Disinfection — A New Way to Disinfect



M-Cube disinfection: Disinfect any room or area with the switch of a button. Produces fresh disinfectant on every use. Kills COVID-19 on contact.

Easy to operate and no maintenance needed.

MORE COVERAGE. NO CHEMICALS. BETTER RESULTS.



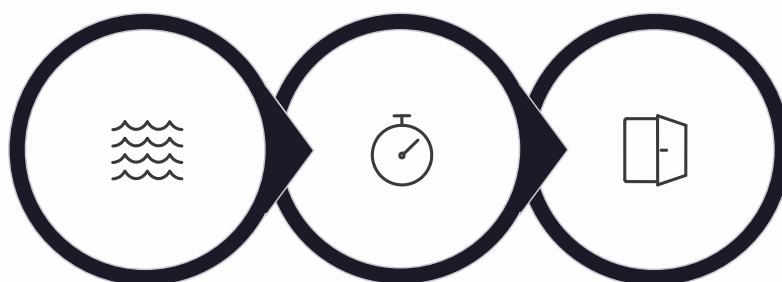
No special disinfectant materials, no chemicals.

Keep Your Workspace Safe

During these times, it is very important to take every measure to ensure the protection of those around you at all costs.

How It Works

MCUBE disinfection produces its own disinfectant and sprays it in the air as cloud fog particles, killing microbes in hidden and hard to reach areas. Super safe innovative technology that kills 99.99% of surface bacteria and viruses.



Add water &
salt

Turn on &
timer

Switch off &
ventilate



NCS Nurse Call System — Advanced Solutions for Modern Healthcare

Upgrade your healthcare facility with the latest NCS nurse call system from Smart G4. Our intelligent nurse call solutions are designed to improve patient safety, streamline staff communication, and ensure rapid response times in hospitals, clinics, and care homes.

Real-Time Alerts

Real-time alerts and notifications for nurses and caregivers — delivered directly to handheld smart-phones and nurse station supervisors.

Seamless Integration

Seamless integration with hospital management and building automation systems — one protocol, open platform, multiple manufacturers.

Flexible Installation

Customizable call points and wireless options for flexible installation — from large inpatient wards to tiny clinics.

Analytics & Reporting

Detailed reporting and analytics to optimize workflow and patient care — trusted by leading healthcare providers.

Reliable & Scalable

Reliable, secure, and scalable technology — engineered for efficiency, reliability, and the highest standards in healthcare communication.

Empower your staff and enhance patient satisfaction with Smart G4's NCS nurse call system — engineered for efficiency, reliability, and the highest standards in healthcare communication.

Smart Hospital and Clinic Solutions

NCS, Dental, Elderly, PWD, Health SPA, Orphanage, Inpatient and Outpatient Clinics, Hospital BMS



Summary of Features

Complete modern affordable Hospital Building Automation, covering most modern Nurse Call System NCS, unique Dental clinic flow management control to enhance clinic efficiency. Inpatient clinic status displays, energy saving and Medical Building Management System BMS.



NCS — Nurse Call System

Nurse station, bed call buttons, Toilet Pull cord, room Wall panel, Door Light display status, monitoring software and app.



Outpatient Clinic Panels

Show easily the status of the clinic and Dr. activity inside to help communicate with waiting visitors.



Health SPA Solution

Covers all reservations, preparation and climate control, service requests and more custodial.



Medical Building BMS

Intelligent Building Solution, Lighting and Dimming control RGB Color LED, Actuators and climate control.



Elderly, PWD & More

Smart Solutions for Elderly, PWD People with disability, orphanage and more.

We have all your needs, fully plug and play as one system. With one protocol, single and multiple manufacturers, Open Protocol, from one supplier, with ability to integrate to many other technologies with ready bridges.



Summary — Smart G4 Medical Solutions

This document covers the complete range of Smart G4 medical and healthcare automation solutions across hospitals, clinics, elderly care, disability support, health spas, and pandemic response. Below is a concise summary of all sections:

01

Smart G4 Medical Solutions — Overview

Introduction to specialized medical solutions covering flow management, life saving, comfort, and assistance across hospitals, clinics, PWD, elderly, and health SPA sectors.

03

Clinic and Hospital Systems

Nurse Call Display, Inpatient Call Panel, Nurse Station Panel, and Emergency Pull Cord accessories for inpatient wards.

05

Patient Journey in Smart Hospital

Smart Hospital simplifies the patient experience covering Outpatient and Inpatient areas — appointments, queuing, navigation, diet, medication, and health file access.

01

Navigation, Queue & Patient Functions

Smart Hospital kiosks, e-terminals, QR points, and free WiFi guide patients. Functions: task list, queue number, doctor profiles, and online medical file access.

03

G4 Inpatient Nurse Calling System (NCS)

Three-component NCS: (A) Nurse Call Wall Panel, (B) Room NC Display, (C) Nurse Station Display Board. All use White/Red/Green/Emergency color coding.

05

G4 Service Evaluator

Evaluator 3B (push buttons) and Evaluator 3TS (touch buttons) — USB-powered, LED backlit panels for instant customer satisfaction input. Includes Octopus Blanket fall detection sensor.

01

G4 Tiny Clinic Systems

Wireless Nurse Call System for small clinics: Nurse Watch, Call Tag, Display Panel, and Signal Repeater.

03

Smart G5 for PWD — Building & In-Building

Smart G5 building recognizes PWD via Bluetooth, RFID, LEB wearables. Elevator priority auto-called, floor selected by button, voice, knock, or face recognition.

05

Smart G5 PWD — Watching Eye, Services & Out Services

Smart G4 acts as a digital watching nurse: monitors daily routines, sends SMS/push alerts to relatives, detects water/gas/fire/panic. In-services and Out-services for deaf-blind users.

01

Smart Health SPA

SPA flow management with door indicators for each therapy room. Private room privacy indicators, reception mimic status panel, and full building controls including BMS.

03

Introducing Nanu Sanitizer

Nanu: touchless, dual nozzle, dual auto-induction modes, 2 spray amounts, wireless wall-mount or bracket stand. Applications across 14 scenarios.

05

NCS Nurse Call System — Advanced Solutions

Upgrade your healthcare facility with the latest NCS nurse call system from Smart G4 — real-time alerts, seamless integration, flexible installation, analytics, and scalable technology.

02

Hospital Service Requester — VIP Bedside

VIP Nursing Service Requester 15T allows inpatients to request services across 4 categories: Service, Food & Beverage, Medical Staff, and Comfort.

04

Hospital Outpatient Clinic & Mobile Nurse

Outpatient clinic command panels, color-coded door signage (Green/Red/Yellow/Blue/None), mobile nurse tablet system, and cascable Nurse Station Panel.

06

Patient ID Card & App Setup

First-time patients receive a Smart ID Card at reception. App authenticated via barcode scan. Patients without smartphones use hospital kiosks and e-terminals.

02

Health Info, Medication & Diet

Patient app provides health advice, lab test preparation, human body reference, symptoms tracking, medication schedules, dietary guidelines, and physical activity guidance.

04

G4 Outpatient Clinic Solutions

Paperless outpatient system synchronizing with hospital server and Smart-Clinic App. Door Side Signage Panel (D) and Door Signage Display (E) — 5-color status system.

06

G4 Dental Clinic Flow Systems

Comprehensive dental clinic status management: outside door signage, Hygienist panel (5 statuses), multi-clinic internal display board (up to 4 Hygienists, 1 X-ray, 15 clinics).

02

G4 People With Disability (PWD)

PWD solutions: Smarter, Automated, Safer, Happier, Connected, Convenient, Healthier, Wider Spaces, and Lower Healthcare Bills.

04

Smart G5 for PWD — In Control & Automation

Apartment automation: motorized doors, bathroom lock, shower controls, adjustable counters, voice/presence-controlled lighting and AC.

06

G4 Elderly Solutions

Three elderly categories served. Remote Caring System monitors grandparents' daily routines, sends alerts, enables one-button hotline, smart controls, and wearable health monitoring.

02

Alliance Against Covid-19 — Current Situation

Over 2.7 million affected globally. Existing sanitizers are touch-based, spray too little, or use alcohol that loses efficacy. A touchless sanitizer solution is essential.

04

Introducing M-Cube Disinfection

M-Cube produces its own disinfectant from water and NaCl — no chemicals needed. Kills 99.99% of surface bacteria and viruses including COVID-19.

06

Smart Hospital and Clinic Solutions

Complete modern affordable Hospital Building Automation — NCS, Dental, Elderly, PWD, Health SPA, Orphanage, Inpatient and Outpatient Clinics, Hospital BMS. All in one system.



About Smart Group G4

At Smart Group G4, we manufacture all the systems, solutions and needs for: HVAC, Climate control, Energy Metering, electrical outlets and switches, Dimmer and relay modules, LED drivers, Background Music, high end audio multizone distribution system, BMS controller, NCS and GRMS system, BMS and Security, Building entry system, Web video door phone intercom, motorized curtain, drapes, blinds, projection motors, screen and shades.

We also do Advertisement content management, LED large Displays, and Queuing Systems. Over 360 products in Smart G4 sBUSpro and more than 60 KNX products, Dali Bridges, DMX, HAI, Nuvo, TIS, HDL, Cool Master, RS-232, RS-485 Modbus, 0-10V and much more.

Building Automation

HVAC, Climate control, BMS controller, NCS and GRMS system, BMS and Security, Building entry system

Lighting & Energy

Energy Metering, Dimmer and relay modules, LED drivers, RGB Color LED, DALI Bridges, DMX

Audio & Media

Background Music, high end audio multizone distribution system, Advertisement content management, LED large Displays

Integration

KNX, HAI, Nuvo, TIS, HDL, Cool Master, RS-232, RS-485 Modbus, 0-10V and much more – Open Protocol

Read about Smart G4 technology and massive Smart City Projects done globally using sbus-pro technology by G4.