

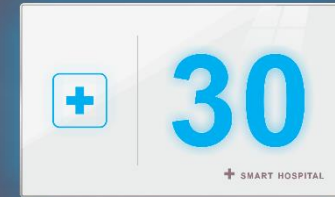
SMART G4 HOSPITAL DIFFERENCE

We Help the Hospital become Smarter



Every Hospital has these Systems or some

- ▣ -Nurse Call In Patient System
- ▣ -Emergency Codes
- ▣ -Queuing System
- ▣ -Outpatient System
- ▣ -Central Control Unit
- ▣ -CCTV Cameras
- ▣ -Public Address
- ▣ - Telecom PABX
- ▣ - On Call Pager System



Standard Emergency Codes Procedure

Vs G4 Smart Codes

4 Steps in the Normal System

- 1- When Emergency Nurse Call to Hotline and give code
- 2- Operator Answers and Take the Type of Code to Announce
- 3- Operator Start Over Head Paging for the emergency code and Area
- 4- Calling Code Blue Team Byty Phone

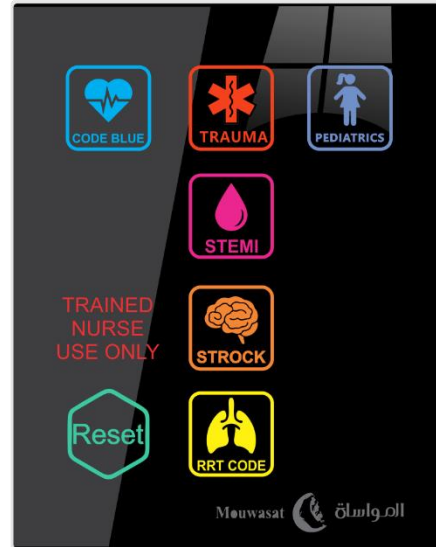
1 Step Only

- 1- When Emergency Nurse Presses the corresponding E.Code Button.
- Smart G4 E.Code System will Automatically: Announce on Paging the Code Type+Area + Call Code blue Team by Voice and Record (logger), Send SMS to Code blue Team.
- Also- When Code Blue Team arrive at C.B area the Response Face Stamp Unit Recognizes and Logs Response Time.



EMERGENCY MEDICAL CODES SYSTEM WIRING SL DIAGRAM

Codes:
BLUE
TRAUMA
PEDRIATRICS
STEMI
STROCK
RRT



SB-6EMC+8T-UN/B

Dr. Arrival Confirmation Face Logger



White+IR leds
Dual sensor

7"IPS



Room Door PANEL



SMS Module



ZAudio-Studio
Recorded Prompts



PA System



CONTROL CENTER
Main Server



Phone System



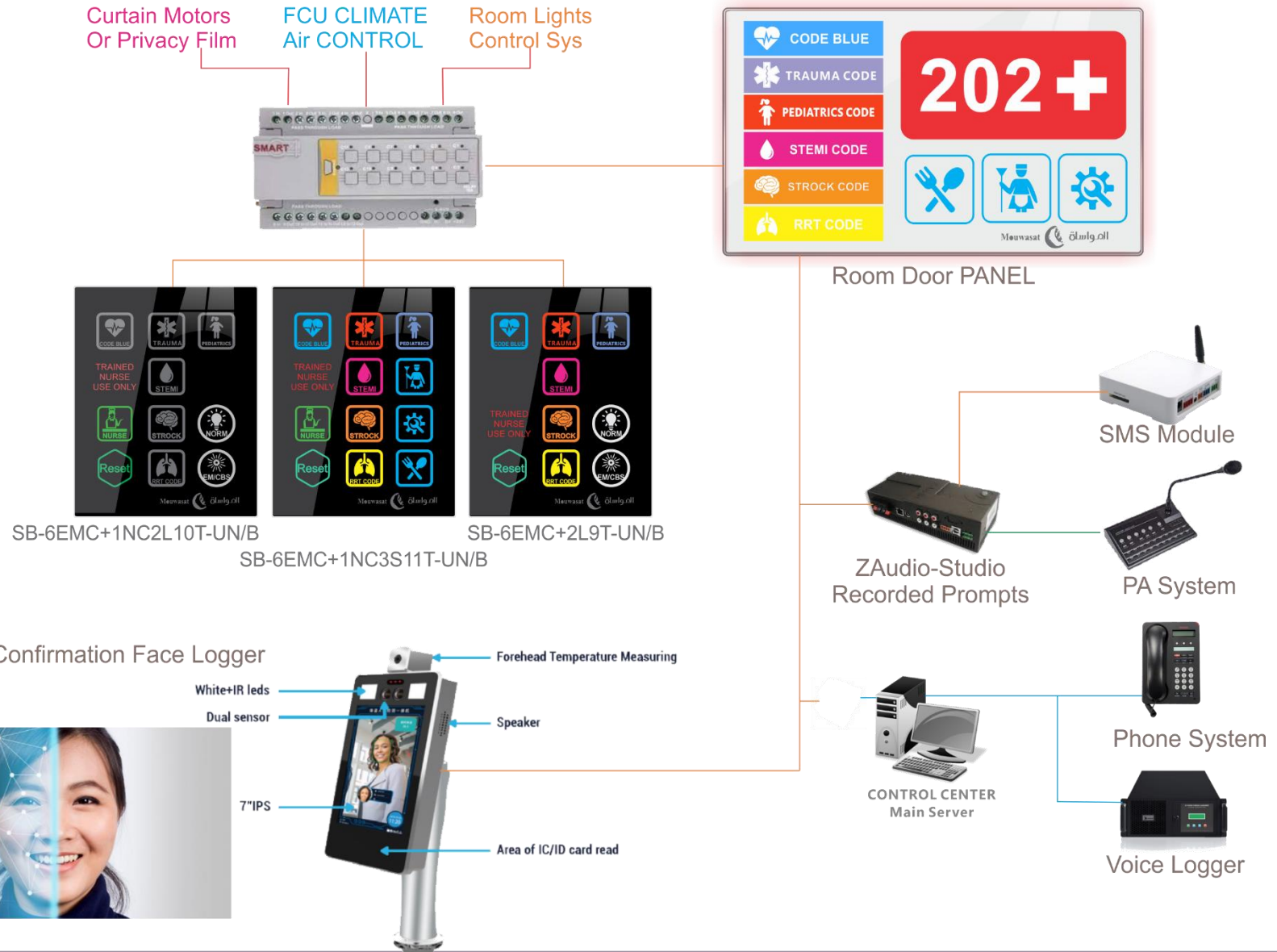
Voice Logger

EMERGENCY CODES Also Applies for Inpatient

- ▣ **1 Step Only**
- ▣ 1- When Emergency Nurse Presses the corresponding E.Code Button.
- ▣ Smart G4 E.Code System will Automatically: Announce on Paging the Code Type+Area + Call Code blue Team by Voice and Record (logger), Send SMS to Code blue Team.
- ▣ **Also- When Code Blue Team arrive at C.B area the Response Face Stamp Unit Recognizes and Logs Response Time.**
- ▣ **We Can Add**
 - Self Service
 - Lighting HVAC,
 - Curtain Motors
 - and Other Controls



EMERGENCY MEDICAL CODES SYSTEM WIRING SL DIAGRAM



Dr. Arrival Confirmation Face Logger



On Call (Non Emergency)

G4 Solution

From our vast experience.

Hospitals face the Issue that On Call SP takes longer time to arrive which sometimes cause Patient Complaints

Smart G4 Helps the hospital to Log both: Call Time and Doctor Arrival Face Stamp Log Time .

This Logged Monitoring will accordingly help by:

- ▣ Forcing Doctors to comply by the time limits of hospital Non Emergency.
- ▣ Increasing Patient Satisfaction,
- ▣ and release Nurses Pressure

SP RESPONSE LOGGER SYSTEM



How It Works?

Once ER Calls the SP Response Time of SP is Calculated based on Arrival Face Signature and Time stamp of Call or SMS trigger.



Dr. Arrival Confirmation Face Logger



In Patient Standard System Vs. Smart G4 Self Service System

- ▣ Using Smart G4 Self Service System Help **Decrease Nurse Qty and Pressure. Nurses will only be used for Medical needs**
- ▣ All Non-Medical Services will be placed direct and Received Direct by the 3 concerned Department terminals:

Kitchen

- ▣ Food
- ▣ Drink

Dietitian Receives Patient Name
File Number and Room Number
This Avoids Sending Wrong
(Food/Drink)

House Keeping

- ▣ Porter
- ▣ Clean Room
- ▣ Change Dress
- ▣ Change Sheets
- ▣ Bill Boy (Checkout Trolley)

Maintenance

- ▣ Air Conditioning
- ▣ Too Cold
- ▣ Television
- ▣ Lights Issues
- ▣ Plumbing

Sometimes, Emergency Happens Causing Delay for Non-Medical. Self Service Keep Patient Satisfaction Level High



G4 NCS Difference SELF SERVICES الخدمات الذاتية

Nurse Call Lights

Service



SB-NC15TSS-WL/B

Hospital management always lack detailed information about why nurse was actually called and when is the mass request traffic, or if all complain about same issues like temperature etc

Since hospitals are considered as comfort zone that depend on service and relief quality, thus it was important to create an advanced smart hospital integral system module to handle nurse call needs in simple and detailed way

It was mandatory to understand the reasons for calling a nurse:

- a- Pain, Cold, Hot, (**Comfort reports**).
- b- Need to nurse my baby, I need Wheel Chair, I need Walking assistant, I need to Go to Toilet (**Mobility**)
- c- i need to change the bed sheet, change my dress, I need to shower.. (**Hygiene**)
- d- Hungry, Thirsty, i am having a guest need service (**Food and Beverage**)
- e- i need to take my medicine, i need to see my doctor, We have an emergency (**Medical Attention**)



SELF SERVICES الخدمات الذاتية

MEDICAL	F&B	SERVICE	AGILITY	COMFORT
Nurse	Thirsty	Sheets	Nurse Baby	Feel Pain
Doctor	Hungry	Dress	Walk help	Feel Hot
Emergency	Guest SRV.	Toilet Help	Wheelchair	Feel Cold

Mouwasat الموساسة

I feel

F&B	SERVICE	AGILITY	COMFORT
Thirsty	Sheets	Nurse Baby	Feel Pain
Hungry	Dress	Walk help	Feel Hot
Service	Toilet Help	Wheelchair	Feel Cold

+ SMART HOSPITAL

SB-NC15TSS-WL/W

Self Service Benefit:

- Saves Money
- Improves Service Time
- Satisfies Patients
- Decrease Stress off Nurses
- Improve Hospital Rating
- Staff Shifts Planning

KITCHEN RATINGS:

- RECEIVE orders accurately
- Responds Timely
- Plans Easily
- Generate Reports
- Improve Staff Shift Planning



KITCHEN

ENGINEERING RATINGS:

- RECEIVE Complaints accurately
- Responds Timely
- Plans Easily
- Generate Reports
- Improve Staff Shift Planning



ENGINEERING



HOUSE KEEPING

HOUSEKEEPING RATINGS:

- RECEIVE Service requests
- Responds Timely
- Plans Easily
- Generate Reports
- Improve Staff Shift Planning



11:30AM		KITCHEN	
BREAKFAST	07:00AM	File 01152 File 01264 File 01330 File 01112	MWNCS1 PW02B02 MW01B01 Cw01
SNACK 1	10:00AM		
LUNCH	12:01PM		
SNACK 2	03:00PM		
DINNER	06:00PM		
SNACK 3	08:00PM		
SELF SERVICE	●	RESPONSE 90 seconds 1HR CALLS 56 requests	

11:30AM		HOUSE KEEPING			
MW01B01 3	MW01B01 MWNCS1 3	MW01B01 1	MW01B01 6	MW01B01 PW02B02 4	IS0301 2
SELF SERVICE	●	RESPONSE 78 seconds 1HR CALLS 19 requests			



Smart G4 Outpatient System

Our Innovative System That helps in 3 Things:

- ▣ **Tell the waiting Patient what is happening inside the clinic or Lab :**
 - Off Duty / Dr. Not arrive Yet
 - Ready welcome to enter
 - Busy with other Patient / Do not Enter
 - Cleaning and Preparing / Kindly wait
- ▣ **Know Your Dr. Dynamic Display / Special Lab Packages**
 - Gives Information for new Patient/Waiting Patient about the Practition Experience
 - Shows available Packages advertisement
- ▣ **Advanced Hospital (Techno Look)**

Outpatient Smart Clinic G4 with Integrated Signage Board

This Panel Can Be Mounted on Door or Onwall Direct Next to Door as Outpatient Clinic Signage

13" - 35"
or custom

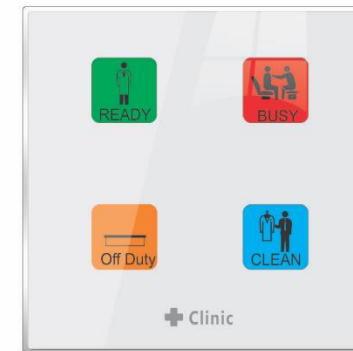
Clinic Activity
Status Display

CLINIC
LABORATORY
X-RAY
Therapy
Pharmacy

Dynamic Display
SP Biography &
Special Packages



Dr. Clinic Panel to Display Clinic Status



Streams Videos, and Streams
Slide show and packages



Lab Occupancy - Outpatient

Custom Controls

- Chemistry LAB
- Radiology LAB
- Haematology LAB
- Microbiology LAB
- Immunology LAB
- Cytology LAB
- and other..



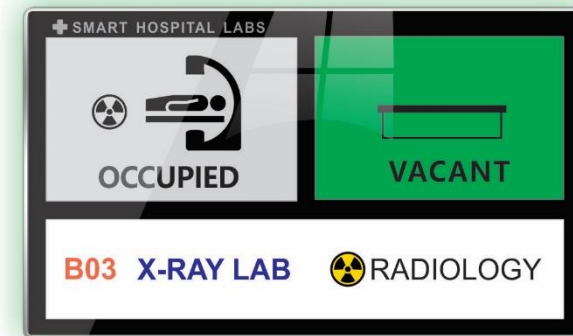
SB-LAB3T-WL/W



SB-LAB3T-WL/B



SB-LABDoor-WL/B



SB-LABDoor-WL/B

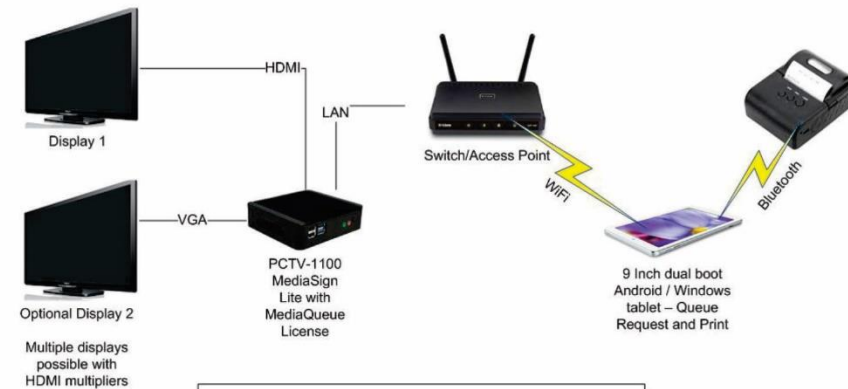
Other Systems We can Provide if needed

- ▣ Queuing Systems
- ▣ Interactive Kiosks
- ▣ Building Facade Lighting and Signage-board Scheduling
- ▣ Board Room Paperless meeting system and Conferencing
- ▣ Portable Translation Devices
- ▣ Infants Secure Tracking System
- ▣ Staff 3D Tracking and logging system
- ▣ Special Custom Manufacturing Solutions
- ▣ Signage Boards, LCD Wall and More

Media Queue - Outpatient EZ Clinic & Lab Queueing System



Complete Package (Tablet, Printer, Q-Serve)
Affordable, expandable, and simple
Fast and easy to Deploy in Minutes
Can connect to 2 types of displays
Can display on multiple screens/areas
browser ready for patient number call

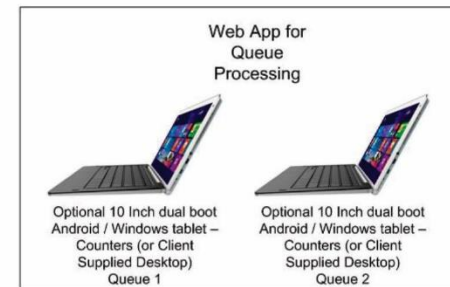


SS-MediaQueue-PKG

Package Includes it all:

- MediaQueue SRV
- MediaQueue Licence
- Dual Boot Tablet
- Token Printer (Option)
- Queuing System App and SW

Just link to your Display and Browsers



Outpatient Smart Clinic G4 Interactive Info. Screens and Tables



Hospital Information
 Departments
 Doctors Biography
 Special Visitors
 Health Packages
 Department Packages
 Membership
 Videos
 and more

Touch to Brows your needs



Wall Type
 Standing Type
 Table Type
 Kiosk Type



What we can do more?

- 1- Building Facade Lighting and Signage-board Scheduling
- 2- Board Room Paperless meeting system and Conferencing
- 3- Portable Translation Devices
- 4- Infants Secure Tracking System
- 5- Staff 3D Tracking and logging system
- 6- Special Custom Manufacturing Solutions
- 7- Signage Boards, LCD Wall and More



Thank You

SMART BOX

