



Section (C)

**Smart Museum Series G4**  
Speciality User Interface 2021

# Smart G4 Special Projects

## User Interface Catalogue II

- Smart Hotel Series
- Smart Hospital NCS
- Medical Outpatient Clinic
- Smart Dental Flow Management
- PWD and Elderly
- Smart Orphanage
- Smart SPA
- Smart Museum
- Smart School
- GBMS Mimic
- Other Special User Interface

## Products

BY SMART INDUSTRY NORTH AMERICA  
[www.SmartG4.com](http://www.SmartG4.com)

Since 1986



# Smart G4 Museum UI





# G4 Museum UI

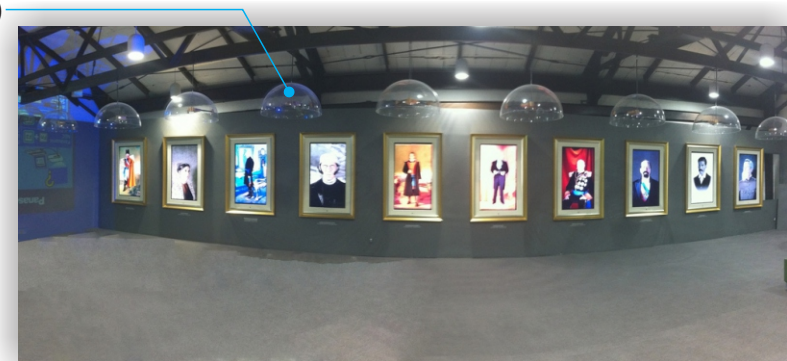


SB-DDP-EU/ Museum



Smart G4 provides unique ability to serve museum needs both for outdoors and indoors. Smart G4 research team has invented many solutions that fits different Museums, visitor ages, and different languages. Here is some of the solution Ideas:

- Dynamic lighting (Moving light effects to show different attracts in the display item)
- Contained Audio domes (Sound stays contained – do not bother other visitors)
- Audio and Videos plays based on occupancy and the preferred language that can be selected or sensed using BT or NFC
- Multi-lingual Touch menu displays and panels
- General Lighting control of the building façade and indoor areas
- Climate control with special humidity, air temperature and quality control
- Energy Saving in general
- Special Areas secured Authorized access control
- Total Lockout system in case of Alarm for high security museums with multiple lines of defense automated scenario
- More big list of Ideas available for different Museum types







## Dynamic Elegance



SB-DDP-EU/ Museum



SB-DDP-EU/ Museum

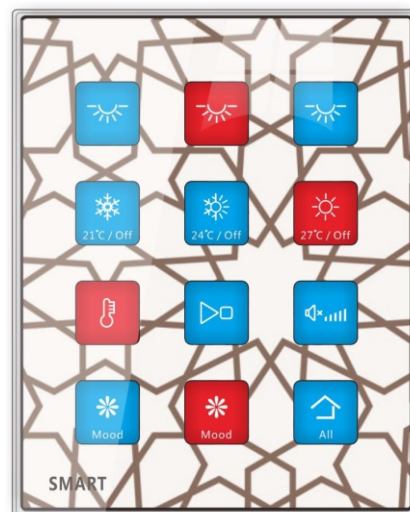




## Flexible Interface



SB-MuseumCard-EU



SB-12T-UN / Museum



SB-Museum15T-EU



Touch or Button Selection

Card or Tag

Any Language

Mobile App

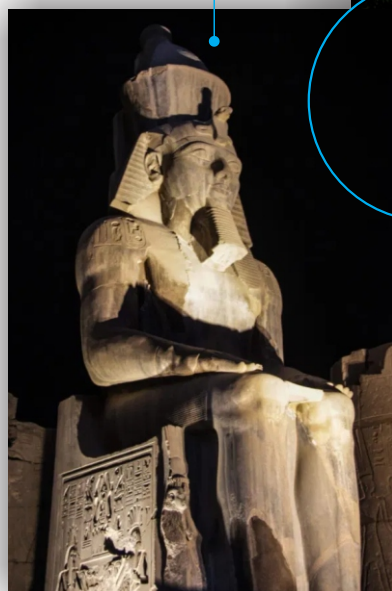




# Outdoor and Indoor Museum Solution



Solar System  
Outdoor Speakers  
Multi Languages  
Information on demand  
Occupancy sensors  
Dynamic Lighting  
Shaded Kiosks  
custom solution..





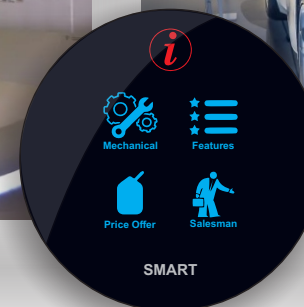
# Smart G4 ZOO



We treat the ZOO as a museum, we add to that safety warnings if any person crosses the safety limit  
we send alert to Zoo Keeper to attend to the warning  
We supply Dynamic Languages, Apps, Bar-code linked information, Audio Text automated and on demand



# Smart Showroom



The Showroom is a place to display products which requires information. We deliver the information quick and exact regarding the displayed items. Like cars, kitchens, furniture, jewelery, electronics, or other.

- Dynamic Lighting and signage
- Temperature and comfort
- Announcements and requests
- Information on demand



# SMART EDUCATION



Building Systems Control - Classroom Automation - Central Monitoring - Attendance and tracking - Safety - Creative e-Box



### Smart Education Public area Solutions

School Energy Saving  
School Lab Air Quality  
BGM/ PA and time clock  
Auditorium AV Systems  
Signage Control, Lighting Dynamic control and scheduling  
Climate control  
Active Lighting  
Student School entry / Exit logging tracking solution  
Student Bus ride logging Safety and tracking solution  
Real Occupancy Sensors  
Comfort and scheduling  
Water Wastage saving

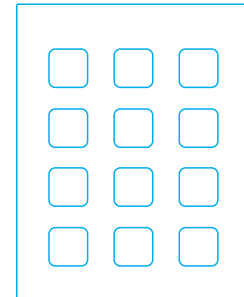


### Smart Class room Simple G4 Solutions

Proactive Lighting  
Comfort and Temperature control  
Multimedia Control  
In class student logging  
Active shooting Lockdown safety

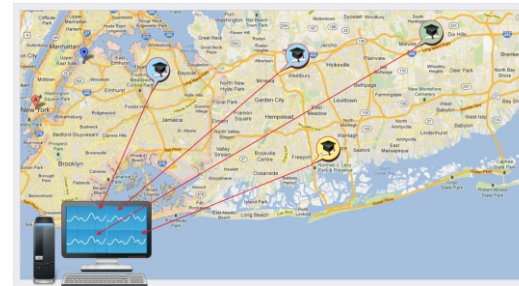


Start Presentation  
End Presentation  
Lecture  
Pause  
Volume+  
Volume-  
Source  
Teaching Board  
Cold  
Cool  
Warm  
Good bye



### Central Monitoring Dash-boarding

Monitor all Locations  
Control based on schedules, events or manual  
Report and decision making adjustment





# School / College Attendance and Tracking

Smart G4 provides Bio-S Smart School Secure and Easy classroom attendance logging system .  
The device can be installed at every Lecture room door/ Auditorium entry to log in the students attendance for different lectures.

For children schools, a tapered entry at main school entrance with Entry and Exit Bio-S device shall ensure the logging and tracking of each child which can also be tracked on internet dashboard securely by parents.

The Bio-S will warn if any child is leaving unattended accordingly, and will also alert if any unauthorized person is trying to enter school grounds.

This Device together with other smart G4 solutions can help secure and safeguard the beloved ones at minimal costs.

## School Bus Safety and Tracking

It is very important for parents to track their child mobility and safety at any time and at all times with automated alerts. The smart School BUS Bio-S can identify and log school children entering the bus and exiting the bus with exact time/date stamp. Additional SMS can be sent to parents informing them that child is back home already.



SB-BioS-FL



# School Student Safety

## School Bus Child Safety (Never leave any one behind)

Many fatal accidents has been reported especially during very hot seasons where some children fall asleep and remain inside bus. while driver assumes that all the bus has emptied, he locks it leaving the child to die in agony of heat and thirst.

## smart G4 has designed 2 solutions for this:

The Bio-S that counts the In/Out and has display for Student safety.  
The S-BUS Child safety System (Children Counter)

## Active Shooting Lock down Safety

Smart G4 Cyber-night (SERAI) has developed a new simple yet most effective classroom lock down response unit to make sure that all children are safe inside classrooms during active shooting. deterring the attacker from wasting his time to invade and break school locked classroom.

While locking the door idea sounds simple, it is not the case in real life scenario. Most the panicking students as well as teachers would not have the courage to approach the door to lock it.

With our classroom responder, it is as simple as pulling a string that runs around all the classroom and can be pulled from any corner people are hiding at. (It is similar to the Pull string available in US buses like greyhound and other.





# SMART Simplified BMS

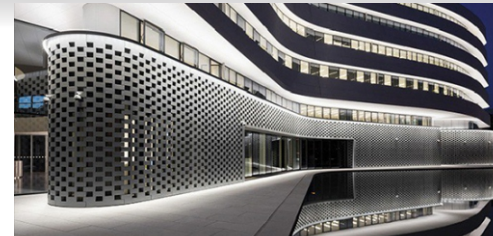
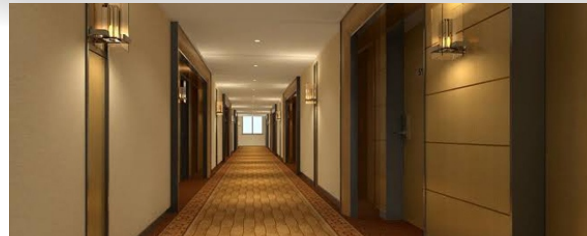
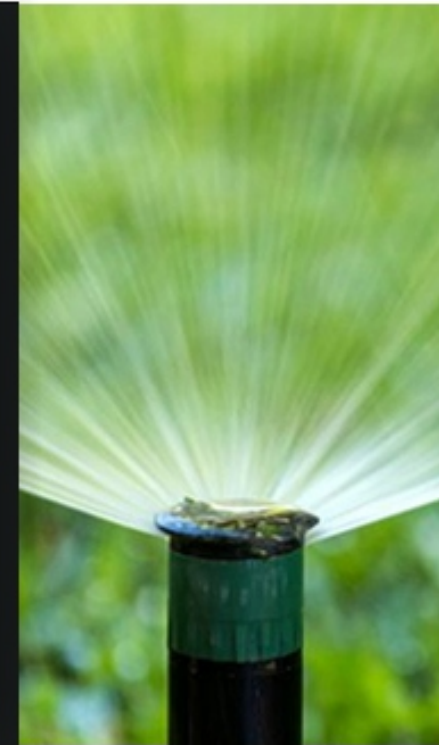


Garage G4 Solution - Entrance Lobby and Elevator - Building Corridors - Building Pumps - Building HVAC



# BMS Simple G4 Solutions

Water tank Level alerts  
 Septic tank Level alerts  
 Irrigation Control  
 Sump Pump  
 Boilers Control  
 Elevator Control  
 Alerts and Safety  
  
 Other BMS basics





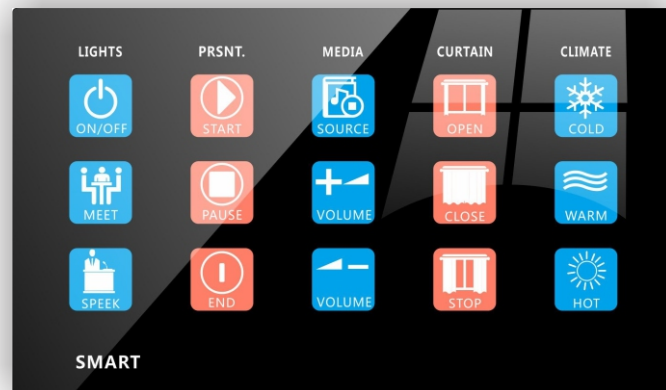
# Digital Media Solutions

## Digital Signage and Content management

Local and remote content Control  
LED Large Displays indoor and Outdoors  
Elevator signage  
retail signage  
Malls Signage

## Meeting Room Solutions:

Video Conferencing MediaConf  
Meeting Room Signage  
Meeting Room and Ball Room Systems:  
Lighting, HVAC, People counting, Audio Video  
Curtains, Stage control, Projections and More..



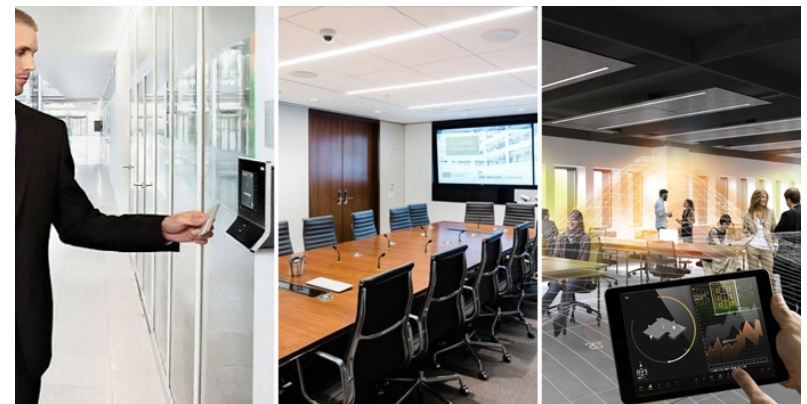
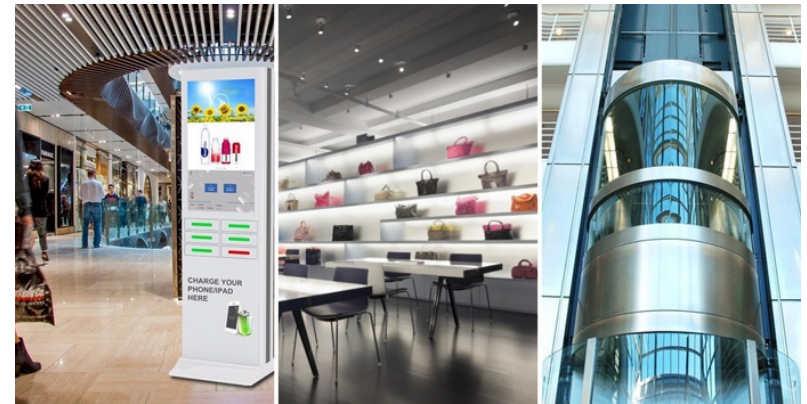
SB-15T-EU



SS-MediaConf-FL

## Banking Solutions:

Bank Energy,  
Bank ATM Lobby efficiency  
bank Queueing solution Media-Que  
Multi branch GBMS





# Parking Space Management Solutions

# Pay2Park



Affordable,  
Very accurate  
Easy Solution

**Are you** in the business of renting vacant lots for Parking space?  
Do you face challenge in Keeping accurate accounting of real car entry and exit?  
Do you want to avoid Expensive gates, cameras & recording or card pay booth system?  
Do you want an economical, yet secure and easy to access solution on demand?  
Do you want A solution that can be easily moved to another parking lot fast and easy?

## Pay2Park system Advantages:

1. Complete Packaged solution
2. Free hosting, no yearly fees
3. No need for public IP and PC
4. System works both: as standalone server (Offline) or through internet cloud based (Online)
5. 60 minutes Power autonomy in case of power shortage
6. Display parking statistics indicating rush hour periods
7. Multiple reports and accounting ability
8. 2 Rates ability based on time of entry (normal and rush hour)
9. 2 security levels / access privileges
10. Affordable cutting edge technology

Welcome guest			Logout
Entry Report			
Exit Report			
Accounting			
Parking information			
Location	Status	Availability / Capacity	
Solidere 1	Online	496 /500	
Live Monitoring 26-02-2021			
Location	Total IN	Total OUT	Total Stay
Solidere 1	22	18	4
Activity Statistics			

Search

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Statistics Report As Per: 17-02-2021

Time Interval	Number Of Vehicles
1 PM - 2 PM	81
11 AM - 12 PM	33
2 PM - 3 PM	30
12 PM - 1 PM	27
4 PM - 5 PM	7
3 PM - 4 PM	1

Receipts Details			
Receipt Date	Receipt Time	Number Of Vehicles	Amount Collected
22-02-2021	02:08:30	167	1336000 GHG
22-02-2021	02:18:57	6	48000 GHG
22-02-2021	02:18:57	8	64000 GHG
22-02-2021	02:20:16	1	8000 GHG
22-02-2021	02:28:29	1	8000 GHG
22-02-2021	02:41:29	4	32000 GHG
22-02-2021	02:51:12	7	56000 GHG
22-02-2021	02:28:59	2	16000 GHG





CUTTING EDGE

ELEGANT

AFFORDABLE

EXPANDABLE

SIMPLE

DURABLE

SMART

[www.smartg4.com](http://www.smartg4.com)



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