



# Smart Bank Concepts and Solutions

Smart Bank G4

Rev.01



# Understanding Bank Parts

- Bank is multiple of Branches, ATM points, and Branch offices/Central Office Building



Head Office



ATM Lobby



Bank Branch

**Making All these smart: By Centrally Linking and Monitoring All Parts**



## Smart Bank Head Office Concepts and Solutions

Smart Bank G4

Rev.01

# Most Common Bank Head Office Area Ingredients



## External Areas

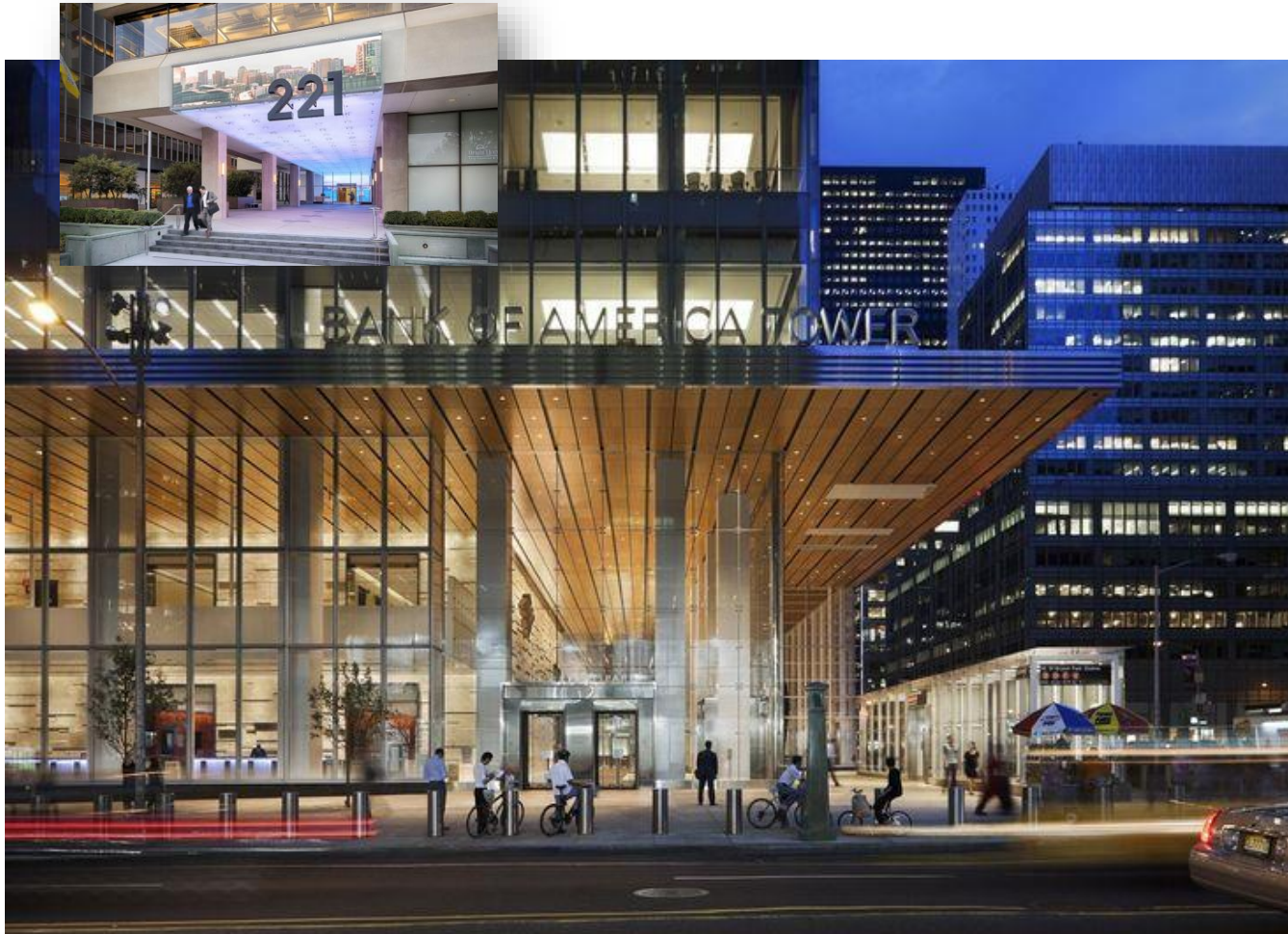
Building Facade  
 Bank Building Parking  
 Main Entrance  
 Guard Center  
 Bank Cars Work Shop  
 Archives Storage  
 General mess



## Internal Areas

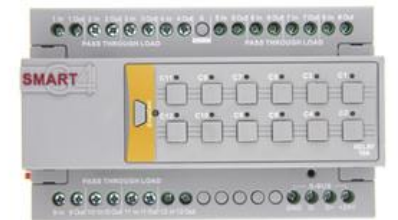
Entrance Lobby  
 Office Entrance  
 Reception  
 Meeting  
 Work areas  
 Private office  
 Manager Office  
 Food Area  
 Workshop  
 IT Server rooms  
 Training Hall  
 Relax Hall  
 Theatre  
 Brain Storming  
 Showroom  
 GYM/SPA

# Making The Area Smart controlled Bank Building Facade



Building Façade controls:

- Lighting Control based on Time and occasion
- Using The façade for advertisement
- Control of Signage Boards



# Making The Area Smart controlled

## BANK Office parking



Its very easy to make the Parking entry smart and controlled

- By adding motorized Gates
- Smart occupancy lighting control
- GSM Gate control
- Long or short range ID Card
- Plate OCR or Face recognition
- Adding Parking Space Management
- Garage Air Safety
- Access Lobbies Security



# Making The Area Smart controlled

## Main Entrance / Entrance Lobby



Controls at Office Entrance is another added value

- By controlling, Lighting, Dimming, Ambiance, Temperature and BGM
- Adding Office Entry Access and Visitor Handling
- CCTV and Security
- Communication Intercom
- Advertisement screens
- And more..



# Making The Area Smart controlled

## Bank Department Office Reception

G4



Controls at Office  
Reception can cover:

- Attendance and Access
- Lighting, Dimming, Ambiance, Temperature and BGM
- CCTV and Security
- IP Communication
- Advertisement screens
- Automated Security
- And more..





# Making The Area Smart controlled

## Meeting Room / Board Room



Having Smart Meeting Room is complex:

- Requires Lights and Temperature control
- Glass Electro tenting and motorized blinds and Projection
- Interactive Displays
- Media control of video, audio, and contents
- Video and Audio Conferencing
- Automated Show Control
- Room Reservation Screens
- And many More..



# Making The Area Smart controlled

## Bank Work Stations area



Having Smart Public office work areas involves:

- Gradual Lighting Control for productivity
- Temperature control
- Occupancy Sensors
- PA Announcements
- IT and LAN Network
- Voice Telecom
- CCTV
- Fire safety
- Central Time clock
- Automated Shading
- Personnel Tracker
- And More..



# Making The Area Smart controlled

## Bank Manager Private Office



Manager Office involves:

- Door Access
- Busy available room status
- Mood Lighting Control
- Temperature control
- Interactive TV
- Automated Shading
- Back ground Music
- Conferencing gear
- Telecom Network
- Custodial Service Panels
- And More..





# Making The Area Smart controlled

## BANK IT Server Room



IT Server Rooms involves:

- Door Access
- High Security detection
- UPS management
- Temperature and humidity control and alert
- Active Network management
- CCTV
- Automated smart actions control
- And More..





# Making The Area Smart controlled

## Bank Office Theater Hall



Theater Hall involves:

- Lighting and Dimming
- Projection System
- Audio Surround system
- Content Management
- Fresh Air and Temperature control
- Infrared and RS-232
- Complete sound Proofing
- And other based on design and function



# Making The Area Smart controlled Bank Branch



Bank Branch controls involves:

- Signage Board Time Control
- Façade Lighting Control
- Security & Occupancy
- Temperature and Energy
- Counter Audio/Mic
- Queuing System
- Air Quality
- Information Interactive Displays





# Making The Area Smart controlled

## ATM Lobby



Bank ATM Lobby controls involves:

- Energy Saving Based on Use need and Time
- Lighting Control
- Security & Occupancy
- Temperature and Energy
- Signage Boards



# Making The Area Smart controlled

## Bank Office Showroom



Showroom controls involves:

- Dynamic Lighting
- Voice intro multi Lingual
- Occupancy sensors
- Show control
- Temperature and air flow
- Color and ambiance
- And many other based on design and function







**For Design, Estimation and More information**  
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