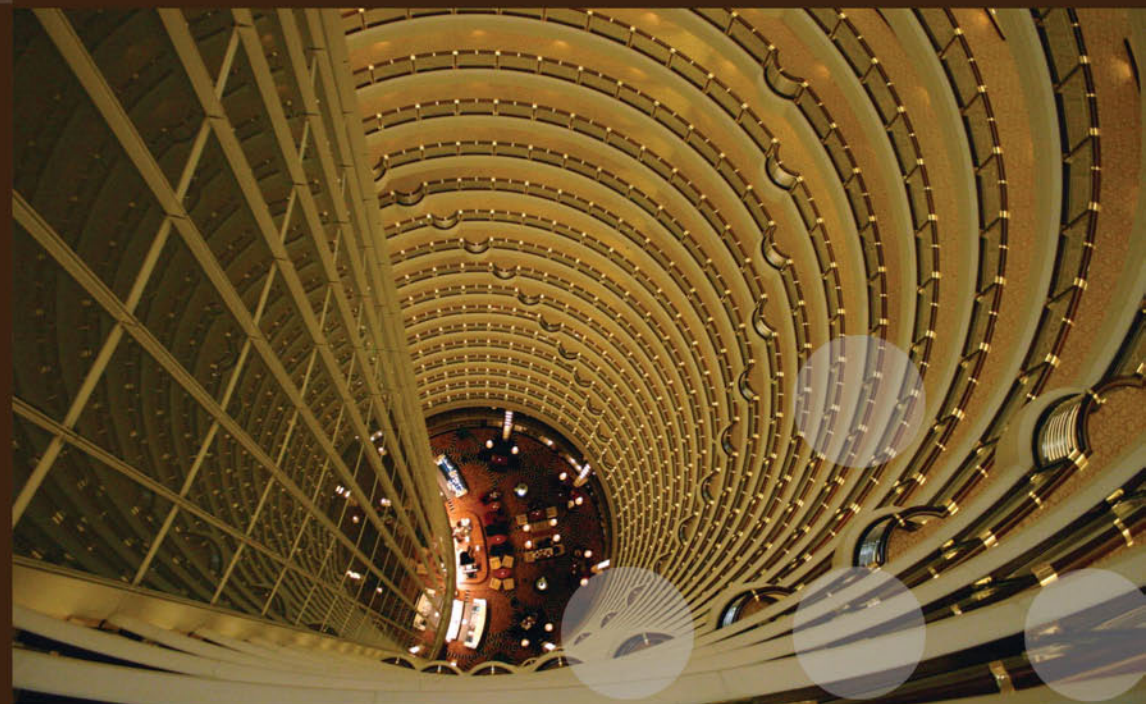




Regional Office  
P.O. Box 31255 Dubai,  
United Arab Emirates .  
Tel : +971 4 343 1323  
Fax : +971 4 343 1939  
e-mail : digitcom@eim.ae  
www. smarthomeuae.com

Algeria  
Bahrain  
Egypt  
India  
Jordan  
Kuwait  
Libya  
Malta  
Oman  
Saudi  
Tunisia  
UAE

Azerbaijan  
Bangladesh  
Greece  
Iran  
Kazakhstan  
Lebanon  
Malaysia  
Nigeria  
Pakistan  
Syria  
Turkey  
Yemen



SMART HOTEL



THE SMART HOTEL

IS

the Hotel that Satisfies The Wishes of it's:

Guests  
Managers  
Owners

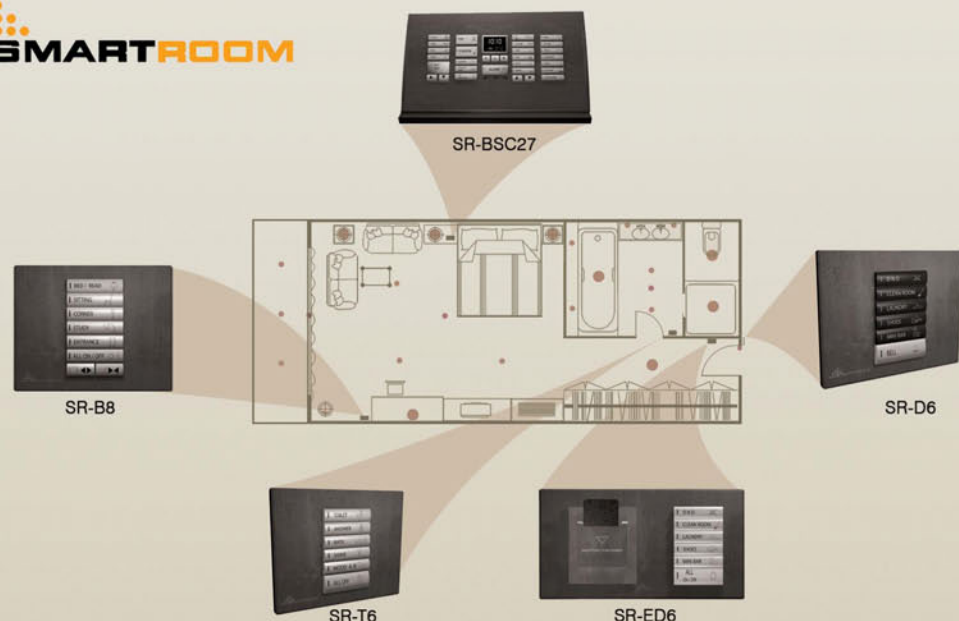
ADD STARS



GO SMART

MAKE THE DIFFERENCE





## TABLE OF SERVICES

## Page

Hotel Lighting	7
Bed-Side Controller	9
Interactive TV	10
Smart-Room Indicators	11
Climate Control	12
Detection Safety & Control	13
Electronic Locking	14
Hotel Telecom Network	15
Energy Saving	16
Service on the Go	17
Taxi Paging & Parking Systems	18
Club and Bar Systems	19
Banquet & Conference Hall Systems	20
Hotel Entertainment	21
Pool and Garden Systems	22
BMS Systems	23
Staff and Management Systems	24
How Does a Smart Hotel Room Work?	25

### Wake-up Time



### Bed Time



Lights	(Turn On Automatically)	(Off Gradually)
Curtains	(Open If Day)	(Close if Night)
Air Condition	(Switch Off)	(Auto)
TV/Radio	(Turn On)	(Off after 60)
DND	(Cancel DND)	(DND Active)
Door Bell	(Enable Bell)	(Disable Bell)
Floor Heaters	(Start for 30 Min)	(Heaters Off)

Arriving to Room  
Leaving Room  
Mirror Lights On  
DND Active  
Balcony Door Open  
No Occupant & No Bedtime

Royal, Logical & Sequential Systems Start  
Sequential Systems Shut Down (Time Out)  
Mirror Defogger On & Floor Heaters On For 30 Min.  
Door Bell Disable  
Switch Air Condition Off  
Auto Energy Saving Shut Down

SIMPLE & SMART



I WISH



### In my hotel room to:

- have wired and wireless internet link
- have TV with digital satellite channels
- have fax machine
- watch any film I like from video library on my demand
- view my current bill on TV just to check on my charges
- have control of lights, moods, curtains, music and air temperature from my bedside
- be able to call-in and switch on air conditioning 15 minutes before my arrival
- request for services like 'make up bed', pick up laundry and polish shoes easily
- receive my messages in my room promptly as I enter
- activate 'do not disturb' automatically for bed time and deactivate it on alarm clock 'wake up'
- have curtains automatically open in the morning on alarm clock 'wake up'
- have the A/C to automatically switch off on alarm clock 'wake up'
- be informed of hotel announcements and activities on TV screen
- view different camera scan of the pool area and all other public hotel facilities
- not to smell smoke in my room and have clean scented air
- have doorbell to inform me about a visitor even when i am in bathroom or balcony
- conveniently browse special offers, boat rentals, fishing trips and safari or city tours



Emergency Exits   Staff Entrance   Loading Bays   Parking   Stores

## Staff & Management

### Time & Attendance

Full monitoring and reporting of staff and management duty and work hours.

### Patrol Control

Monitor and report on hotel areas with roving patrols and convenient hand held paging , reporting and communication devices.

### Surveillance

Keep a 3rd eye on all hotel service areas making sure that all staff in their proper work areas are performing their duties as planned and needed.

### Sanitation

Clean monitoring of bacterial level for staff and attendants.

### Security

Search and Detection systems to ensure proper search for all entering and exiting staff.





Escalators Pumps Boilers Irrigation Elevator Chillers Lights Fire

## Building Management System

### Elevators

Control, monitor and be alerted of all elevator, escalators access and malfunctions.

### Water

Full monitoring and alert of water tank level, water leakage alert, sump pump trap, water heaters and boilers, control valves, pump run and trip alerts, drainage pipes clogging, water filtration and chemical treatment levels. Receptive smart sensors to study leaf dampness, soil watering level, pump trip and irrigation tank low level alerts, saving plants and water resources.

### HVAC

Complete systems control of compressors, chillers, drip trays and fan belts. Alerts systems on filter cleaning schedules for a proper temperature and humidity level, fresh air mixers, reventilizers and smell control for hotel areas.

### Fire & Gas alarms

Responsive warning systems of smart sensors for gas leak, CO, and smoke detectors.

### In the pool area, I would like to:

enjoy magnificent lights, ambiance and romantic music  
not have pests nor mosquito to bother me  
have misters and coolers during hot days  
be able to access internet wirelessly  
to call waiter for service by allocated call button  
indulge in a swim with safe, clean and temperature controlled waters

### In corridors and lobby, I would like to:

be informed about hotel activities and hotel information  
to check availability of sports and spa facilities  
have easy access to news, information and city guides  
display my visitors' names on accessible screens at different hotel areas

### In the restaurant and bar, I would like to:

electronically call for service  
have no cooking smell  
enjoy proper acoustics and illumination levels

### In auditorium and banquets, I would like to:

have professional multimedia and audio devices for presentations & seminars  
have the best flexibility to control temperature, lights and sound effects

## WISHES

### In my hotel room to:

have weather information for the day and forecast for the next day  
view my visitor outside my door from my TV  
have my TV and music automatically mute when the phone or door bell rings  
conveniently perform express checkout request  
be able to perform discrete late checkout requests and receive approvals  
have a secure private in-room safety deposit box  
have ice supply, kiosk dispensers for tooth brush, swabs...etc. at my floor  
have room drop box for dirty laundry & shoes that can be accessed by staff from outside

### In bathroom, I would like to:

enjoy music, watch tv and have phone access even while relaxing in the Jacuzzi  
shave and groom my hair or put on make-up looking at fog-free clear mirror after shower  
have hair dryer and lighted mirror magnifier  
walk on temperature controlled floors  
sit on temperature controlled toilet-seat  
automatically deodorize and sanitize air after toilet usage

## GUEST



## Owner

### As Hotel Owner I would like to:

- add more stars to my hotel, for higher room rates
- minimize utility bills and maintenance expenses
- add value and strengthen my property investment
- decrease my insurance premium by having a safe and fully secured building premises
- monitor and control cash in/out, generate full reports and transactions from all departments
- bill phone calls, minibar and other services promptly
- have a Smart Database with full information about regular clients' profile regarding gender, age, nationality, spending habits++
- provide guests' with the best comfort level by avoiding any form of discomfort
- keep an eye on all hotel areas and activities remotely
- completely monitor Staffs' access, behavior, activities and attendance records
- have the finest hotel ambiance and atmosphere as possible
- ensure that only valid cards are inserted in energy saving modules to guarantee guests' presence, save energy, monitor room readiness status, monitor AC trips, water leaks and light burns centrally.
- supply the maintenance department, management and security personnel with wireless telecommunication system to enable swift service response
- have the best facilities for banquets, conferences and weddings with a complete audio visual and multimedia equipment



## I WISH & WISH FOR

Irrigation   Ambiance   Pest   Safety   Beautification   Temperature

## Manager

### As member of the Hotel Management, I would like to:

- provide guests with the best comfort level during their stay
- make all bills available directly for guests upon request
- grant the hotel guests with the ultimate convenience
- monitor room status and view service que request aging reports
- have access to room availability and occupancy
- organize hotel room house keeping schedules
- have an easily accessible and accurate staff time and attendance reports and habits
- assess the guests' profile, visits and habits to provide a basis to evaluate and upgrade hotel services

### Pool & Garden Systems

#### Mosquito Killers

Avoid any hassles with pests and enjoy swimming in the pool or relaxing in the garden.

#### Pool Filtration Alerts & Temperature Control

Take a plunge in the pool and jacuzzi that are fully monitored for your health.

#### Sprinkler & Irrigation Control

Maintain a great outdoor ambiance with automatic sprinklers and irrigation control.

#### Fountains, Pumps & Misters Coolers

Add beauty and save energy with proper sensors and timers for fountains and pumps, control the temperature to make it hot or cold as needed outdoors.

#### Garden Music and Speaker Systems

Enjoy music outdoors while having a dip in the pool or taking tea in the garden.





Restaurant Karaoke Lounge Lobby Pool Side Shopping Mall

## Entertainment

### BGM Music

Enjoy smooth music while at lobby, pool and at shopping arcade.

### Karaoke

Add to the experience with your singing talents and complete your pleasures.

### Video Streaming Clips

Enjoy the latest music with matching streaming videos at Bars, Cafe's and Gym.

### Information Display

Plan your night and day activities utilizing city information displayed at different screens and kiosks. Check hotel activities and entertainment programs.

## Visitor

### When I visit the hotel, I would like to:

enjoy the convenience of valet parking  
conveniently call for a taxi  
easily be able to locate the person I came to visit in the hotel areas  
enjoy the great ambiance and entertainment

## Staff

### As a Staff, I would like to:

know that my managers are informed about my activities and service level  
be able to know the total hours worked and over-time I have completed  
request vacations and leaves and to be able to know my schedules  
be able to communicate report and receive management requests discretely

### As Engineering, I would like to:

be able to know about different hotel systems' problems centrally  
to be able to flexibly add and modify Audio Visual equipment setup as needed  
be able to communicate with my maintenance staff swiftly  
be able to repair faults discretely without the contact with clients

MORE







Projectors Screens Announcement Effects Stage Controls

## Why Light?

Fascinate the world and allure guests and visitors. Stand out from the crowd with the radiant glow and exact atmosphere of lights inside and outside of your hotel.

## External Building Lights

Experience the brilliance of external building lights with colorful effects and hue which gives intensity to the exterior ambience of the hotel making it a landmark.

## Loading Area and Parking Lights

A well lighted loading and parking area adds convenience to the guests and visitors alike.

## Banquets and Conference Hall Lights

Enjoy the theatrical lighting effects during events and occasions in banquets and convention halls.

## Banquets & Conferences

### Audio

To give complete systems' control for audio distribution and programming functions.

### Visuals

Provides complete multimedia devices for special events and conferences.

### Drapes and Screens Control

To add visuals for seminars and conventions, control drapes and screens.

### Switches and Mixers

Provides control for all audio and video timing and distribution.

### Acoustics and Illumination

To add the right atmosphere for the occasion, provide vibrant and illuminative lighting.





Speakers   Flashers   Laser   Foggers   Bubbles   Strobes



## Club & Bar Systems

### Audio & Video

Experience a different atmosphere with a blast of disco music or a touch of harmony with acoustics. And to best achieve the ultimate entertainment have the right videos to get you in the groove.

### Lights

The best illuminations and colors will surely ignite the mood for that perfect night.

### Vibration Control

Feel your body explode for a maximum dance experience and feel the room shake with the beat, thanks to latest tactile technology.

### Climate Control

No need to worry about sweating your senses out, enjoy that cool ambiance while enjoying the music.

## Hotel Room Lights

Brightness and dimming of room lights according to your mood and activity with the use of smart lighting control panels and handheld remotes.

## Pool and Garden Lights

Enjoy the radiance and ambiance of color changing lighting to set your mood and emotions while enjoying a relaxing dive in the pool or having tea near the garden.

## Service Areas Lights

Give the needed light level to do the job and keep things clean and save energy when no one is in that area.

## Club, Bar, and Entertainments Lights

Get into the beat, enjoy hotel club entertainment and discover the secrets of light and emotions.







Temperature   Service   Alarm-Clock   Lights   Moods   Radio

## Total Bedside Room Control

### Multi-level Light & Multi-mode Air Conditioning Control

Control the level of lighting intensity and set a different mood.  
Regulate room temperature to your desire with a press of a button.

### Television ,Radio Channel & Volume Control

Watch your favorite TV program, control volume and choose desired radio channel.

### Centralized Alarm Clock & World Time Display

Set alarm for 'wake up' and check the time worldwide.

### Service Request Signal Control

Indicate message and service for room attendants : Do not Disturb, Clean Room, Polish Sheos, Pickup Laundry and Refill Minibar.

### Message Indication

Check messages conveniently when alerted on your bedside.



## Taxi Paging& Parking Systems

### Wireless Taxi Call

Wireless Taxi Paging helps bell boy, or valet parking staff to aid any hotel guest or visitor by swiftly and politely requesting the number of taxi needed to the exact destination by a press of a button.

### Car Count System

Keeps track of the number of vehicles entering and exiting the parking to monitor parking availability for guests and visitors.

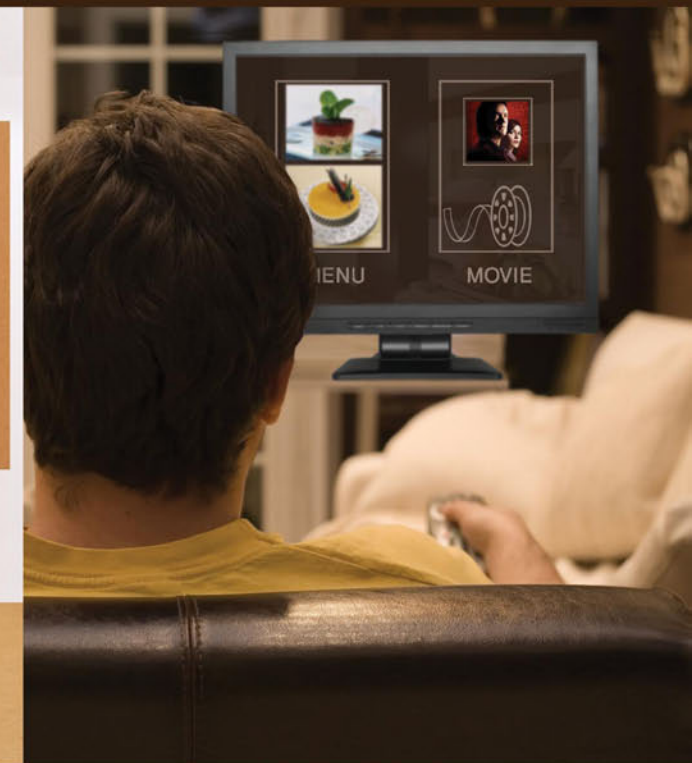
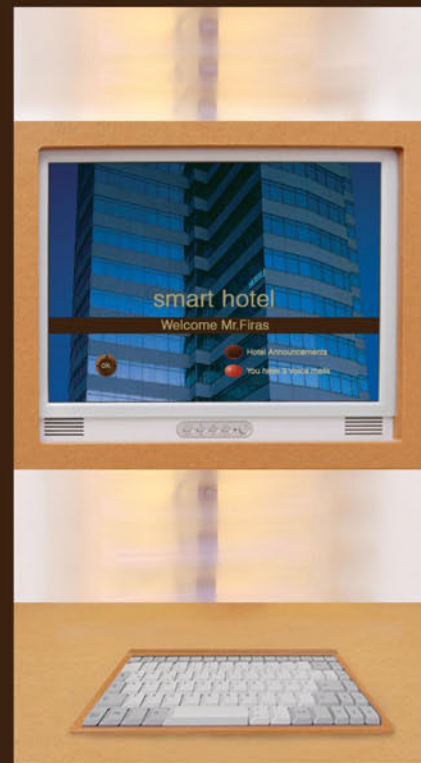
### Reporting Option

Full logging and reporting for all traffic calls, parking activities and valet counts.

### Directions Display

Gives the direction to follow for parking location and number of vacant parking lots.





TV Music Privacy Movies Food Menu Bookings

## Service On The Go

### Wireless Guest Service Request

Enjoy the convenience of wireless service request at pool, bar and restaurant.

### Order Taking & Processing Systems

View and order from the hotel menu from your TV and conveniently place your order inside the hotel room or from function areas, utilizing interactive on-line system.

### Hotel Networks ( Room Service Level )

Call for service from inside the hotel room for other services like laundry, dry cleaning or clean room requests, in-room massage, manicure and pedicure.

### Guest Preference Information Display

Indicate preferred information for daily display on screen for announcements, menu and news.

### Special Macros and Alerts

## Interactive TV

### Video On Demand & Games

Take pleasure and watch the movie on demand for a relaxing day or indulge in the latest games and entertainment with limitless choices to suit your taste.

### Internet On TV

Browse your favorite websites and check your personal e-mail online.

### Guest Room Bill

Have ready access and view current Bill on TV to check on charges.

### Hotel Advertisement & In Hotel Live Camera

Be informed of Hotel Announcements and Activities easily viewed on TV. View different camera scanning of the pool and entertainment areas.

### Satellite TV & Unified Messaging

Catch the latest news or your favorite TV program and view recent messages from visitors and hotel staff on TV directly.





DND Clean Room Laundry Polish Shoes Fill Minibar

Lighting Pumps Water Boilers Chillers AHU Shutters

## Smart Room Indicator

### Do Not Disturb

Relax during a nap or at bedtime without the hassle of visitors or room attendants disturbing you.

### Make Up Room

Inform the hotel room attendants to clean the room while you are out.

### Integrated Door Bell

Alerts you when you have a guest waiting for you.

### Additional Services

Give instructions to hotel attendants for: laundry, dry cleaning shoe cleaning and refilling of minibar.

## Energy Saving

### Lights Off

Turns off the lights whenever the room is not occupied and automatically turns off when the guest leaves the room.

### AC Off

Air conditioning automatically turns off when the guest leaves the room and turns off whenever the room is unoccupied.

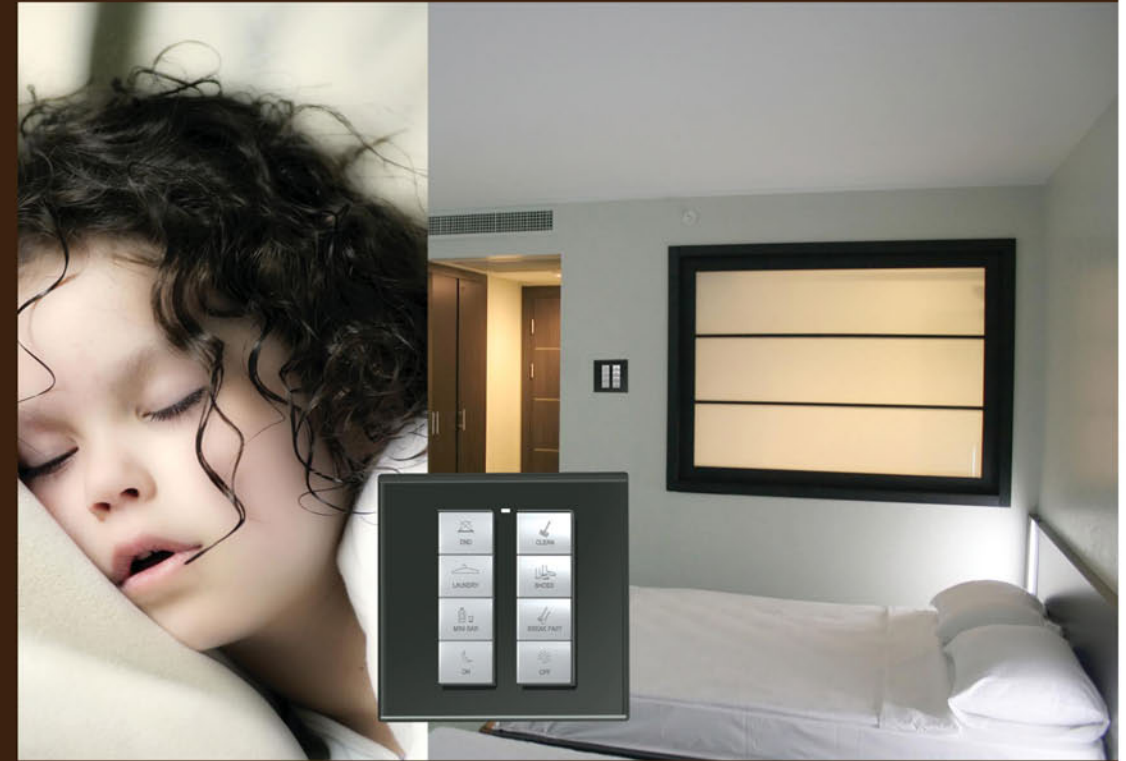
### Occupancy

Lights, Air Conditioning and Audio turn off automatically when area is vacant.

### Hotel Energy management

Smart and convenient energy management of hotel service areas, building support systems, parking, pool and garden systems.





Telephone Fax Voice Mail Messaging Internet Wifi

Drapes Fan Water Heater Cold Cool Warm

## Hotel Telecom Network

### Telephony

Stay connected, call family, friends or business, room to room, local and international.

### Data/DSL and Fax

Enjoy high speed internet and fax connectivity at room convenience.

### Security

Make sure that network is Virus and Intrusion protected by providing firewalls.

### Toll Control

Block unauthorized usage of telecom fax and internet at vacant rooms.

### Voice Mail

Enable voicemail service for new guests to receive voice mail and messages.

### WiFi

Provide Zoned WiFi coverage for guests' convenience at room, lobby and poolside.

## Climate Control

### Air Conditioning Modes

Ready Presets at a touch of a button: cold, cool, warm or selectively adjust room temperature to your desire.

### Fan Control

Room fan control help you adjust fan speed for air circulation and air flow.

### Drapes Control

Be able to automatically or manually open and close the curtains and drapes conveniently.

### Heaters Control

Enjoy best warmth at hotel room using continuous controlled hot water supply, floor heaters not to walk on cold marble, towel heaters, toilet seat heaters and mirror defoggers and de-misters.





Security Safety Fire Control Detection Identification



Cards Tags Safety Deposit Door Access

## Detection, Safety & Control

**Complete Surveillance, CCTV Cameras & DVR Recording**  
Maximum surveillance for safety and security in vital hotel areas with remote monitoring and playback ability.

### Hotel Safety

Complete solutions for hotel safety : fire, gas, elevator, parking and pool.

### Guest Identification Systems

Record and verify guests' information, room number and photo for better identification and security of hotel premises.

### Access Barriers & Parking Systems

Secured access in all entrances and exits with access codes and protected entry of registered vehicles.

### Metal Detectors & Search Systems

Safeguard guests with reliable weapons and explosives detectors and search systems.

## Electronic Locks

### On Line & Off Line

Check hotel room online to check door locks privileges or manually check door registers.

### Reporting & Access Tracking

View , check and keep track of the time in and out access for guest room.

### Easy Room and Elevator Access

Be assured of your security with the use of smart card key and tag access.

### Time Blocking

Set room locks at a specified date and time, when no one can enter your room by blocking any access to the door and safe.

### Master Key

Have the master key control and stop access to slave keys.