Home and Office Automation Solutions

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What Home Automation Can do?

- Turning lights off and on automatically when it’s light or getting dark/ Automatic turning on/turning off of lights
- Opening and closing curtains or blinds remotely
- Timers that can switch appliances on and off automatically
- Motorized windows and garage doors that open and close at the flick of a switch
- Fingerprint recognition and IPAD controllable door locks
- Fire and carbon monoxide detectors that can set off sound or flashing alarms
- Scene control and mood lighting
- Ipad control of all electrical devices at home – lights, curtains, devices connected to sockets, AC, door locks etc

Our Solution includes

- Lighting Controls
- Gate Control
- Lawn Sprinklers
- Projectors

- Audio Video Controlling
- Motion Sensors
- Dimmers/Controllers
- ...And many more
What I can control?

- Centralized control of lightings
- Motorized curtains, blinds
- Air-conditioners and electrical appliances
- Home entertainment system
- Garden Watering system
- CCTV System
- Card Access control system
- Swimming pool/Garden watering system
- And many more ...........
Office Automation
Building Information and Facility Management

Building Information & Facility Management Model
We Tie Everything Together and Put it on Your Phone
Whole Home Automation: Security, Energy, Entertainment
Our proposal for Automation

- Integration with the pioneers in lighting controls and AV Controls

- KNX platform for lighting, curtain, AC automation – SCHNEIDER/ZENIO

- Integration with an IP based platform for high end automation – CONTROL 4
Television Control (Local)
Mobile Solution: Tablets, Smartphones, E-Readers
iPhone, Android, iPad, VoIP Phones
Mounting Options for Mobile Devices
Why KNX?

- “KNX is the only global standard for home and building control
- A single, manufacturer independent design
- International standard, therefore future proof
- Interoperability and interworking of products

KNX is approved as:
- European standard (CENELEC EN50090)
- International standard (ISO/IEC 14543-3)
- US standard (ANSI/ASHRAE 135)
Why Home Automation?-Comfort that never been seen !!!
Curtain Control

- Create schedules to open/close curtains automatically
- Automatically close curtains while watching movies
- Control curtain from TV/IPAD/touchscreens
Projector Automation
Security Sensors

Security & sensor

- Sensors - In all passages and washrooms
- Security – Alarm “Active” mode when outside
- Camera – both entrances and entry to garage
Reduced energy consumption of Devices

Figure 3. A study conducted by the Institute for Building and Energy Systems at Biberach University of Applied Sciences, entitled “The potential offered by modern electrical installations for saving energy”, has revealed that the use of a KNX-based, networked home and building control system can reduce energy consumption by as much as 50%.
Lights/Blinds/HVAC Control systems/Touch Panels

- Zennio Switches –
- Easily Integra table with Schneider KNX system
- Manufactured completely in Germany
Exclusive Award Winning interface
Control - Interfaces

- Various interfaces for home control systems, including tablets, televisions, wall-mounted devices, and remote controls.
Voice Control

- Set Up 10 customized voice commands
- Apple and Android compatible
- Quick one-button activation
- Uses home Wi-Fi
- Works directly using phones microphone
- Can Setup ‘Master on’ and ‘Master off’ commands thru voice
Home Theatre System

- Bose 5.1 home theatre system
- High level foreground music
- Customized home theatre set up
AV system sources

- Fusion Movie Server – 6TB
- Can store dvd/Bluray
- Apple TV- Direct streaming from Apple devices
- Music Bridge-Direct streaming from Apple, Android, Windows
Background Music - Bose

- Ceiling mount 8 ohm high powered speakers
- 14 zones
- Fully integrated to Control 4 Home Automation system
Audio Distribution

16 x 16 matrix switch

Zone 1
Zone 2
Zone 16
Video Distribution

Have your favourite satellite channel logo for instant selection

Search categories and groups for easy browsing

Satellite channel listing

Control all AV sources from one screen or remote

Movie album display mode
Search Genre, Ratings, Actors, Directors.

Stream movie directly to each room.

Movie listing
Media Distribution

- ALL THROUGH A SINGLE CABLE! – HDBaseT Technology
Door Locks – Main Door

- IPAD controlled digital locks integrated to Home Automation
- Considered in both entrances and server room
- Check full entry history for lock on touchscreens
Total Solution
Thank You

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