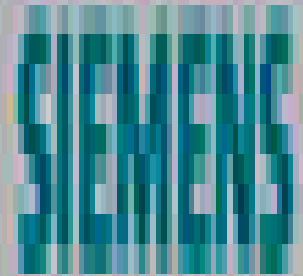




CONTROLS & SYSTEMS
Industrial and Building Automation

Solution Partner

Building Technologies



AUTOMATION & CONTROL

SYSTEMS INTEGRATOR

Total plant control

Presenting the Desigo family of Direct Digital Control

Systems which gives you energy smart buildings and industrial plants ---



Humidity/
Temperature

Flow/level

Moisture
content

Indoor Air quality
(CO2)

Differential
pressure
measurement

Features:

- Stand-alone or network operation
- Weekly/Monthly/Seasonal/Annual program
- Flash memory
- Battery-backed RAM data
- Multiple operator interface options
- Point trending
- Alarm handling facilities
- Digital display unit
- Peer to peer communication

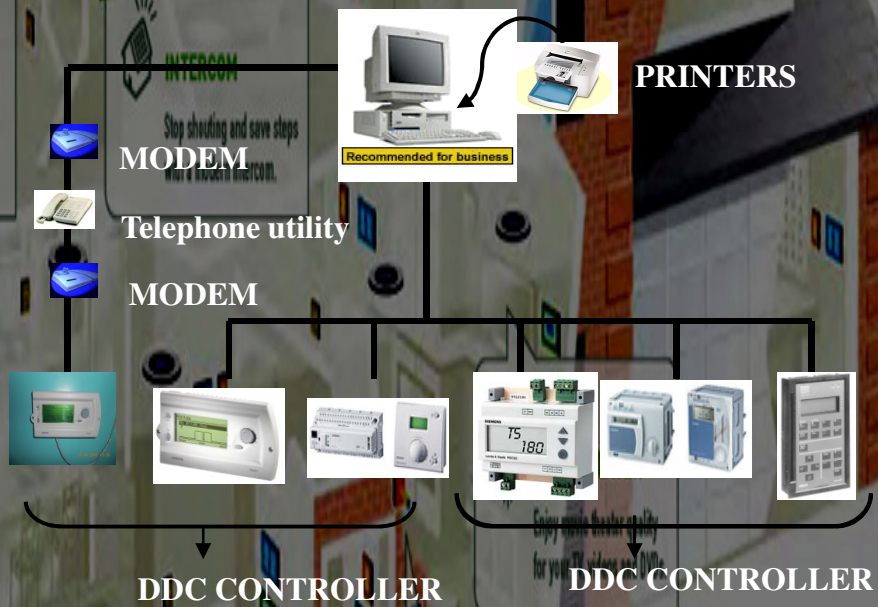
- Camera
- Intercom
- Outside Intercom
- Speaker
- Outside Speaker
- Keypad
- Light Switch
- Outlet
- Wireless Internet
- Home Connection Center

Features

- Graphical display unit. in every room
- Equipment Monitoring and Control via graphics.
- Security provision.
- Report generation.
- Real-time data display.
- Run times of various equipments to generate preventive maintenance schedule.
- Controls of various parameters from a single control room

COLOR MONITOR

PRINTERS



The desigo family range can control humidity, temperature, ventilation, lighting, access, elevators escalators & monitoring of fire, intrusion and detection in any building. These services can be fully integrated into single building management systems.

With the desigo you can choose how you want to control your building/industrial, now and in the future, how you want to interact with your system, who operates it and what services you want With your system.

Building control systems and solutions facilitate rapid recovery of investment cost through energy savings and resource protection.

Sensing & Control - Instruments that match your every need

Thermostats

Complete comfort for any environment

Features

- Digital/Analog control.
- Single stage modulating .
- All version have heat anticipator.
- Slide switch allows manual control.
- Dual diaphragm sensing element or remote.
- Innovative PI control algorithm.
- Simple to use & Easy to install.

Digital Thermostats



Room Thermostat



Fan coil thermostat



Humidity & Temperature controllers

Features

- Remote sensing up to 1000 ft
- Flexible, cost effective control with up to four stages of output and up to two sensor inputs
- Models available with proportional and integral outputs: 4-20mA, and 135 ohms
- Digital/Analog control

Analog Humidity controller



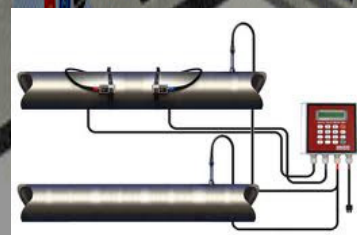
Digital Humidity controller



Digital Temperature controller



BTU meter



Perfect solution to help maintain comfortable Temperature & Humidity levels in buildings, factories, Processes etc.,

Instrumentation & control

- products with consistent quality, lower cost & better service

Indoor air quality products

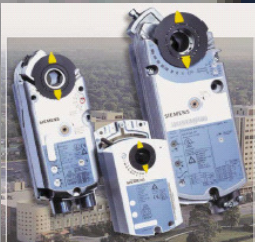
Clear indoor air for healthy, productive Living eliminates 95% of allergens dust & tobacco smoke, Chemical Odor ,and odors from cooking , bacteria, Removes volatile organic compounds present in indoor air.

Co2 sensor/voc controllers



Actuators & valves

Complete reliability for HVAC control a wide range of reliable damper actuators & pneumatic/electric valves to meet your HVAC requirements.



Two way /three way FCU & AHU valves
With actuators

Mixing /diverting valves

Steam control valve
Modulating / on/off control actuators

Damper actuator spring and without spring actuators

Fire damper actuators



Energy Management Systems

Maximum Demand controller



Minimize your energy costs by controlling your Maximum demand with this low cost controller

Non-domestic electrical power users often have to pay a maximum demand charge in addition to the usual charge for the number of units consumed.

Power meter/load manager



Single unit capable of measuring single or multi-phase power lines (up to 3-phase / 4-wire lines)

KW hr meter



Automatic Power factor controller



Precise motor frequency regulation

variable frequency drives uses the latest IGBT frequency inverter technology for more efficient motor operation. These compact, lightweight drives are easy to install

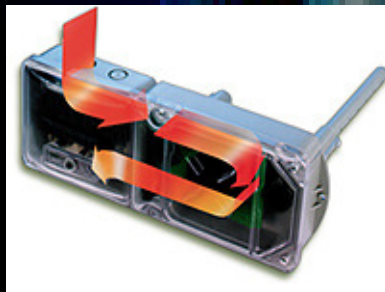
and provide significant energy savings. Plus, they're built to last, allow easy commissioning and start-up

Power transducer



Intelligent Fire Alarm systems

Intelligent smoke sensing in textile area
spark detector
Beam detector
Thermal detector
Co2 detector
WRS , blom room , cotton, yarn gowdown
And other waste collection area



Intelligent Advantages



- 1.Early Detection Minimizes Losses
- 2.Alarm Verification to rule out false and nuisance alarms
- 3.Exact pinpointing of location helps accelerate fire fighting operation
- 4.Intelligent annunciation facilitates early and easier evacuation.
- 5.Continuous Monitoring and health check of systems for reliability and easy maintenance
- 6.On-line diagnostics to check the state of each detector periodically
- 7.Systems available for small,Medium or large complexes

CCTV & Access control

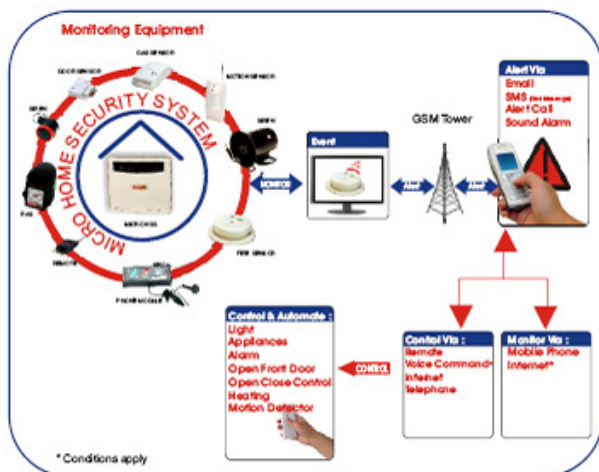
Access Control System consists of Badge printing system, Card readers, Access reader with video intercom, Door controllers, Door equipment with magnetic door contact and door opener, Emergency door equipment, Server and Workstations



Home /office /shop security systems:

HOME SECURITY SYSTEM

24 X 7 World-wide protection for your home through mobile



Micro HSS is an advanced Home Security System which can be installed at one's residence. This Security System sends SMS alerts to the registered user's mobile, anywhere in the world, regarding incidents such as forcible door intrusion, motion detection, gas leakages or fire outbreaks at his residential premises. These SMS alerts can be received not only by the registered user but also others whom the user may choose to register, through the 'Add-on' Facility.

Micro HSS - Premium

- It overall controls 13 Zones or areas
- One registered user and 3 Add-on User
- Inbuilt Two way voice communication
- SMS alert on Emergency through wireless remote key fobs and also through Telematics.
- SMS Alert to registered user and Add-on users on Door Intrusion, Fire, Gas, Motion.
- Sensor status (active/inactive) via SMS
- SMS Alert can be activated /deactivated using remote
- SMS Alert on power failure and restoration
- ON/OFF electrical device using remote and Mobile phone.
- Add-on sensors
- Battery backup facility
- Transfer of control to any user globally
- SMS Alert and missed calls from system to the register user and add-on user

Accessories	
Standard	Optional
Door Sensor - 4	Door Sensors - 3
Gas Sensor - 1	Motion Sensor - 1
Fire Sensor - 1	Fire Sensor - 1
Telematics - 1	RAS - 1
Hands free - 1	
Remote - 2	
Battery - 1	
RAS - 1	

