



I&MS International LLC is an authorised partner for Schneider Electric in the United Arab Emirates.

## building automation

Schneider Electric is a world leader in building automation. We are at the forefront of growth because we deliver what our customers want, year after year, building after building.

Schneider Electric established the concept of Open Systems for Building IT®. Our open, standard technology enables customers to integrate all their building management systems across enterprises. Because we use non-proprietary technologies such as TCP/IP, LONWORKS®, BACnet®, Modbus® and Ethernet, our solutions are compatible with virtually all systems on the market, and can fully integrate on one network. This gives customers more options and eliminates the risk of them being locked in to any one vendor's technology.

We also offer a first-class service. We are committed to supporting our customers' facilities throughout the entire life-cycle of their buildings. We offer a comprehensive range of vital monitoring and support services tailored to specific operational needs.





## security

Today, security is at the top of every customer's list of requirements.

To keep up with security demands and stay ahead of risk, you need to have a provider who knows how to fully secure a building.

While this challenge is new for many companies, it has long been a focus for Schneider Electric.

Schneider Electric have been providing access control solutions for nearly twenty years, and have pioneered network-based digital video surveillance and management for more than a decade.

Because our security solutions integrate seamlessly with your building automation system, we enhance your ability to respond quickly to unplanned events or emergencies.

Count on Schneider Electric to keep up with the ever-evolving HSPD-12 and FIPS 201 security standards.

Some of the world's largest airports and government facilities do.

When you think of building automation, think security. We do.





## service

With I&MS and Schneider, your building automation systems will provide you with measurable cost and efficiency savings as a given.

Likewise, you can assume that all of our team members are well-trained experts who will put themselves at your disposal.

They will help you plan and design cost-effective systems. Work with you to help keep your buildings running smoothly year after year. And be at your side when it's time to upgrade.

They will help you keep your facilities staffing needs to a minimum.

And even collaborate with Schneider Electric to give you the full benefit of working with the world's leader in the management of electricity and automation

Working together, we will be there for you whenever and wherever you need us. That's the I&MS and TAC's idea of service.





## energy

You need your building to perform. At the same time, your operational budget may be shrinking. And energy costs continue to soar.

So, how can you reduce usage, meet regulatory requirements and do the right thing for the environment?

I&MS and Schneider Electric has the answer.

We help customers address the business, environmental and regulatory issues that drive their need for energy efficiency.

Two of the comprehensive programs we use to do this include EnergyEdge and Energy Solutions.

Both programs use proven processes to reduce energy consumption, improve building performance and increase employee productivity.

Working with Schneider Electric, we can use programs like these to deliver a powerful combination of electrical distribution and building management solutions that drive down your energy costs.





## products and solutions

I&MS are able to offer a world-class set of product brands that can be custom-tailored to your facility needs.

Our global brands include TAC, Pelco, Andover Controls and Integral Technologies

Schneider Electric for your building management solutions via the TAC IA Series and TAC Vista that can combined seamlessly with the Continuum Security and Pelco CCTV Solution .





## automated metering solutions

IMS offer a complete range of metering solutions covering electricity, water, gas and heat meters

Additionally we offer a new era of meter reading — no more problems with difficult working conditions and lost time. Powerful radio and Bluetooth® technology make reliable, safe and fast meter reading possible by just walking or driving by. Complex consumption profiles can be created over the M-Bus, e.g. from the many consumption points in a complex.

IMS offers extensive and individual system solutions for every metering technique.

Experience totally new dimensions of cost-effectiveness





## Data Comms

Voice and data networks provide the backbone of your information systems. Now, more than ever, the fast, accurate and reliable transmission of data is vitally important as the demand for information increases.

With Clipsal Datacomms we have a proud tradition of supplying "the complete end to end solution" for your voice and data communications requirements. The breadth and depth of the product portfolio is impressive, starting with voice equipment, network switches and hubs, fiber optic products, cable management, structured cabling solutions, wall mounted and free standing cabinets, all the way through to the extensive range of copper and optic fiber cables.

You can rest assured that Clipsal Datacomms have everything you need for your specific data transmission requirements.

Standard Compliances

ETL VERIFIED

UL LISTED

DELTA CERTIFIED

PDI AUSTRALIA APPROVED

DIC APPROVED

ETISALAT APPROVED

DU APPROVED

Third Party Accreditation (NATA -Australia )  
for Lifetime Warranty







## facility management solutions

Today, facilities management systems are for achieving safety, livability, energy conservation, labor saving and improving customer service in an integrated environment effectively managing and controlling information

IMS has the answers by implementing the systems required:

By integrating all various process and procedures onto a single, intelligent network-based software solution

Using a centralized repository for all the property's assets, monitoring of budget/expenditure, maintenance records, management reports with KPI etc

Enhancing the response to tenant's feedback/response.

Automated tracking thereby improving customer service

Optimising Operating/Running costs

Improving Staff Productivity as the system can intelligently search for data more expeditiously. Staff have then more time to focus on other key issues

**TRiD!UM™**

**im**  
**i&s**  
**INTERNATIONAL**



## energy

### **Gas Turbines**

IMS are able to offer cogeneration, combined cycle power plants and combined cycle cogeneration project development services and related engineering design services.

A Combined Cycle Power Plant ("CCPP") also referred to as "Combined Cycle Cogeneration, is a natural gas (or diesel) turbine coupled with an electrical generator, together, referred to as a "genset." The exhaust heat from the gas turbine is directed to a waste heat recovery boiler ("WHRB") or heat-recovery steam generator ("HRSG"). The steam from the WHRB or HRSG may be directed to power a steam turbine genset or to an absorption chiller or to a desalination plant.

By capturing the waste heat of the gas turbine in a Combined Cycle Power Plant, and putting it to work, the overall thermal efficiency of the plant is increased.

**Kawasaki**  

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**Gas Turbines**





## alternative energy

Green energy in our life through nature

What is Green?

- Having continuous energy supply
- Saving Energy
- Improving profits
- Giving benefit to the world we live in by emitting less green house gases
- And above all , green is rewarding ourselves peace of mind.

Sun & Wind are the source of energies that are available in abundant, unfortunately we have never given a closer look. Solar energy, as generated from sun is present all over the world. Each sq. ft of earth can be a power generator

Mini Power stations can be designed and set up with ease in any location, be it for industry usage , commercial or residential usage. The power can be in the range of 0.5 MW - 10 MW can be designed and installed within a record time.

The Mini Power stations can also be captive power plants meant for a self use of a factory , commercial establishment etc.

## sample project references

Hotel



Al Murooj Complex, Dubai

Eight Residential Buildings plus a  
Five Star Hotel

System: BMS

Airport



Dubai International Airport

District Cooling Plants No. 3 &  
No.5

System: BMS

Government



Federal National Council  
Building, Abu Dhabi

System: BMS

Museum



Sharjah Aquarium

System: BMS / Data Comms

# sample project references

Retail



Bur Juman Complex, Dubai

4 Levels of Retail Area  
4 Levels of Car Parking  
Office Tower  
4 Apartment Blocks  
Hotel Apartment Block

System: BMS / Metering

Commercial



Stargate, Dubai

Multi-use family entertainment centre

System: BMS

Residential



The Waves, Dubai

Two Tower Residential Development

System: BMS

Residential



Burj Views, Dubai

Three Tower Residential Development

System: BMS / BTU Metering

# sample project references

Commercial



RAK Bank HQ Building, Dubai  
RAK Bank HQ Building, RAK

Bank Headquarter Buildings and  
Commercial Office Space

System: BMS / Data Comms /  
Leak Detection

Residential



Infinity Tower

Hi Rise Residential Tower

System: BMS

Residential



Al Nujoom Tower

Hi Rise Residential Tower

Systems: BMS / BTU Metering /  
Data Comms

Residential



Liwa Heights Hotel  
Apartments

Hi Rise Serviced Apartments

Systems: Data Comms

# sample project references

Commercial



DCCI Building

Dubai Chamber of Commerce  
Headquarters

System: BMS / Access Control

Healthcare



Al Razi Medical Centres

System: Access Control / CCTV

Healthcare



Aga Khan University  
Hospital

Systems: BMS/ Access Control/  
Data Comms / CCTV

Hotel



Sheraton Hotel, Karachi

5 Star Hotel

Systems: BMS /