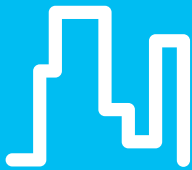


Schneider Electric solutions at a glance



Residential



Buildings



Industrial



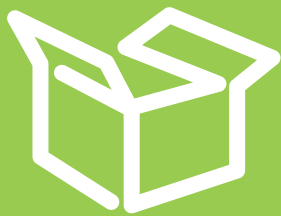
Energy &
Infrastructure



Data Centers
& Network



Oil & Gas



+



=



Schneider Electric
today technologies

Distribution network
expertise

For you 30% energy saving is achievable with today technologies.
Up to 40% of the potential savings for a motor system are realised by the Drives & Automation.
Up to 30% of the potential for savings in a building lighting system can be realised via the lighting control system.

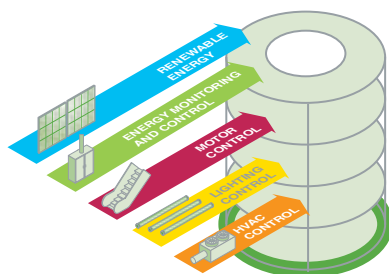
> Energy Management

Reduce electricity consumption and costs of a shopping centre



Solutions for medium and large buildings

up to 30%



Buildings renovation can yield up to 30% energy savings



Consume 20% of total energy



3 key areas: HVAC, lighting & integrated building solutions



Motors consume 35%+ of electricity

Enabling products

- **Lighting control:** Dimmers, Timers, Movement and presence detectors, Switches
- **HVAC:** Variable speed drives for HVAC pumps
- **Motor control:** Variable Speed drives
- **Energy management:** Power compensation and Filtering, Meters
- **Renewable Energy:** System for the production of Photovoltaic Energy

Management systems

- Building management systems
- Power monitoring and analysis

Added value services

- Site audits
- Data Collection and Analysis
- Financial Analysis & ROI Validation
- Planning of Improvement plan
- Remote monitoring and optimisation



Residential



Buildings



Industrial



Energy & Infrastructure



Data Centers & Network



Oil & Gas

> HVAC Control

Ensure effective operation
of a cooling tower fan



For each market,
there are simple solutions.

From infrastructure, to industry,
to buildings and residential.

Make the most of

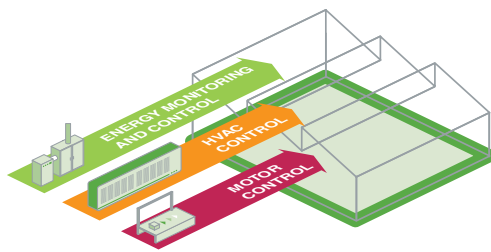
> Motor Control

Optimise water pumping



Solutions for industry and infrastructure

up to 20%



Industry & infrastructure: an average facility can reduce consumption by 10% to 20%



A 25% savings would save 7% of world's electricity



The largest consumer, motors account for over 60% of electricity usage



There is a positive correlation between Energy Efficiency and productivity

Enabling products

- **HVAC:**
Variable speed drives for motors
- **Motor control:**
PLC for production throughput optimisation and machine "mute" mode management, Variable Speed Drives
- **Energy management:**
Power compensation and Filtering, Meters

Management systems

- Power monitoring and analysis
- Process supervisory systems

Added value services

- Site audits
- Data Collection and Analysis
- Financial Analysis & ROI Validation
- Planning of Improvement plan
- Remote monitoring and optimisation

of your energy.

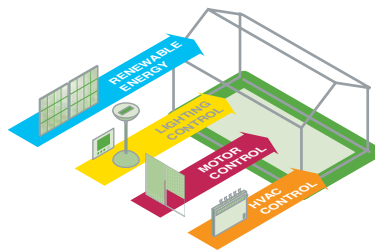
> Lighting Control

Optimise room lighting through the use of dimmers



Solutions for residential and small buildings

up to 40%



Residential EE solutions may save 10% to 40% electricity



20% to 25% of consumed energy (EU & US)



Heating is 30% of energy usage



Lighting & appliances are over 40%

Enabling products

- **Lighting control:** Dimmers, Timers, Movement and presence detectors, specific switches, Light sensitive switches
- **HVAC:** Metering, Programmable Time switches
- **Motor control:** Programmable Time switches, Variable Speed Drives
- **Renewable Energy:** System for the production of Photovoltaic Energy

Management systems

- Shutter control systems
- Lighting Control systems
- Home control systems

Added value services

- Remote control
- Multimedia control
- Alarm handling



Contact
Schneider Electric
for more solutions.

Energy Efficiency: a common concern!

Under the Kyoto Protocol, industrialised countries have agreed to reduce their collective emissions of greenhouse gases by 5.2% by 2012, based on the level of emissions for 1990.

Today electricity is the major contributor to greenhouse gases. Up to 50% of CO₂ emissions attributable to residential and commercial buildings are from electricity consumption.

Moreover, as domestic appliances, computers and entertainment systems proliferate; and the use of other equipment such as air conditioning and ventilation systems increases, electricity consumption is rising disproportionately to other energy usage.

And this trend is here to last unless we do something!

We are optimistic about the future and believe that it is possible to find solutions that allow us to fulfil our true potential while reducing our impact on the environment.

We can all achieve more while using less.



**That's why Schneider Electric
commits to help people make
the most of their energy!**



Your...

business depends upon the profitable manufacture of reliable, high quality products too satisfy your customers' exacting requirements.

Your main concerns are:

- Reductions in your overall costs.
- Safe operation & system.
- Local support & products availability.



We

help you to achieve this through:

- A manufacturer with high level of knowledge to understand your business issue.
- A comprehensive and consistent offer for all your application requirements, to provide flexibility and reliability.
- Extensive distribution and service network.



Schneider Electric is committed to help you, by providing the very best solutions based upon our wide experience in the residential, building, commercial & industrial, energy & infrastructure and oil & gas markets.

This experience, combined with the wide range of all Schneider Electric brands' products ensure that we understand your applications and are able to satisfy your requirements completely, from initial design concept.



...Our

Expertise, applied at each stage, will greatly improve the "whole life" performance of your system leading to complete satisfaction for you and your customers. With Schneider Electric you can talk to people that clearly understand you and your market needs. Our first concern is to listen to you in order to understand and facilitate a tailor made solution to all your issues.



Make the most of your energy

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