Energy Management System

ACCUENERGY Canada

Multi-Function Power Meter

- **UL & cUL Certified**
- **Accuracy Class 0.5s & 0.2s**
- **Front Panel Protection IP54**
- **Power Quality Analysis**
- **Over/Under Limit Alarming**
- **MAX & MIN Record**
- **Input & Output Modules**
- **Multi-circuit metering system**
- **Up To 16MB Internal Memory**
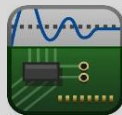
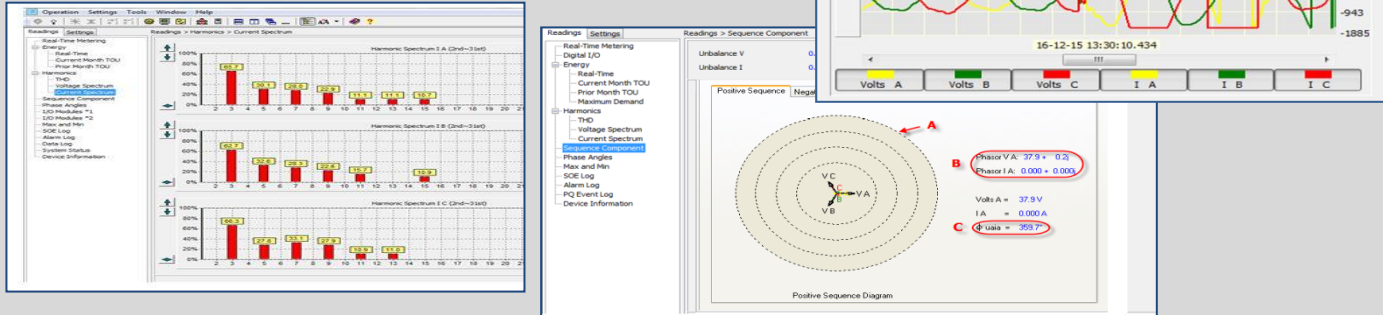ACCUENERGY

We Can Provide a Ready To Use Complete Metering Solution

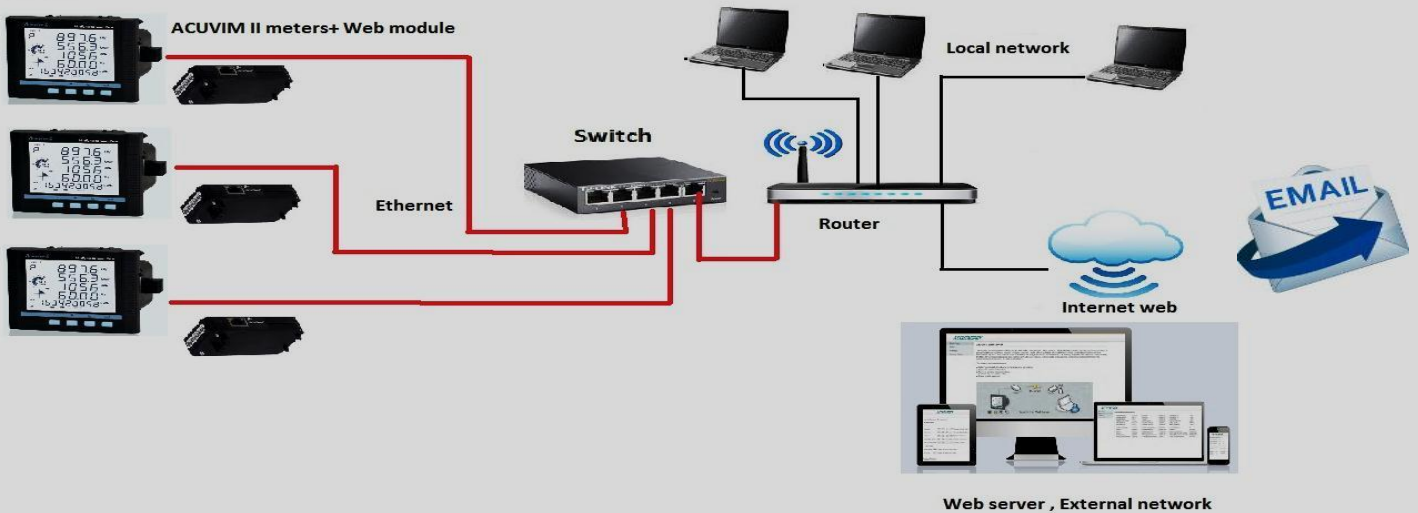## Yes we can … As we aware

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Free Data logging software

❖ **PC software interface provides a simple tool for Remote real time monitoring & setting**

Network communication

❖ **Worldwide monitoring Via WEB modules**

ACUVIM II meters+ Web module

Local network

Switch

Ethernet

Router

EMAIL

Internet web

Web server , External network

Web Based Professional Software

❖ **real time energy monitoring, measurement and reporting**

❖ **Detect energy saving opportunities**

NEWTEK ELECTRICALS INDIA

Digital Meters

- ❖ Measure VL-N, VL-L, I line, , I n, P, Q, S PF, F, Max P_demand, Ep, Eq, Es
- ❖ Compact size and reading with highest brightness

Energy Pulse LED

RS485

Communication LED for MODBUS

Analog Load Bar Graph

Current transformers

- ❖ Measurement and protection type CT's
- ❖ Nylon flame retardant casing
- ❖ Wide measuring range up to 6 KA primary current
- ❖ Accuracy class 0.2, 0.5 & 1 on request & up to 20 VA
- ❖ Light weight due to high magnetic core material

ALCE
TRANSFORMING SUPPORTING

TURKEY

MV voltage and current transformers

- ❖ **Current transformer operating voltage up to 36 KV**
- ❖ **Rated primary current up to 4000A / 5A or 1A**
- ❖ **Accuracy class 0.2-0.5- 1.0 with rated burden 5 – 10- 15- 20- 30- 40 VA**

EED

SENECA ITALY
AUTOMATION INTERFACES
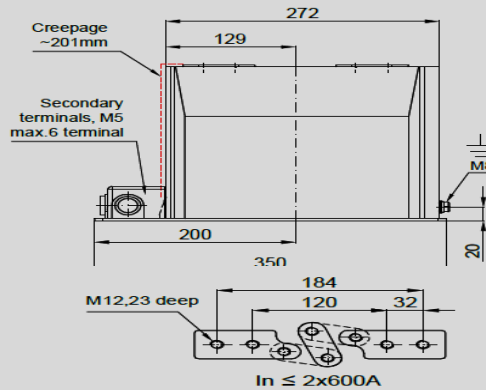
Electrical Power transducers

- ❖ **AC/DC Single and three phase network analyzer**
- ❖ **Measurement of Irms, Vrms, Watt, Var, Frequency, Cosφ,, Energy, THD, min and Max of all RMS measurement**
- ❖ **Output 0/4-20 mA / 0-10 V standard analog signal**
- ❖ **RS-485 Modbus communication and alarm contact output**
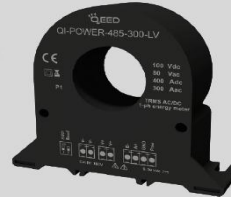
Monitoring System

Signal Sensors

❖ Temperature sensors (RTDs, TC, NTC, PTC …)

❖ All mounting types (air, duct, wall …)

❖ Field signal transmitters (Pressure, Humidity, Level, flow, speed …)

Signal Recorders

❖ Up to 48 Channels

❖ Expansion modules of input & output

❖ Internal flash memory up to 256 MB

❖ Historical & real time viewer software

Digital Indicators

❖ Universal Signal indicator & totalizer

❖ 4, 6, 8 display digit

❖ Alarm relay output

❖ Analog signal transmission

Scada monitoring system

❖ Monitoring SCADA system

❖ Alarming system

❖ Control & management system

Yes we can … As we aware

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Monitoring System

Sensing

Sensing elements for all physical quantities (Temp, pressure, humidity, flow, speed,…etc.)

- High accuracy & quality sensing elements
- Mounting: air, duct, wall…etc.
- With/ without display
- Proximity, PNP, Namur, photoelectric …
- Transmitters for (Temp, humidity, etc.) sensors

SENECA AUTOMATION INTERFACES — **ITALY**

FEMA MANUFACTURING FOR INDUSTRIAL AUTOMATION — **spain**

orbit merret — Czech Republic

Indicating

High performance compact panel indicators for continous monitoring of all your system signals

- Universal Analog/Digital input indicators
- Bar graph indicators – totalizer function
- Available 4, 6, 8, 11 digits displays
- Plug & play Configurator software
- Alarm outputs & retransmission signals

Yes we can … As we aware

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Monitoring System

Recording

BrainChild Taiwan
BRAINCHILD ELECTRONIC CO., LTD   THE HEART OF ASIA

Recorders with expandable input/output modules up to 48 channels

- Panel mounted paper& paperless recorders
- Math, Counter, Totalizer functions
- High resolution touch screen
- Historical & real time viewer
- Bar graph, Chart & Digits display
- Ethernet port TCP/IP Web server, Email

Scada

mIKRODEV TURKEY
Akıllı Kontrolde Teknoloji Devi

BrainChild Taiwan
BRAINCHILD ELECTRONIC CO., LTD   THE HEART OF ASIA

SCADA is the solution for industrial automation. It enables you to achieve monitoring and controlling your plant operation remotely

- Compatible with Windows, Linux & MacOS
- Events and alarms real/history monitoring
- WIFI, GSM & Ethernet connection
- Advanced SCADA editor
- Users with different authorization levels
- PLC+HMI combined with I/O modules

Signal converters

- ❖ **Universal analog/digital input signal converter**
- ❖ **Data logging via USB into standard csv files**
- ❖ **Accuracy class 0.1 % FS**
- ❖ **Analog / Digital/ Relay output**
- ❖ **AC/DC power supply**
- ❖ **Approval   CE, UL-CSA**

Special converters

- ❖ **Universal Analog signal duplicator (splitter)**
- ❖ **2 analog signals adder/subtractor**
- ❖ **Single , Double & Triple Trip alarm modules**
- ❖ **Universal current / voltage converter and analyzer**
- ❖ **Compact Signal Converters isolators (6.2 thickness) mm)**
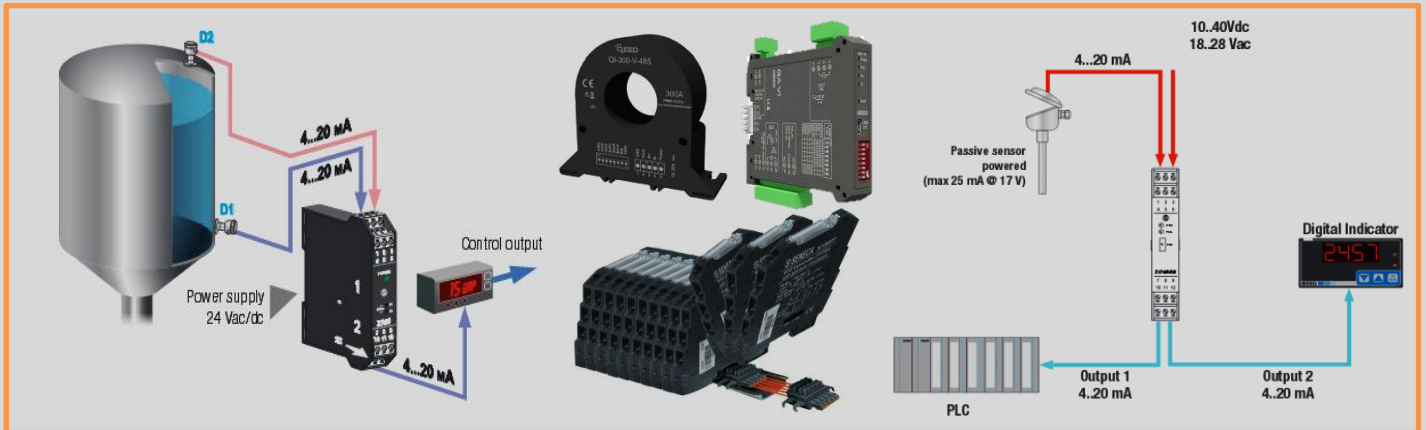
Process controller

- ❖ **Different control forms (On/Off, PID, Fuzzy PID).**
- ❖ **Accepting different process input signals.**
- ❖ **Different outputs (Relays, SSR drive, Analog signals).**
- ❖ **Availability of communication ports.**

Signal Management

Control system MIKRODEV TURKEY

PLC control system is cost effective solution for automation systems

- ❖ **Easy programming using FBD interface**
- ❖ **Digital & Analog inputs / outputs**
- ❖ **Expansion modules up to 640 DI/O and 96 AI/O**
- ❖ **PID, auto-tuning feature and analog mathematical operations**
- ❖ **Remote monitoring & control for distributed systems (RTU- SCADA systems)**
- ❖ **WI-FI modem, GSM (SMS send/receive, accept calls, make calls)**
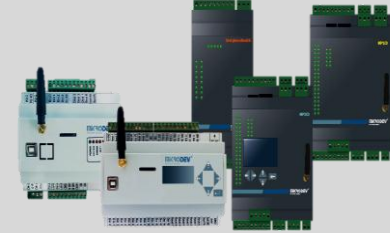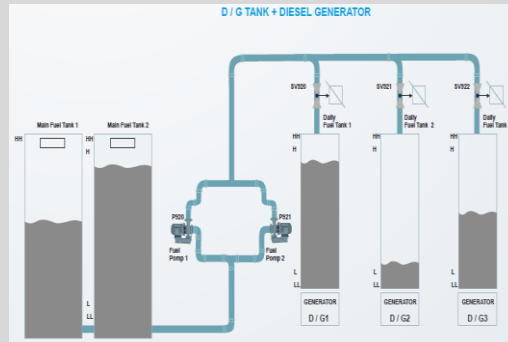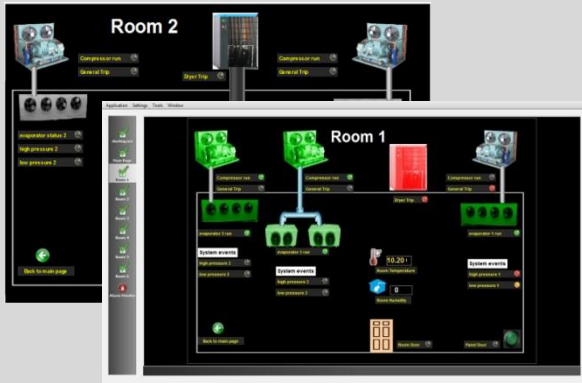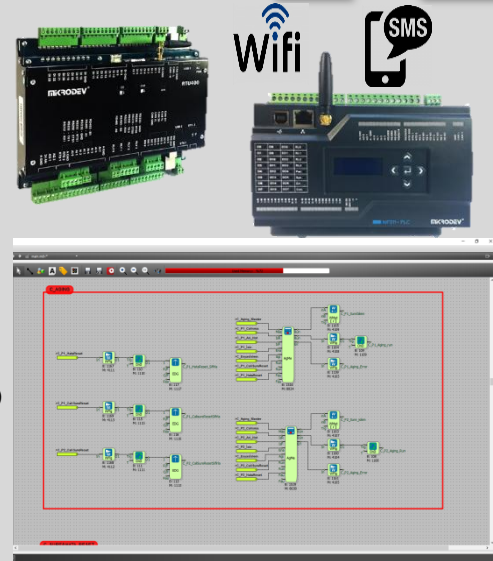
I/O's & Communication Modules

- ❖ **I/O slave Modbus RTU system (multichannel)**
- ❖ **I/O modules (universal AI, universal DI, AO, DO, RO …etc.)**
- ❖ **Isolated serial converters**
  - - **MODBUS RTU/TCP-IP**
  - - **Bluetooth to RS485 Repeater**
  - - **RS485-USB**

Yes we can … As we aware

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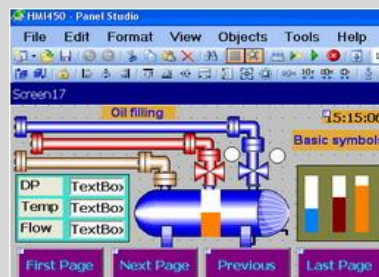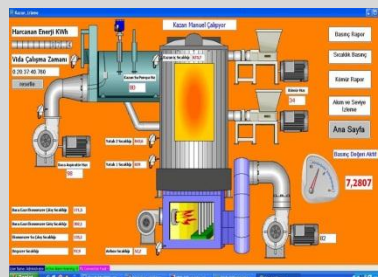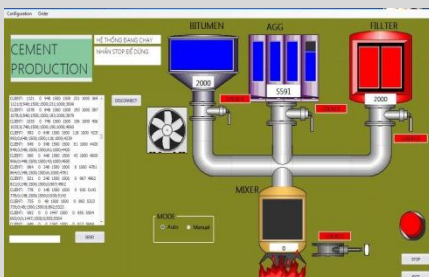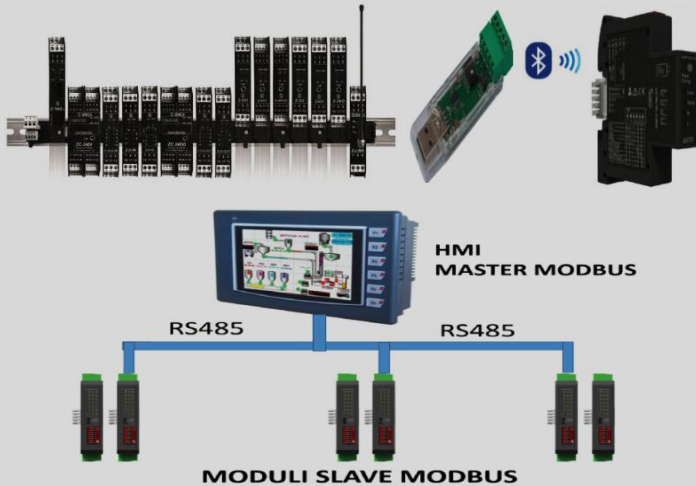
Supply

ACFET Company supplies a wide range of products.

- ❖ Panel components (Circuit breakers, Contactors, Over loads, Timers, Protection relays, Terminal blocks, Bus bar isolators, Cable glands, Cable lugs, Indication Lamps, Push buttons, Selector switch…etc.)
- ❖ AC induction motors, Vibrator motors, Geared motors, Gear boxes and Motor speed drives.
- ❖ Ball valves, Gate valves, Butterfly valves, Globe valves & Solenoid valves.
- ❖ Pneumatic equipment, Cylinders & Air filter regulators.
- ❖ Gas equipment (Pressure regulators, Pressure switches, Solenoid valves, Gas detectors, Gas filters, Safety Valves …etc.).
- ❖ Hoses, Steam traps, Expansion joints, Level control gauge for boilers …etc.
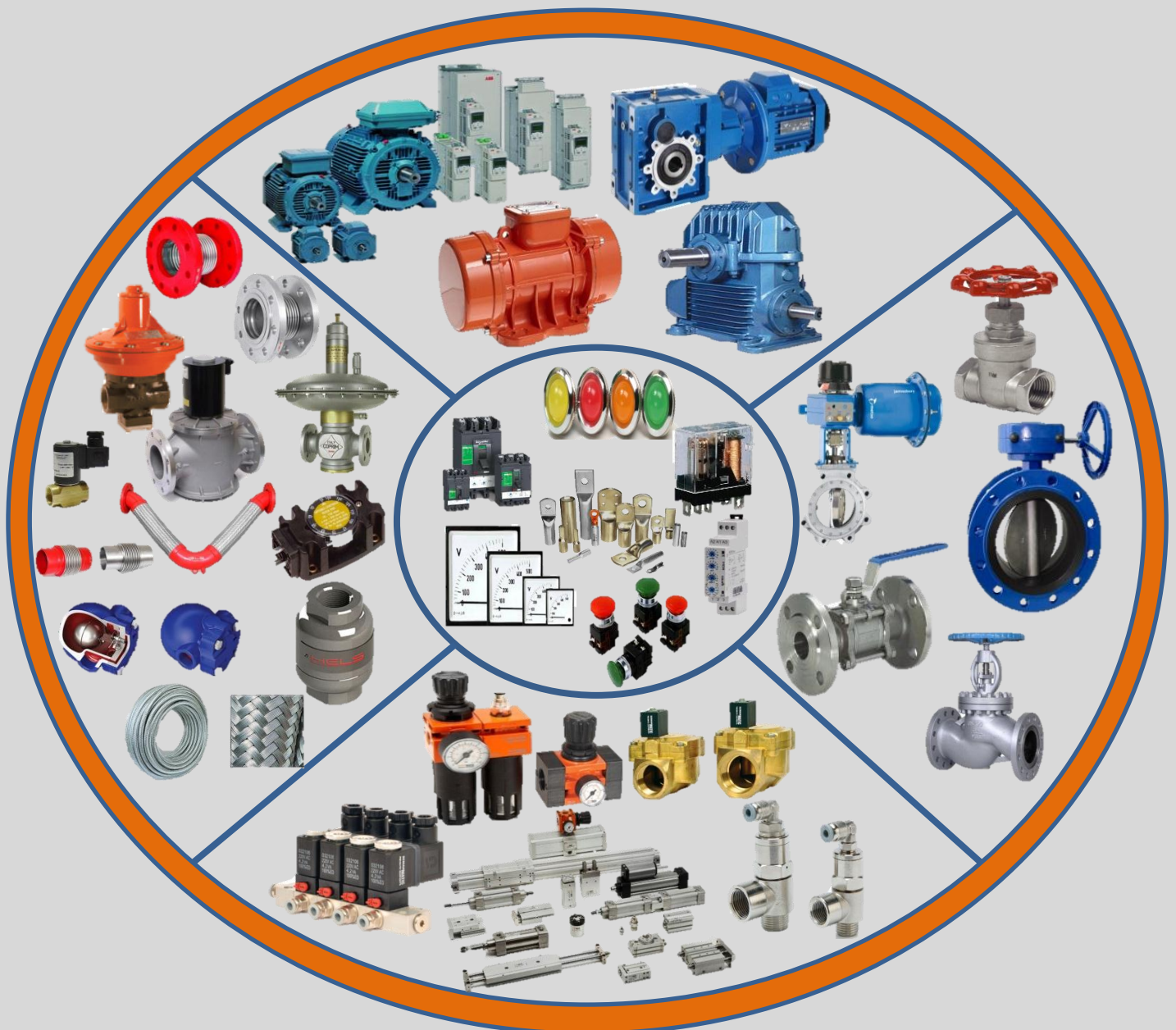
Projects

ACFET is certified from "**The Egyptian Federation for Construction & Building Contactors**" as Electro-Mechanical Contractor with high capabilities to execute the electromechanical works with high performance and quality.

Awareness of the past, present and future trends enable us to perform tasks best suited to the objectives of the clients.

❖ Electrical installation works

Our expert's team can provide design and engineering support to ensure the services in your project are working at their best. They are qualified in a wide range of construction and engineering disciplines and will help ensure quality projects are completed on time and to budget.

❖ Planning, Designing and Engineering Services.

❖ Installation, Testing & commissioning Services.

❖ Operational & Maintenance Services.

We have a team-oriented engineering and solutions firm where everyone lends their skills and expertise to develop the best outcome for engineering documents including conceptual designs, construction drawings, details, schedules, and as-built drawings.

Our team of high skilled professionals fully equipped with tools, test equipment and vehicles are available all the time to respond and ensure that any downtime or disruption will be kept minimum.

Yes we can … As we aware

❖ Motor control center MCC panels
All types (star/delta, soft starter, motor speed drive…etc.)

❖ Control Panels

We are devoted to providing the best engineering services available to meet the needs of your project in every possible way.

Contacts

Contact us for any support

www.acfet-eg.com

www.facebook.com/acfet.egypt

+2012102033785

Administration Department

info@acfet-eg.com

Sales Department

sales@acfet-eg.com

Sales Support Department

support@acfet-eg.com

Development Department

development@acfet-eg.com

Your Direct Contact

Business Card

Notes

Yes we can … As we aware   **Sales@Acfet-eg.com**

About Us

- ❖ **A**wareness **C**ompany **F**or **E**ngineering & **T**rading **"ACFET"** is an Electro-Mechanical Supplier & Contractor.
- ❖ Although **ACFET** was founded in 2013 but it based on more than 25 years' experience in the Egyptian market due to its founders background.
- ❖ Since it's born **"ACFET"** was a very fast grown company depending in that on providing its customers with the high quality products and services which reflected with a very good reputation in the market and a very strong relation with the customers.
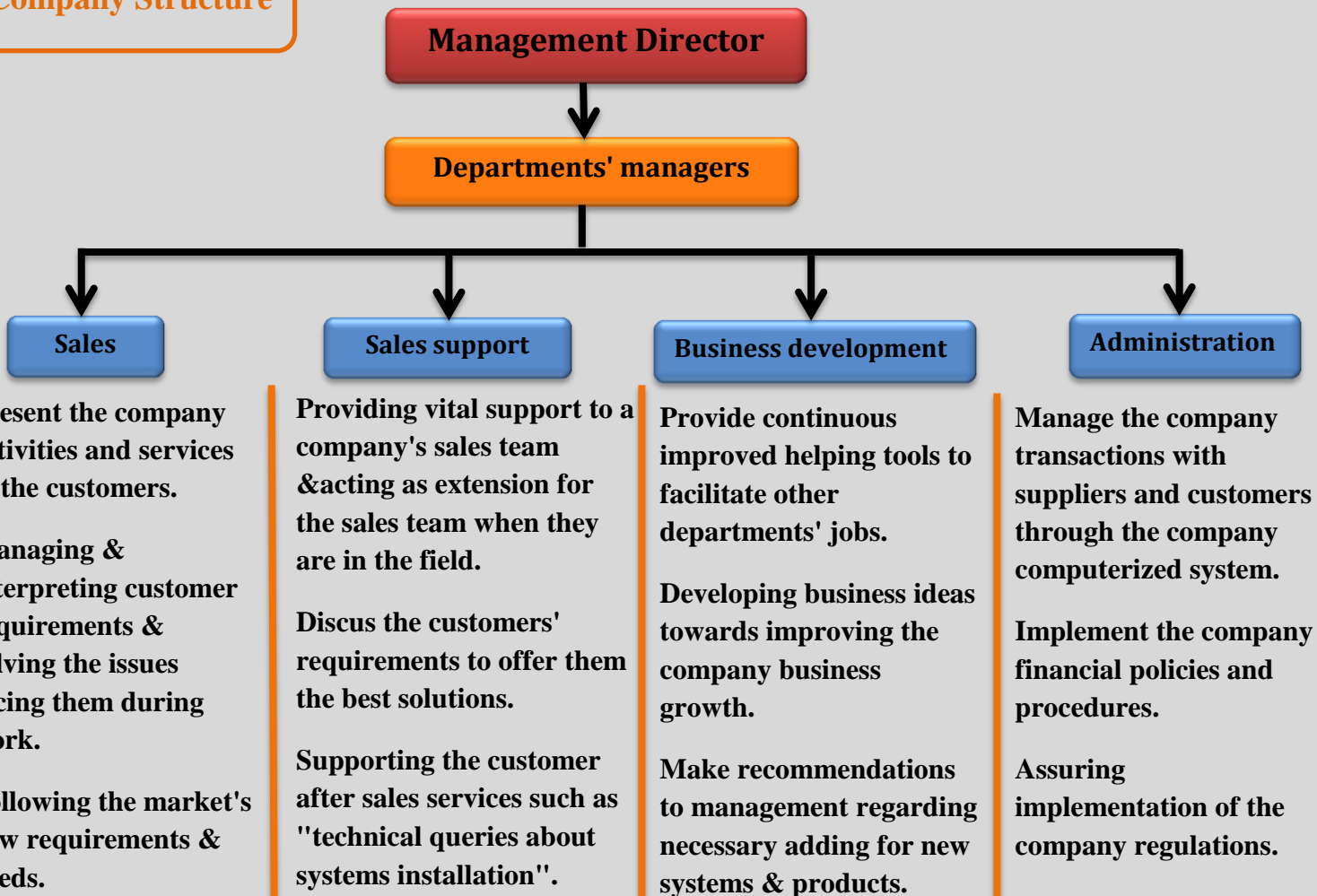
Our Vision

From our company name, we took our vision, as we believe that we are **AWARE** of what our customers need and we are looking forward to be one of the leading companies in our field   by being more aware of more and more customers' needs and by satisfying these needs.

Our Mission

To provide our customer with a high quality products and services in a way that not only satisfies his needs but, satisfy his desires.

Company Structure

Management Director

Departments' managers

Sales	Sales support	Business development	Administration
Present the company activities and services to the customers.	Providing vital support to a company's sales team &acting as extension for the sales team when they are in the field.	Provide continuous improved helping tools to facilitate other departments' jobs.	Manage the company transactions with suppliers and customers through the company computerized system.
Managing & interpreting customer requirements & solving the issues facing them during work.	Discus the customers' requirements to offer them the best solutions.	Developing business ideas towards improving the company business growth.	Implement the company financial policies and procedures.
Following the market's new requirements & needs.	Supporting the customer after sales services such as "technical queries about systems installation".	Make recommendations to management regarding necessary adding for new systems & products.	Assuring implementation of the company regulations.

Yes we can … As we aware

Sales@Acfet-eg.com

Our Reference

We are proud to serve those well-known companies who are relying on us.

It will be our honor to add your Logo to our Reference List