

**WITH US  
YOU'RE NOT ONLY A CLIENT  
YOU'RE A PARTNER TO CREATE VALUE**



***CAC solution for your benefits***



Contact us:

**CAC Corporation**

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# Company Profile



## About us

CAC Company Ltd. (CAC) founded in 1995, we are originally an industrial Electrical & Automation system integrator in Vietnam. Nowadays CAC is growing to become the most admired and trusted EPC contractor.

For 15 years expertise of engineering service, we have earned solid reputation for quality, safety, and on-time delivery. We are proud of the achievement and are confident to maintain the leading role in local market, specialize in turnkey projects for industrial process plants including Cement, Chemical, Food & Beverage, Fertilizer, O&G, Water Treatment ... etc.



- **Established: 1995**
- **Order income 2008-2009: 30 millions USD**
- **Head office: Hochiminh City, Vietnam**
- **Rep office: Hanoi, Vietnam**
- **Business Activities:**
  1. EPC Contractor
  2. Totally Integrated Automation Solution Provider
  3. Totally Integrated Power Solution Provider
  4. Distribution Activity, Industrial Material Trading



## VISION

**Creative to**  
Develop innovative solution to build a green industrial world

## MISSION

**Association to**  
Provide customer professional solutions, products, and services with stable quality as customer's demand.  
Bring to customer highest additional values and distribute our value to develop Vietnamese and regional industry.  
Build investment value for customers, partners, and owners based on professionalism, integrity, and equality.

## OBJECTIVES

**Commitment to**  
Become one of the leading companies of total industrial solution providing in Vietnam and region with high technique, advanced technologies and professional after-sales service.  
Provide services along the entire lifecycle of our customers investment.  
Together we build CAC a strong, leading, and trusted Solution Provider in Vietnam.

## ORIENTATION

CAC leaders well-understood that in order to stay in leading position, CAC must keep our commitment to provide professional service and highest quality solution to customers. All CAC's members have to master and respect value of the relationship with customers, team-works spirit, professional knowledge and company's goal, mission.  
Furthermore, we will provide professional services and highest added value to current customers, and expand our market based on our experiences, knowledge, and the customer's demands and benefits.





# Value

Our percept is "CAC solution for your benefits", CAC always provides to customers solutions, products and services which satisfied all customer's demands. With more than 15 years and deep knowledge in providing solution and doing project in industrial field, CAC has won a leading position in order to help the customer to concentrate in maximize their activities and achieve their effective production.

The values which drive our activities guarantee for our success include:

### CUSTOMER'S SATISFACTION:

One of the precepts from the beginning days of the CAC is to ensure the full satisfaction of customers. **ISO 9001 certificate** which CAC was awarded in 2001 is an important point for keeping improvement and perfecting our products, services and solutions.

### WHOLE – HEARTED SERVICES:

CAC always devotes our resource to satisfy our customer's requirements. We always obey our customer's demand and our knowledge, experience to provide the best products, services and solutions.

### HIGHEST STANDARD:

With our quality policy "Provide to customers products, services and solutions in order to ensure quality as commitment "All CAC's members have to master and respect value of the relationship with customers, team-works spirit, specialty knowledge and company's goal, mission. All our experts had been trained and worked in hi-tech leading countries in the world. CAC ensures that all our products, services and solutions are always controlled professionally from receiving order step to carry out step, transfer and technical support after sale-service.

### ADVANCED SOLUTION:

CAC brings knowledge and experiences combined with products to world-wide hi-tech leading companies to provide the total solution as customer's business request.

### SHARING KNOWLEDGE:

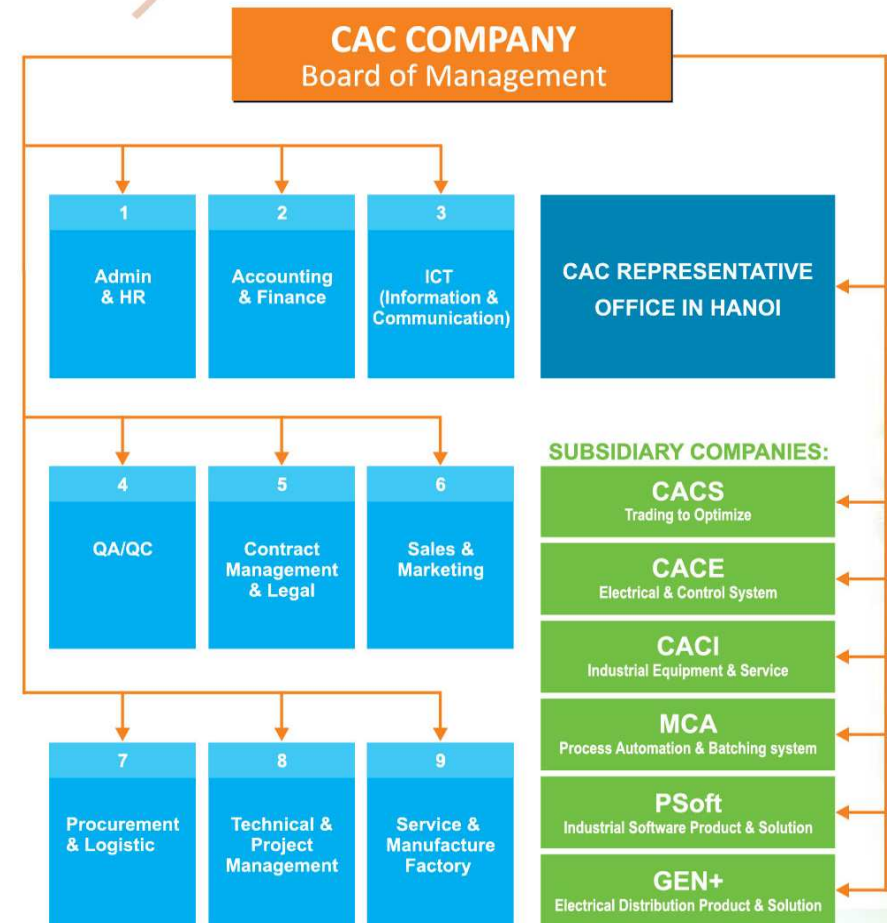
CAC understands that a part of our knowledge and experience technique is belonged to human, and the sharing knowledge will bring the biggest profit to customer, individuals and our company. The management system and sharing knowledge of our company had been built in order to ensure the experience and the best solution will be shared by the experts and our employees in order to achieve the customer's demand.

Satisfaction Guaranteed



# Organization

CAC build an organizational model, which is modern, efficient and distinctly active culture in Vietnam industrial market. We always work with concept "CAC solution for your benefits" in order to build up customer's success.





With rich experience and strong knowledge in automation field as well as creative, practical master of our young team and the capability to integrate system using most advanced solutions from world-wide famous suppliers, CAC is capable to provide the most appropriate solution with the best practicability as well as devote our professional technical service in order to adapt customer's demand and minimize the cost for them.

## DIFFERENCES:

### A LEADING COMPANY:

#### ■ CAC is the first Vietnam company

- Supply the automation system for offshore oil-rig (VietsovPetro, 1995).
- Supply EP package to build a NPK fertilizer plant in Africa market (StepC, in Ivory Coast, 2000).
- Supply complete electrical & automation package to build new cement plants (DongBanh, HoaPhat, 2007-2008)
- Was awarded an EPC contract to build a complete Cement plant (NamSon, 2007).

#### ■ CAC is the only one company in Vietnam

- Has supplied the complete DCS control system for 03 plants of UniLever in Vietnam (2000, 2004 & 2010).
- Has served electrical & automation service for 04 plants of Holcim Cement.
- Has supplied the complete DCS control system with more than 3,500 I/Os (2008).

### A TRUSTWORTHY PARTNER:

CAC is the only partner having a strong and longterm relationship with leading & well known corporations in the world.

- Authorized System Integrator of Siemens, Rockwell Automation, Schneider Electric
- Authorized Distributor of Invensys-Foxboro, Rittal, Sartorius Weighing, Phoenix Contact, CTC
- Licensed Panel Builder of General Electric (GE)

### AN ADVANCED TOTAL SOLUTION:

CAC leverage customer's success with total solution as business demand of each enterprise, through the technique and the most advanced solution of the many leading industry provider in the world.



CAC business's strategy is to take full advantage of most opportunities to minimize the risk and bring into playing the competitive advantages and strength that helping us to have a leading position in Vietnamese automation field.

### UNITED TEAM:

CAC is a young, dynamic with all members possess full enthusiasms, understand and master working method in order to achieve target and orientation of company. Leader and employees are ready to confront with all technical challenges and creative solution to adapt well all demands of customer in Vietnam.

### EFFECTIVE MANAGEMENT AND DYNAMIC CULTURE:

With dynamic structure, professional, effectively, we ensure our spirit and CAC's culture will be mastered by all CAC's members. Leaders of CAC understand that the value and encourage the creative potentiality, dynamic, effectively working method of all members.

### MODERN MATERIAL FACILITIES:

CAC have apported the resource and essential material facilities in order to adapt customer's demands. Being one of the leading system integrator, we know the important of the high technical environment to achieve our mission. We are proud to provide services to customers with our international resource and material facilities.

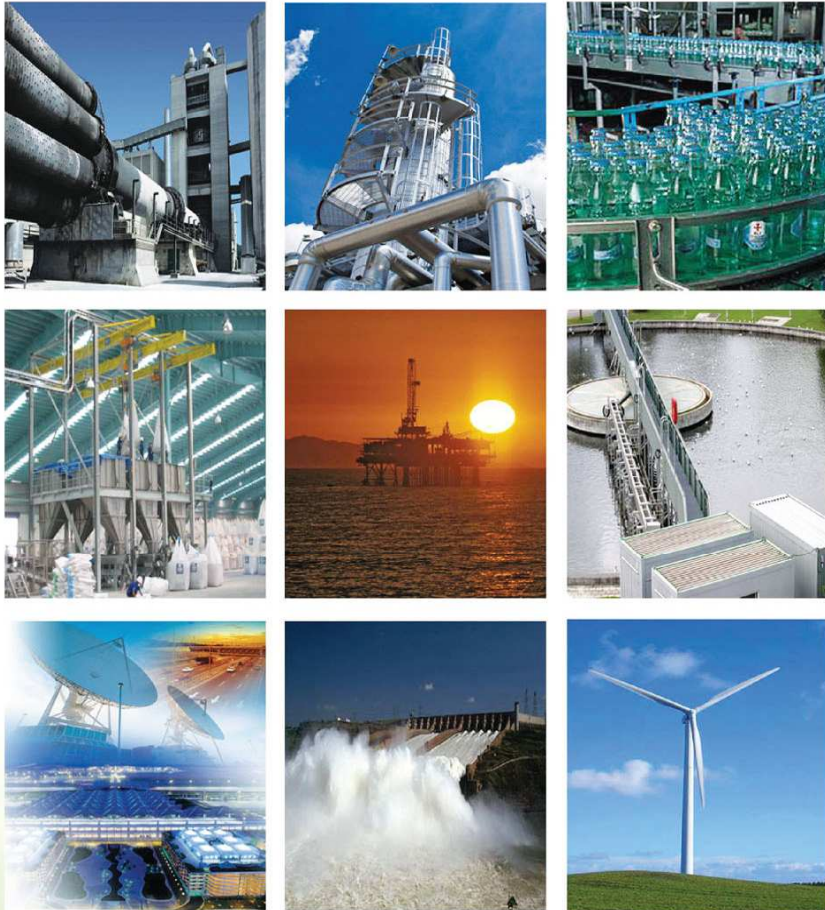
### PREEMINENT COOPREATE STRAGERY:

CAC develops to a high degree of a leading system integrator in Vietnam through the cooperation strategy with local and foreign companies. CAC has built the relationship with many leading technical groups in order to make the total solution in many national projects.

### TECHNICAL INFORMATION:

The most value asset of CAC is the high expertise in the technical aspects. This is the most important thing that help us to develop out competitive advantages to other in automation field. Our technical team includes specialists and technicians who have been trained and worked at Germany, Singapore, Malaysia, Thailand, France, Hong kong, Vietnam





### VietsovPetro JSC

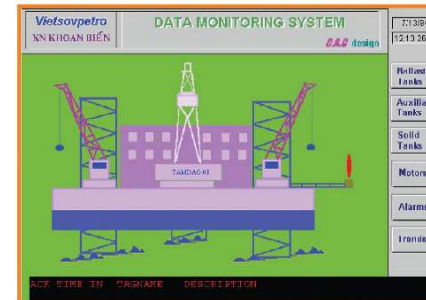
- Oil & Gas Explored Platform Data logger for PVD Flow meter MR-350;
- Jack up Drilling Platform Monitoring System for Tam Dao Jack-up Platform. S5-115U/95U, FIX DMACS, Instruments;
- Jack up Drilling Platform Monitoring System for Cuu Long Jack-up Platform SLC500, RS View 32, Instruments
- Oil & Gas Exploit Platform Gas Lift System S5-155, S5 - 135 PLC, FIX DMACS. Commissioning Service
- Oil & Gas Drilling Platform Drilling Instrumentation System
- Oil & Gas Industrial Onshore Scada
- FIX DMACS Server, 20 Workstation of PlanTV – Intellution
- Upgrade MMI Software to solve Y2K Problem for Tam Dao and Cuu Long Jack up Platform
- Onshore Scada Project with Fix Dmacs Fullfunction Scada on Server and 20 Plan TV license on 20 Workstations
- Fire and Gas Detection System, Control and Monitoring System for Living Quarter in White Tiger Field: installation, commissioning, start up

### Petrovietnam Drilling & Well Services Corporation

- Maintenance Service for PLC & SCADA of CGCS

### VietGas

- Offshore Platform Monitoring System.



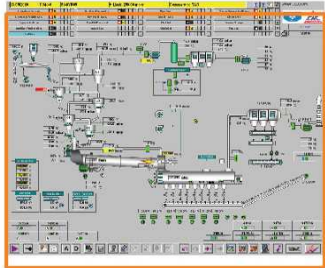
**YOUR RIGHT PARTNER**  
**TO DEVELOP INDUSTRIAL PROJECTS**

Other customers: Shell, BP, Petrolimex...



# Project Experience

## Cement Industry



### 1. Greenfield projects:

**Project name:** NAM SON Cement Plant  
**Location:** Ha Tay Province, Vietnam  
**Description:** Greenfield Cement Plant, 1,200 tons clinker/day  
**Scope of work:** EPC Contractor  
 Supply of Engineering; Procurement of Equipment, Technical Materials, Technical Services; Construction and Erection

**Project name:** DONG BANH Cement Plant  
**Location:** Lang Son Province, Vietnam  
**Description:** Greenfield Cement Plant, 2,500 tons clinker/day  
**Scope of work:** Complete Electrical & Automation Package

**Project name:** HOA PHAT Cement Plant  
**Location:** Ha Nam Province, Vietnam  
**Description:** Greenfield Cement Plant, 2,500 tons clinker/day  
**Scope of work:** Electrical & Automation Package

**Project name:** HOLCIM Thi Vai Grinding Terminal  
**Location:** Ba Ria - Vung Tau Province, Vietnam  
**Description:** Greenfield Grinding Terminal, 1,400,000 tons/year  
**Scope of work:** Automation Package

### 2. Upgrading projects:

**Project name:** HOLCIM Hiep Phuoc Grinding Terminal  
**Location:** Hiep Phuoc Industrial Zone, Nha Be, HCMC  
**Description:** Grinding Terminal, 1,000,000 tons/year  
**Scope of work:** Upgrading Center Control System

**Project name:** CHINFON Hiep Phuoc Grinding Terminal  
**Location:** Hiep Phuoc Industrial Zone, Nha Be, HCMC  
**Description:** Grinding Terminal, 500,000 tons/year  
**Scope of work:** Upgrading Center Control System

**Project name:** HA TIEN II Cement Plant  
**Location:** Kien Giang Province, Vietnam  
**Description:** Clinker plant, 1,400,000 tons/year  
**Scope of work:** Upgrading Center Control System

**Other customers:** Ha Tien 1, Holcim Cat Lai, Holcim Hon Chong, Luksvaxi, Huu Nghi, Tuyen Quang, Cam Pha...

# Project Experience

## Complete Electrical & Automation Solution

- The 110kV main power station
- Power stations for workshops – Medium & Low voltage stations:
- Diesel generator, stand-by power distribution system and accessories.
- Grounding and lightning protection system and accessories for installation.
- Air-conditioning, ventilating system and accessories for power works, operation office and utilities.
- The lighting system
- Communication and radio broadcasting system.
- Fire detecting and alarming system
- Starters for Medium Voltage Motors
- Plant control system consists of:
  - + Distributed Control System - DCS
  - + Optimum control system, design system
  - + Quality Control System
  - + Scanner for Kiln
  - + Information management system
  - + Industrial television system
    - CCTV
    - High temperature Camera
  - + Measurement system
    - Instrumentation (Temperature, Pressure, Level, Switch...)
    - Aggregate proportions supervision system – X-Ray machine
    - Gas analyzer system
- Spare parts of power equipment and control device.
- Supply of significant tools for installation, adjustment, operation and maintenance of power equipment and control device.
- Training & Hand over.





# Project Experience

## Chemical Industry



**Project name:** UNILEVER Shampoo Plant  
**Location:** Thu Duc, Hochiminh City, Vietnam  
**Project period:** 2001  
**Description:** New Shampoo Plant, 2.5 tons/batch  
**Scope of work:** Automation Package, Weighing System

**Project name:** UNILEVER New Shampoo plant  
**Location:** Cu Chi, Hochiminh City, Vietnam  
**Project period:** 2004  
**Description:** New Shampoo Plant, 5 tons/batch  
**Scope of work:** Automation Package (DCS & Batching), MCC, Cable & Weighing Package.

**Project name:** UNILEVER Homecare Liquid Plant  
**Location:** Cu Chi, Hochiminh City, Vietnam  
**Project period:** 2010  
**Description:** New Homecare Liquid Plant  
**Scope of work:** Electrical & Control System (Pre-weight Barcode, Air compressor, Electrical, Cable system & DCS Control system).

**Project name:** ICI Paint - Phu Dong project  
**Location:** My Phuoc 2 Industrial Zone – Binh Duong Province, Vietnam  
**Project period:** 2006  
**Description:** New Paint manufacture plant  
**Scope of work:** Supply, installation, calibration and commissioning of load cells, truck scale and weigh scales. Tank monitoring system.

**Other customers:** Rhone –Poulenc, DACCO Song Be, ICI Paint Vietnam...

# Project Experience

## Fertilizer Industry



**Project name:** NPK Bulk Blending Plant  
**Client:** STEPC Fertilizer Company  
**Location:** Ivory Coast  
**Description:** New NPK Fertilizer Plant  
**Scope of work:** Main Process Package (EP), supply complete system included Technology Design, Mechanical & Electrical equipment supply, instruct for Installation & Commissioning.

**Project name:** YARA NPK Bulk Blending Plant  
**Client:** YARA Vietnam  
**Location:** Ba Ria - Vung Tau Province, Vietnam  
**Description:** New NPK Fertilizer Plant  
**Scope of work:** Main Process Package (EP), supply complete system included Technology Design, Mechanical & Electrical equipment supply, Installation, Commissioning & Hand over.

**Other customers:** Baconco, BariaSer-  
 ece, Long Thanh Fertilizer, Binh Dien 2  
 Fertilizer...



# Project Experience

## Food & Beverage



**Project name:** Phu Bai Brewery Factory - Carlsberg  
**Client:** Hue Brewery Ltd – a Joint Venture of Carlsberg  
**Location:** Hue Province, Vietnam  
**Description:** New built Brewery Plant  
**Scope of work:** Complete Electrical Package (supply, installation & commissioning Electrical Distribution system, Generator, Cable...)



**Other customers:** Pepsico, Nestle, Honchuan...

**Project name:** Tribeco Beverage Plant  
**Client:** Tribeco Beverage JSC  
**Location:** VSIP, Binh Duong Province, Vietnam  
**Description:** Phase 1 - New Soya Plant and Phase 2 - New Tea Plant  
**Scope of work:** Complete Electrical Package (supply, installation & commissioning MV-LV Electrical Distribution system, lighting, communication, data and monitoring system, Cable...)



SIEMENS



Partners

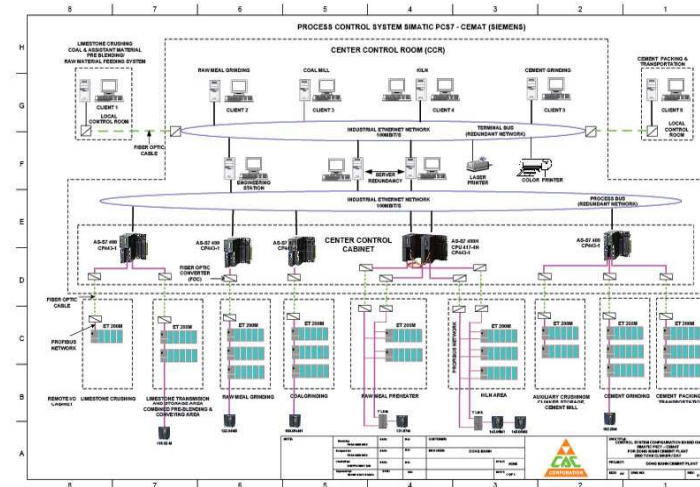
invenSYS  
Operations Management

Rockwell  
Automation

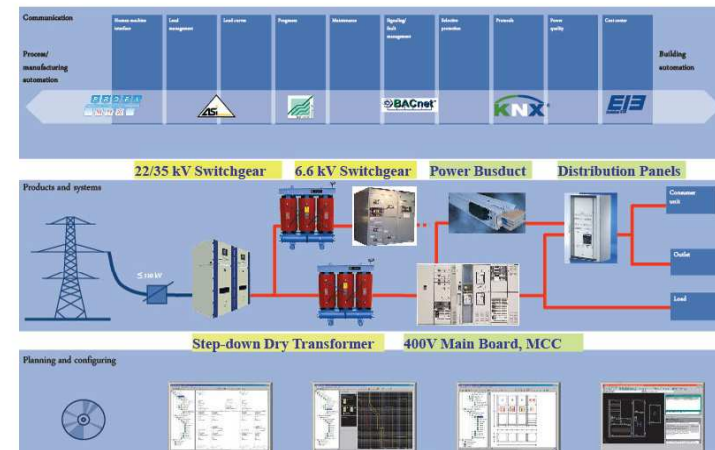


Schneider  
Electric  
Building a New Electric World

### Totally Integrated Automation



### Totally Integrated Power



## Water

**Project Name:** TAN AN Water Plant  
**Client:** Kruger AG - Denmark  
**Location:** Tan An, Long An province  
**Description:** Water Supply Plant  
**Scope of work:** Electrical, Cable & Control system Installation



**Project Name:** PEPSICO WWT Plant  
**Location:** Binh Duong Province  
**Description:** Water Treatment Plant  
**Scope of work:** Control System

**Project Name:** VINH LOC IZ WWT Plant  
**Location:** Binh Chanh District, HCMC  
**Description:** Water Treatment Plant  
**Scope of work:** Control System

**Other customers:** Nhon Trach Industrial Zone, Saigon Pearl Building, Perfetti Van Melle Vietnam...

