

Bangkok Automation Engineering Co., Ltd

Company Profile

Establishment date: 1st November 2001

ABOUT OUR COMPANY

At BAE We believe in one quote that said "Automation applied to an inefficient operation will magnify the inefficiency." This automation quotes eloquently sums up an important message that inspired us about how we work and how important the final result is.

OVERVIEW

We offers complete services in the field of automation control for technology and processes from system design, implementation including assembly, software, and supervisory structure.

Our flexible organization has versatile capabilities as well as reliability of our staff which guaranteed by experience allows us to act as a control technology supplier for our main customer and its suppliers as well.




Our Mission

Our activity is primarily turnkey deliveries of conveyor systems control for industry (see reference list). We are the one who delivers complete technology control based on programmable controllers (PLC), especially SIEMENS, Telemecanique MODICON from SCHNEIDER-ELECTRIC, and others on customer's demand. Along with recommending the optimal control system type including configuration proposal.



SIEMENS



Schneider
Electric

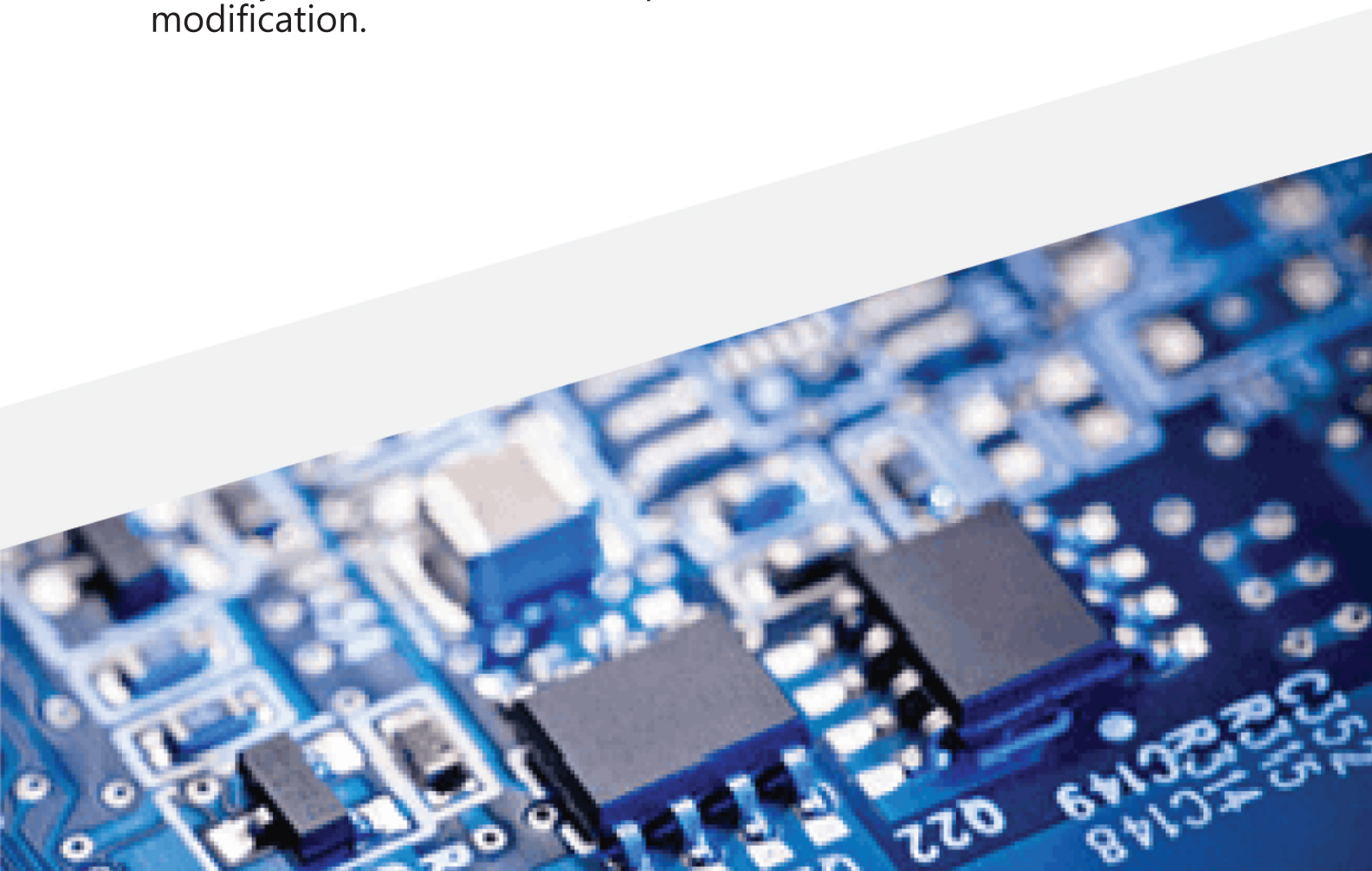
Moreover, we are also capable of manufacturing and assembly of electric distributors (cabinets) including transport and wiring.

For programming and startup, we take advantage of the capabilities of our professional and experienced team of programmers which have a deep knowledge of PLC as well as PC programming (see reference list) and for special purposes,



We are able to design the customer's specific applications e.g. to create a software or hardware interface between new projects and other non-standard technology control systems.

The open architecture of by our company offered systems allows very easy extension and modification of given system in the future thereby reduces the costs for possible further reconstruction or modification.



Especially for control systems from SIEMENS and SCHNEIDER-ELECTRIC, these offer open platform up to the hardware level and enables easy integration of control components from third parties into the control system which we already had a chance to prove this advantage in use.



We also have a lot of experience in considerable experience with startup and optimization of designed and current control systems.

Beside capable to provide contractual servicing for the control system delivered by our company and systems delivered by a third party as well.

We are also **System Integrator (SI)** of complete product line of **Control and SCADA/HMI** systems from **SIEMENS Automation and Devices Division (Thailand)**.

And distributor of complete Telemecanique product line of **Control and SCADA/HMI** systems from **SCHNEIDER-ELECTRIC (Thailand)**.

Product Content



- PLC Controller (SS, S7) & HMI
- Low Voltage Equipment
- Drives (Invertor) & Soft Start
- Engineering Software
- SCADA System
- Field PG and Power PG



- PLC (Modicon TSX) & HMI
- Inverter VSD
- Low Voltage Equipment
- Engineering Software
- SCADA System



Our Vision

From the very beginning, The company BAE was founded with the goal to establish a project and consultancy center for industrial automation. In our company, there was an automation experienced team working in the company, capable to provide service in this field from project design to turnkey delivery.

“ Develops is not a goal but a never-ending process of continual improvement ”

Our company policy is based on perfect technical analysis, on mutual reliance between customer and provider, according to perfectly realized work and properly applied components. The company staff is ready to offer technical support for electronic control system applications and prepare complete customer solutions for large projects.

The long-term objective of the firm is to build a strong and healthful company, accepted on local as well as external markets, with the ability to fulfill customer requirements and demands.

The fact, that we have our own capacities for design, manufacturing, and wiring, allows us to improve all services provided and use the experience from already realized projects. We can guarantee high quality of our work and service and we provide also warranty as well as non-warranty servicing for our components and realized projects. All electric components supplied and used by our company CE certificates as requested for products for the International market.



Our Offer

The company BAE as a system integrator and supplier of control systems from SIEMENS (Automation and Drives Division.) and Telemecanique MODICON from SCHNEIDER-ELECTRIC.

To our valued customers, we offer complete solutions as well as solutions for the given project part in industrial automation and following technical and maintenance service.

01. Customer's
requirement and plan analysis

03. Operator's
and maintenance training

02. Assistance
for trial run service and support
for machine shut down

03. Consulting
for technical and maintenance
support





HOW WE WORK

Furthermore we also provide the spare parts delivery for above mentioned control systems for end customers as well as system integrators, including servicing and maintenance. We can also offer contractual servicing and maintenance for control systems software and hardware according customers demand from phone support standby assistance at the customer.

The maintenance service could be contracted also for control systems delivered by third party.

The offer of these activities is not limited to above mentioned control system HW platform, decisive is the requirement or choice of the customer.

We permanently extend our activities on the field of industrial automation and thus guarantee top quality of our services.

Machine design and maker for every requirement

Solution proposals for given task

Control system configuration design

Electric design for the control system and related equipment

Delivery of control system equipment

Delivery of electric equipment

Electric cabinets assembly, wiring and testing

Software design and programming for a given application

Software debugging and optimization

Website design and application for organization

Security for the hosting system

“Bringing our technical knowledge experience and transform it into work”

For provided control systems we offer also system trainings for end customers and system integrators as well according the standard training program or individual according are held in our company training room which has necessary technical background. customer's request. The latest training offer is on our website, the trainings are held in our company training room which has necessary technical background.

List of References

The work we do is Automation for the industry in both the public and private sectors.

As a construction and infrastructure builder for industrial machinery, We produce SCADA systems for industrial use. Design and installation of electrical systems and machines in industrial plants. Including being a consultant to work related to the industry And repair services for machines in the factory As well as providing knowledge to the industry in order to have knowledge in management and solving machine problems

Moreover, we are also Machine manufacturers and one-stop service providers including system integrators in automation work.

For example, mine work, dam work, transportation line, power plant, and others.



SCADA Project Reference

2001-2005

SCADA system replacement project, machine MIXER for Superblock, Superblock Singburi plant.
Automatic Control System and Provincial Waterworks SCADA Project.
Kanchanaburi Province. Contractor: Charoen Saengmanee Limited Partnership.

Automatic control system and SCADA project, pump house expansion
Work provincial waterworks.
Songkhla Province. Contractor: Dynamic Group Products Co., Ltd.

Automatic control system and SCADA project, pump house expansion
Work provincial waterworks.
Ubon Ratchathani Province Contractor: Dynamic Group Products Co., Ltd.

Installation project for automatic control system for production line of San Miguel Beer Co., Ltd.,
Pathum Thani.

2005

Overhaul Namngum HPP Unit 5 PLC and SCADA Migration System Simatic S7-300 Project.

2006

Migrate 6 PLC for 5 stations for Nammung3 HPP Project.

2010-2013

Migration CSCS Project Vangvieng Substation CSCS Thanalang Substation CSCS
Phonetong Substation.

2010

Overhaul Namngum HPP Unit 3 PLC and SCADA Migration System Simatic S7-300 Project.

2012

Overall Control and SCADA Namleuk HPP Project.

2013

New SCADA for BAY controller at Thakak Sub-Station project

2016-2018

Information system development project Purchasing, Employment and
Website Building System Manufacturing - Lao Electricity Public Company Limited.

2019

Migration PLC, Drives and SCADA for Coal Minnig Belt Conveyor 3 lines project
at Mae-Moa Mining EGAT.

WHY CHOOSE US



Our Core Values

- Quality
- Integrity
- Teamwork
- Commitment
- Accountability



Quality: We provide good products along with good service which, together, deliver excellent value to our customers.



Integrity: We uphold the standards of integrity in all of our actions to build the confidence of our customers.



Teamwork: We work together, across boundaries, to meet the needs of our customers, and to help our company continue to make progress in the long-term. Also, we value our people, encourage their development, and always give values to their performance.



Commitment to Customers: We produce and develop not only the system but also relationships that make a positive difference for our customers.

And last but not least



Accountability: We are absolutely accountable for delivering on our commitments.

**“The most powerful tool
we have as developers is
Automation”**

CONTACT US



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