



Bangna Phaisan
Company Limited



Company Overview

Bangna Phaisan Co., Ltd. (BNP) was previously known as Computer and Communications (C&C) Group of Worachak International Co., Ltd. (WIC). According to the restructuring policy of WIC in 1999, C&C group decided to establish a new company named Bangna Phaisan Co., Ltd. (BNP). This new company's structure greatly enhances mobility and service quality to our customers.

By the end of 2005, for growth expanding of our business. We moved to our new office building that has much more double space utilities.

BNP is a leading provider of fully integrated turnkey projects including mechanical, electrical, telecommunication, computer and peripheral products, automation control system, security and surveillance systems and special equipment with package software applications which all have achieved considerable market success.

The Mission

BNP is dedicated in providing the best solution for our clients along with excellence in operational and technical competence of our professional staff with emphasis on long-term relations with our clients and business partners.

We are committed to fulfilling client's needs for all project completion along with a comprehensive after-sales service as *"We are always with you"*.



Intelligent Solution

BNP is a system engineering company who provides full automation control system using special equipment. Our experiences and concentrations are on:

Intelligent Transportation Systems

- Air Traffic Management
- Airport Lighting System
- Airfield Ground Lighting
- Weather Equipment
- Guidance Signs
- Airport Lighting Control and Monitoring System

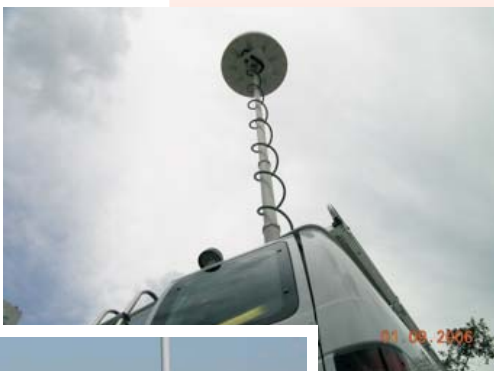


Precision Landing Systems

- Instrument Landing System (ILS)
- Microwave Landing System (MLS)
- Differential Global Positioning System (DGPS) Precision Approach
- En Route Navigation Growth Capability
- Variable Omni-Range (VOR) Capability

Security & Surveillance

- CCTV Security System
- Video Recording System
- Law Enforcement Equipment
- Custom Design Solutions



Ground Traffic Management

- Toll Collection System
- Public Transport Tracking and Information Systems
- Traffic Remote Monitoring System
- Traffic Controllers
- Vehicle Information Systems
- Multi-Bay Parking Meters
- Emergency Communication Systems

Project Management

A project Manager will be assigned to every project to coordinate all aspects of the schedule as the equipment moves from design to completion of a system. Upon thorough checking and testing, equipment will be delivered, installed and commissioned at all sites under supervision of high qualified engineers and technicians.



We have developed a working methodology that enables us to standardize shipment, delivery, installation, commissioning and training of personnel as required by the contractual agreement. Installation of equipment is the responsibility of BNP's installation team, thus mitigating the exposure to liabilities caused by subcontractors not completing the installations per the specification or not following the time schedule.

We provide overseas technical advisors when appropriate to remain on site and provide technical assistance for the sophisticated part of the installation.



Planning & Engineering

BNP turnkey solutions are design, test and installation with the assistance of modern computerized design (CAD) systems. Among the first of our services, that the customer may wish to utilize is that of international standard planning.

Using CAD systems, our Planning Department can assist the client in working with their plans during reviews and design of the system layouts. In many cases, BNP planners are able to suggest alternative layouts that are more efficient at a lower cost or that can provide greater capacity.

Engineers who have experience in all facets of mechanical and electrical disciplines will plan and cooperate an engineering effort for the systems. Equipment is inspected both in-house, as well as through system installation.

BNP strives to best satisfy the engineering application resulting the system to be functional and serviceable by the customer once it is installed.



Training



BNP is a highly efficient company providing the finest engineering services in its class. We have accumulated tremendous experience in consultation, design and support from the simplest functional equipment through more complex operation systems.

The customer service team at BNP is always ready. We maintain a substantial inventory of replacement parts, making them readily available to all our customers, plus highly qualified technicians for assisting in the installation and troubleshooting of equipment.



As a major technical advancement, we may access a system remotely via telephone line to perform troubleshooting from our facility, as a more expedient and cost effective method on a permission basis with our customers.

Our equipment and systems sold to our clients come with standard equipment warranty which often exceeds the customers' requirements.

Project Reference

Computer and Network System

Customer : Armed Forces Security Center, Supreme Command Headquarters

Description : Supply and installation of supervisor workstation and peripheral at the command center in Bangkok, operator workstations and peripheral at remote sites, and network elements between the command center and the remote sites with application and database software

Size : 1 control center and 5 remote sites



Traffic Management

Customer : Big C Supercenter (Bangna Branch)

Description : Supply and installation of Car Park System

Customer : Office of Highway Weigh Control, Department of Highways

Description : Supply and installation of Centralized Control Center operating as a control center of static weigh stations remotely located on highways nationwide

- online computer system
- online video surveillance
- remote monitoring
- overweigh enforcement online documentation

Size : 1 Control center and 5 weigh stations



Customer : Intercity Motorway Office, Department of Highways

Description : Supply and installation of Toll Collection System on highway no.9 (Thub Chang Plaza) (Bang Pa In – Bangplee)

Size : 3 entrance lanes and 3 exit lanes



Customer : Leighton Contractors (Asia) Ltd. and Thongma Contractor Co., Ltd.

Description : Supply and installation of Toll Collection System at The Second Maekong International Bridge

Size : 2 Toll lanes



Telecommunication

Customer : United Telecom Sales and Services Co., Ltd. (UTEL)

Description : Supply and installation of cellular site (DTAC)

Size : 9 sites



Toll Collection System

Customer : Mitsubishi Heavy Industries, Ltd.

Description : Supply and perform all the following materials and works for the National Highway No.5 Improvement Project in Vietnam

- Power Distribution Board (PDB)
- Manual Lane Barrier (MLB)
- Inter Communication Systems (ICS)
- Overhead Traffic Light (OTL)
- Toll Collection System Installation and Testing Work
- Data Communication Network Equipment
- Weighing System
- Interconnection Testing Work

Size : 20 Toll lanes and 4 weigh stations



Power Electrical System

Customer : Thai Puff Manufacturing Co., Ltd.

Description : Supply and installation of Low-Voltage Power Distribution System

Customer Services & Warranty

The clients training policy plays an important role since the operators, users and supervisors can learn the operation of the equipment and system in order for it to work effectively. We recognize client training to be as significant as the equipment, installation, preventative maintenance and service.

We provide hands-on training as well as extensive manuals for operation and maintenance. In the technical and engineering part, we provide troubleshooting guides, technical manuals, and as-built drawings. Our qualified instructors always educate all operators on the full extent of each system.

BNP has a policy to constantly educate engineers, technicians and all personnel by providing them both local and overseas training programs.



Organization

