

iNET

Global Technologies Co.

COMMUNICATIONS | SURVEILLANCE | NETWORK

iNET Global Technologies Co.

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Our Proficiency

As network infrastructures become more complex with many services and applications at an ever-faster rate, more companies and individuals tend to overlook the fundamental concepts of engineering. There are no shortcuts and temporary solutions to your network needs but proper dimensioning and correct parameters.

Our company's primary gear is to serve the local and international markets such as airports, telecommunication companies, low and high-rise buildings, schools, hospital, government agencies, oil and gas industry, private industries and small/medium/large enterprises.

Our goal is to promote telecom expertise and industry practices that will provide world-class engineering products and services. We endeavor to understand the needs of our customer by offering the simplest to the most dynamic solutions that would benefit their industry and at the same time provide solutions that promote and protect the environment.

Working closely with the world leading manufacturers, we develop integrated solutions incorporating a wide range of systems to meet the specific turnkey requirements for projects in the most demanding environments.

Our scope covers a wide scale of the telecommunications systems and solutions to meet the unique requirements of each individual client and project specification. With our extensive experience in completing a comprehensive number of diverse telecommunication projects, we have the know-how and technical expertise to develop solutions to realize a truly integrated network environment.

The scope can cover an individual system or a combination of systems as shown below:

Transmission Systems	Security Systems	Plant/Building Telecommunication Systems	Home Automation	Other Systems
<ul style="list-style-type: none">• LAN/WAN• WiFi• Fiber Optic Backbone• Structured Cabling• VSAT• SDH/PDH• Microwave	<ul style="list-style-type: none">• CCTV System• Access Control and Parking System• Fence Intrusion Detection System• Marine Intrusion Detection System	<ul style="list-style-type: none">• Intercom System• Hotline System• Telephony System• PAGA and PAVA (Paging) Systems• Radio System• Conferencing System	<ul style="list-style-type: none">• Control and Interfaces• Peripherals• Devices	<ul style="list-style-type: none">• UPS• Attendance, Accounting, Inventory Management Systems• SCADA• Geographical Information System

Our Capability

In order to achieve our objective of total clients' satisfaction, we develop flexible interactive working relationship with our customers as we focus on the changing needs and expectations of the project.



We take an innovative engineering approach with emphasis on value to ensure all relevant new and proven technological developments and market trends are fully understood and exploited by our engineering team, and whose skills and experience are constantly upgraded.

To meet our market's criteria, specific industry demands and as a professional engineering design house, all projects are managed in accordance to the engineering standards.

Front End Engineering Design (FEED)

Conceptual engineering, survey, consultancy and FEED work are one of our core expertise where we develop and define our client's telecommunication requirements and establish the criteria of achieving the specifications.

Detailed Engineering Design (DED)

As a telecommunication system integrator, the detailed engineering design work is our core function. The projects are engineered to provide every specific detail related to the project in terms of diagrams, design reports and calculations. Each project is assigned a highly skilled engineering design team comprising of experienced telecommunication professionals. To support the design teams, a dedicated CAD design center is equipped with CAD software to produce the drawings in accordance with our client's standards.

Procurement

Procurement of equipment and hardware is sourced worldwide via our procurement department. The basis of the procurement is the compliance of the customers' operational specifications and the approved final engineering design.

Project Management

Project management is a key function to achieve a successful project. iNET Global Technologies Company is highly experienced and motivated to perform its task. Each project is assigned to a project manager who handles both internal and external project scheduling, budgeting and coordination using a wide range of software applications.

System Integration

iNET Global Technologies Company can operate a dedicated custom integration center equipped with the necessary tools and equipment to assemble, interconnect and integrate the systems based on the approved engineering designs by our client. The integration center can be done in the customer's premise that will be fully supported with Factory Acceptance Tests (FATs) witnessed by our client prior to the shipment of the equipment to project site.



Installation and Commissioning

As part of our responsibilities, iNET Global Technologies Company has the technical department that handles the on-site installation and commissioning activities, including system training as required. Our technical team is highly skilled, motivated and well accustomed to the nature and the environment of various industries. We can deploy our team globally to provide the vital support necessary for our clients' operations and installations.



Integrated Network Solutions

iNET Global Technologies Company provides state of the art telecommunications solutions for a wide range of applications in the market using the latest proven technology available in the world today.

These solutions include telecommunications backbone networks and dedicated systems for data, video, voice and security. Telecommunications Backbone Networks may utilize a range of different technologies depending on the applications such as Fiber Optic Backbone, VSAT, Microwave Transmission and IP based networks to form the telecommunications Open Transport Network.

iNET Global Technologies Company provides engineered solutions for Data such as LAN, WAN and MAN networks; communications networks such as radio communications systems and telephone networks and safety/security systems such as PAGA (Public Address & General Alarm), CCTV surveillance, Access Control and Intrusion Detection. These can be fully integrated with the telecommunication backbone networks for a truly integrated network solution.

Internet Protocol (IP) Based Networks

IP based networks are the dominant network type. With the advancement in telecommunications and



IT, IP based networks are increasingly supporting all varieties of traffic including data, voice, video, wireless, asset management and becomes the basis for converging network design where all types of communications traffic can be accommodated in a unified network.

Fiber Optic Based Backbone Networks

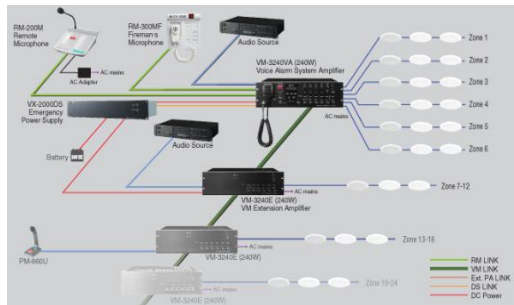
Fiber optic based backbone networks are the most reliable and efficient mode of communications backbone which supports both high speed and bandwidth in demanding applications. Our company provides detailed design and engineering including traffic assignments, bandwidth allocations, IP planning, VLAN configuration, E1 assignment, fiber optic link budget, fiber optic installation, fusion splicing and fiber testing.



Technologies such as IP-MPLS, industrial Ethernet, OTN or Carrier over Ethernet may be deployed as a Fiber Optic backbone providing a reliable transport layer and guaranteeing adequate Quality of Service for real time applications such as voice and video traffic.

Public Address & Voice Alarm Systems (PAVA)

PAVA or Paging System is a high integrity safety system interfaced with fire alarm systems to alert personnel in the event of an emergency by means of speech or alarm broadcast with visual warning beacons in noisy areas.



iNET Global Technologies Company designs, builds and engineers the PAVA systems to the client's project specification requirement. In addition to this, as part of the design scope, iNET Global Technologies Company performs an acoustic analysis and sound coverage study using state of the art acoustic modeling software to ensure that adequate sound level coverage and intelligibility is achieved within the site's facilities where personnel frequent.

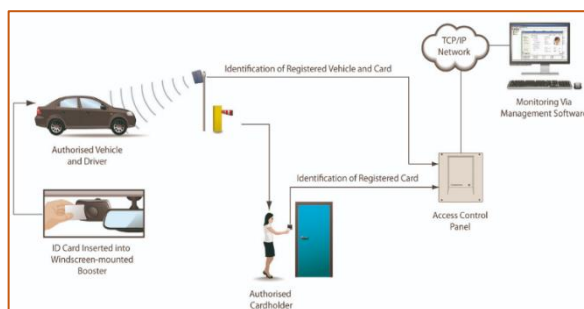
Closed Circuit Television Systems (CCTV)

CCTV is used for both monitoring and security surveillance using a network of strategically located fixed or PTZ cameras with associated ancillaries such as mast towers or flood light where required.

Using the latest proven technological developments in cameras, monitors and control systems, CCTV systems are designed and engineered for both commercial and industrial applications and in full compliance to the applicable safety and international standards.



Access Control System (ACS)



ACS is a vital contribution to building security and anti-intrusion in controlling entry or access to specific areas of the building. This may be from the main gate entrances for either vehicles or personnel via road barriers or turnstiles manually operated by security personnel or via means of a range of electronic technologies such as RFID cards that effectively act as an electronic key.

Furthermore, other sensitive areas of the building such as control rooms can be restricted and controlled using electro-magnetic door locks that can be activated using the same electronic key. All access events are logged and are date and time stamped.

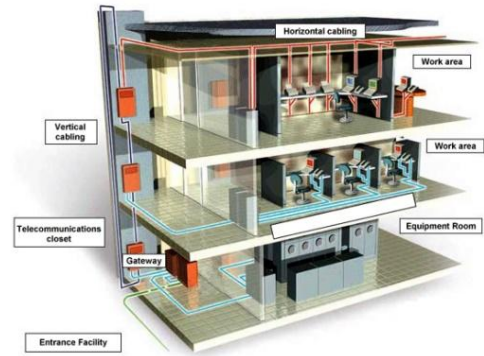
Telephony System / PABX

The Telephone System provides one of the first levels of communication. This comprise the PABX System, CO trunks whether analog, ISDN or SIP trunks and extensions like analog, digital, softphone, wireless and VoIP. Features include Auto attendant, Music on hold, Transfer calls, Caller ID, Hold, Pickup calls, Speed dial, Voice messaging, Conferencing, Hunt group, Operator assistance, Call recording and a lot more.

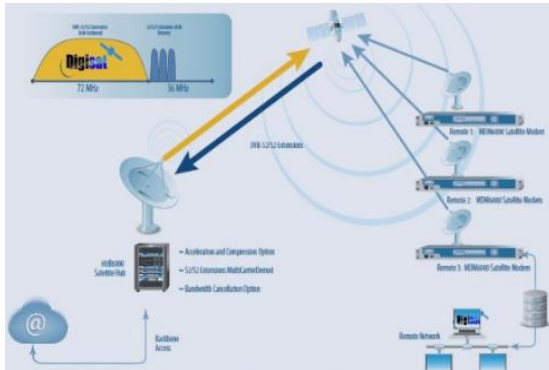


Structured Cabling Systems (SCS)

SCS primarily serves as the backbone for voice and data services across all industries. This includes the UTP cables, Fiber Optic cables and the passive and active network components that would complete the requirement of every client. The cabling system is utilized to integrate all existing systems of the client thus providing a uniform layer 1 or the physical layer as per the OSI model.



Very Small Aperture Terminal (VSAT)



The VSAT is a system that uses a satellite as its communication link between two (2) or more geographically separated locations. We offer broadband internet services for areas that are beyond the reach of Internet Service Providers (ISP). An antenna system, usually a 1m dish antenna together with the IP satellite modem are installed in the client's remote location. From these, internet services are provided to the client's network.

Uninterruptible Power Supply (UPS)

The UPS is as vital as any component in the workplace. This provides the backup power source in any event that a mains supply fails or falls out of range. iNET has partnered with an Eaton OEM brand that would provide reliable backup power source for any kind of load and power requirement.



Home Automation

Home automation is a combination of electronics, communications and electrical system that can easily be set up in one's home to control appliances and utilities even remotely. Whether at home or outside, one is at ease knowing that he is informed and in control of the events in his house.

With home automation systems, you can forever banish the concerns over unnecessary home energy expenditures and wondering whether or not you locked the front door. These solutions help make your home a smart home. In fact, a smart home system can control the lights, appliances and any compatible peripheral in your house.

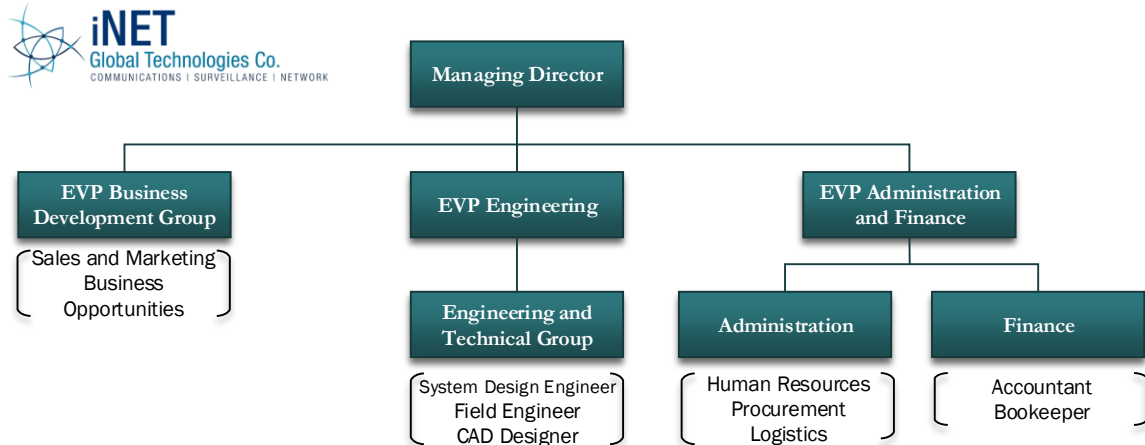
With the right level of understanding, you can automate almost anything in your home. Here are some models you can pursue:



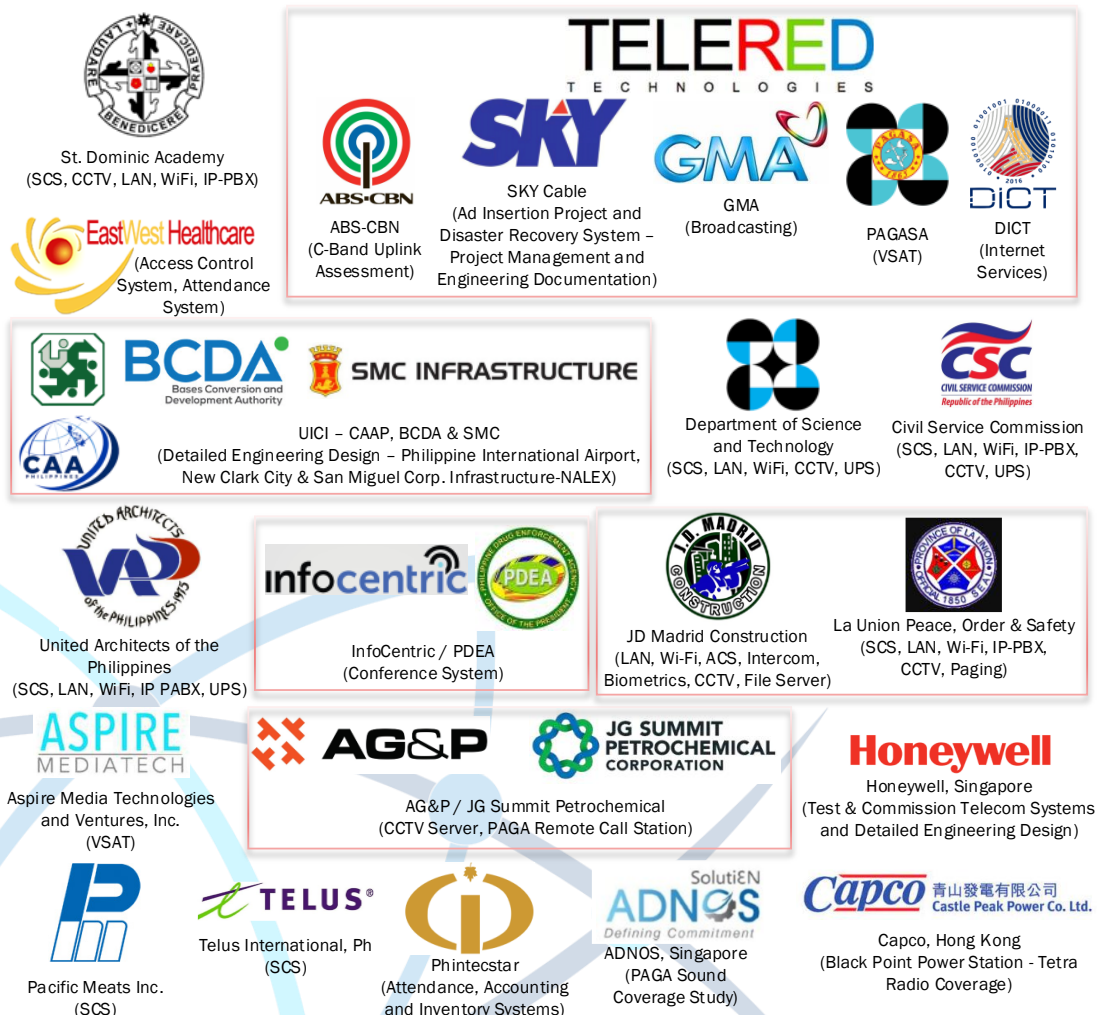
- Operate the lights in your room automatically, including brightness.
- Save light energy through time-controlled lighting system
- Protect your home with motion-controlled lights.
- Set alarms.
- Check if your home is securely locked by logging into the system using a remote control.
- Set the house temperature when you are out or about to go home.
- Open and shut window blinds.
- Set appliances ready as soon as you wake up or get back from work.

Our Organization

iNET Global Technologies Company was established on July 2016 with the main objective of being the System Integrator of choice providing the best engineering services for its clients. The company's expertise includes the detailed engineering design, calculations, implementation, procurement, installation, commissioning and testing supported by project management with various documentations and drawings for various telecommunication systems.



Our Clients



Partners

ANIXTER

ASPIRE
MEDIATECH

**EXPONENT CONTROLS AND
ELECTRICAL CORPORATION**
www.exponentcontrols.com.ph

WirelessLink



Phintecstar



UICI



MEC
NETWORKS CORPORATION

MYSOLUTIONS



EDMO CONSTRUCTION

Vntek
SYSTEMS



INNOVATIVE THINKER SOFTWARE SOLUTIONS

TELERED
TECHNOLOGIES

Honeywell

Brands

HIKVISION

UBIQUITI
NETWORKS

ADC
KRONE

ZKTeco

RUCKUS
an ARRIS company

LEVITON

DAHUA
TECHNOLOGY

LINKSYS

PANDUIT

WD Western
Digital

tp-link

BELDEN

ASUS

aruba

TE
connectivity

SAMSUNG

hp

COMMSCOPE

SEAGATE

NEC

MFB

APC

TOA

ChargeUPS

BOSCH

Honeywell