



# BASSCOMM

## MECHANICAL & ELECTRICAL CAPABILITY PROFILE

## INTRODUCTION

BASSCOMM was founded Eighteen years ago by three individuals, including our CEO and Executive Director, as a TV Cable installation company. Driven by leaders with bold vision and a strong entrepreneurial spirit, the company has evolved into a diverse engineering, facility management, security and oil and gas servicing organization with offices strategically located in Warri, Eket, Port Harcourt, Abuja and Lagos.

BASSCOMM maintains a strong presence in all industries through deep-seated relationships with end users, consultants and specifiers.

Throughout our rapid growth, our core values have remained constant — honesty in decision-making, personal responsibility and accountability, responsiveness and passion for expertise. These principles are at the heart of our ability to create and respond to market opportunities and have fueled our dramatic expansion.

### **Our Vision:**

**To be the number one engineering solutions company in our chosen markets in Nigeria.**

### **Our Mission**

**To enhance our customer's business through innovative engineering solutions.**

We seek to participate in the entire value chain consolidating on past experience and

Investing in synergy through vertical integration and multi- disciplinary growth.



## OUR PRODUCT PORTFOLIO

Over the years, BASSCOMM clearly distinguished itself as a channel of innovative solutions to an expanding clientele base, hitherto confined to whatever products or services were simply available at the time. The company gradually grew its product base, forming strong alliances with manufacturers of industry-standard systems and services to ensure that the increasing needs of her customers were consistently met.

BASSCOMM is a Mechanical and Electrical Contractor working throughout Nigeria with a reputation for completing projects efficiently, within time and budget constraints and to the highest quality it has made us the Contractor of choice for our industry over the past decade. We currently operate across Nigeria in various sectors throughout the industry



## SERVICES AND PRODUCTS

- Air Conditioning
- Plumbing services
- Ventilation
- Fire Protection
- Hydrant system
- Gas Services
- Dust Extraction Systems
- Process Piping
- Full Environmental Services
- Sanitary ware & Water Services
- Sprinkler system
- Lighting
- Soils & Wastes
- Chilled Water Systems Ceiling & Beams
- Heating
- Heat Pump Systems
- Energy Recovery Systems
- Design & Build Installations
- Insulation Services
- Planned Maintenance
- Steam & Condensate
- Rain Water Systems
- Siphonic Drainage Systems
- High and Low voltage Electric power systems



**Plumbing services-** This consist of supply and installation of plumbing services



and

associated plumbing works including the installation of Water Storage Tanks, piping services, installation of drainage systems, mains water supply systems, sewage, sanitary ware fittings for both bathrooms and kitchens, kitchen and toilets ventilation systems, hot water systems.

**Air conditioning services-** Basscomm supplies and install both commercial and residential air conditioning units to satisfy clients' needs both for the home and office environment. We utilize the latest air conditioning technologies offering the highest product specification from high-end manufacturers.



**Lighting and Emergency Lighting Systems-** Basscomm has the capacity to design and implement energy efficient lighting systems that satisfy the client's requirements of effective lighting and quality.

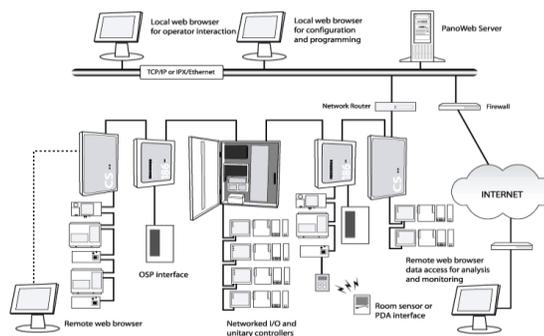
Lightning Protection and Grounding Systems - Basscomm has qualified engineers and specialists capable of making recommendations for surge protection that is tailored to the specific needs of any client's facility. Our materials and methods comply with safety standards for lightning protection as established by Underwriters Laboratories and the National Fire Protection Association.

**High & Low voltage Electrical power systems-** Basscomm provides *fully integrated power generation systems* for the industrial, commercial, and residential community



Intelligent building system integration- Basscomm has adopted the use of this technology for the control of building services within buildings. This in turn allows the optimization of various site and

building services, often yielding significant cost reductions and large energy savings for the customer.



## Renewable

The drive towards a low carbon economy depends heavily upon the successful deployment of Renewable Technology. With growing concern about climate change, security of supply and the ever depleting reserves of useable fossil fuels, the need to harness energy from Renewable sources has never been greater.



At BASSCOMM have expertise in providing technical advice, project management and Installation experience for Renewable Energy schemes.

We offer installation of renewable energy products from **solar power to ground source heat pumps in addition to water saving and re-use systems.**



The products used are sourced as locally as possible. We will discuss in detail, the client's needs and ideas before assessing which product is individually suited to their lifestyle.

## Ventilation & Heat Recovery Installations

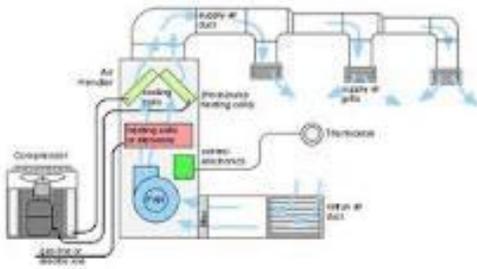


### Whole House Heat Recovery Ventilation

BASSCOMM also specializes in Energy Efficient Heat recovery Ventilation and Indoor Air Quality. Air is as essential to life as water but is often taken for granted. We have a wide range of products developed specifically for improving the indoor air quality of residential homes and

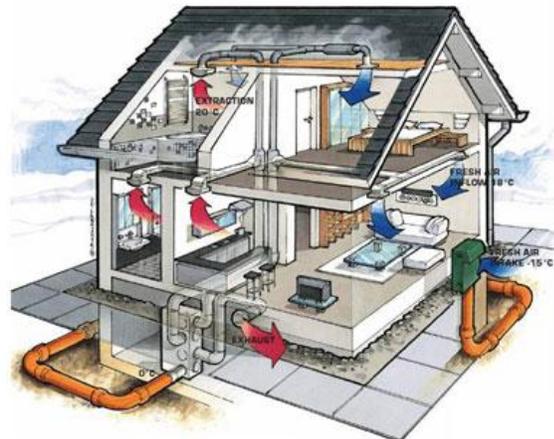


workplaces by way of ventilation - after all we spend more than 70% of our time between 4 walls.



Our main products are:

- Heat Recovery Whole House Ventilation
- Energy Recovery Ventilation
- Energy Efficient Ventilation
- Indoor Air Quality Monitoring



BASSCOMM aims are to achieve excellence and innovation, by the improvement of our built, natural and social environment from concept through to implementation on all our projects.

**To achieve this, we are committed to reducing its environmental impacts and to developing a culture of continuous environmental improvement through carbon reduction methods by:**

- The prevention or minimization of pollution potential by our actions and in the advice provided to clients.



- Compliance with relevant legislation, regulations and other requirements as applicable.
- The minimization of waste and a commitment to recovery, re-use and recycling as opposed to disposal where feasible.
- The achievement of improvements in environmental performance by working with our clients in our service delivery.
- Where appropriate encourage and monitor our suppliers and contractors in working to our environmental standards and those of our clients as a minimum.
- Setting and reviewing environmental objectives, target and performance measures on an ongoing basis.
- Maintaining pro-active communications about Environmental management and performance with all employees and other internal parties.
- Providing employees with an understanding of this environmental policy and their role in influencing improvement in environmental performance.

BASSCOMM also recognizes the contribution she can make as a company to sustainable development both through the advice that it provides to clients and in the way it conducts its operations.



## **ORGANISATIONAL COMPETENCES**

BASSCOMM prides itself in her ability to deliver engineering solutions that would enhance our customers business. Over the years, we have built our core competences to include:

### **ENGINEERING DESIGN EXCELLENCE**

BASSCOMM combines the years of experience of our engineers while leveraging on innovative technologies to enhance our customer business by making them more efficient and profitable. At BASSCOMM, we believe in surpassing our client expectations by giving them the best value for money whilst providing solutions that work in an uncomplicated fashion.



Our design team specializes in the conceptual and detailed design, system integration, supply and commissioning of multiple systems. With the aid of various design software and in-depth understanding of our clients' needs, they are able to come up with client specific solutions that best fit.

BASSCOMM'S engineering team utilizes tools such as AUTOCAD, ESD10, Hughes Calculation Software, HYSIS, and PDMS in working our designs to our numerous clients.



○ **SYSTEM INTEGRATION EXCELLENCE**

In order to deliver solutions that work to our clients, BASSCOMM has the expertise to integrate multiple systems that perform complementary functions thus providing a robust solution to our clients. The CLIENT'S aims to achieve security master plan that incorporates several different systems to function as one integrated system.

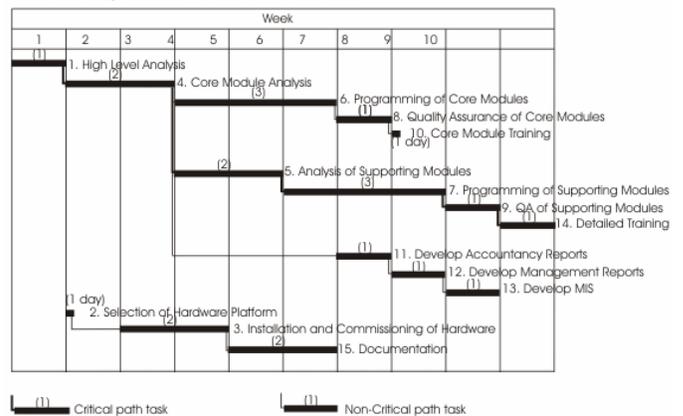


BASSCOMM is in pole position to meet this demand by the client as we have successfully integrated multiple systems over the years. We appreciate the fact that it is cost effective to be able to run multiple systems such as surveillance, intruder alert, access control, fire alarm, emergency shut down, ventilation, even monitoring etc on a single platform as opposed to multiple platforms. To this end, BASSCOMM is offering a solution that will enable them to achieve this objective.

○ **PROJECT MANAGEMENT EXCELLENCE**

BASSCOMM will bring its years of project management experience and excellence to the client. Our project managers and engineers utilize world class project management methodologies as accredited by the **Project Management Institute**.

Critical Path Analysis: Activities Scheduled on a Gantt Chart



They are constantly redefining and transforming project management processes and variables in order to give clients the best possible value to ensure that projects are delivered on time and budget.

## **METHODOLOGY**

BASSCOMM utilizes proven methodologies that have been used all over the world in project management. We have developed and adopted these methodologies which we will customize for the client. From the inception of a project to commissioning & handover, due process and procedures have been put in place to guide our path to the successful delivery of this project.

### **Execution Method**

Upon signing of the contract, BASSCOMM will order all equipment from the Manufacturers and deliver same to the site

We will mobilize to site one week after the receipt of an award letter

The project technical team headed by a Project Manager will mobilize to site as soon as the equipment have been delivered and Installation will proceed as follows:

- Piping and Cabling
- Installation of Control Equipment
- Installation of Principal devices
- Installation of Ancillary devices
- Testing
- Commissioning

Following the completion of the installation, the system will be tested for functionality and compliance with the stipulated standards and an operational audit will be carried out with representatives of the client and the consultant. Record drawings, Full operating instructions and a commissioning certificate will be handed over with the system to the client.

We will execute the work with a team comprising of the Project Engineers and Site Engineers who have a proven track record of successful implementation of similar Projects

A programme of works will be drawn up informing all execution teams concerned of the various work to be done

Materials will be stored in designated areas on client site for security and ease of access



We will obtain any permits to work, contractor passes and/or sign into site to meet with the client and be made aware of site procedures

Basscomm, will capture, where the need arise, unplanned situations relating to changes to one or more Products/Deliverables. They will be captured as “Issues” relating to the project and will be recorded and sent for approval to the appropriate authorizing persons. The issues therefore will be handled within the framework of a formal structure

## **QUALITY ASSURANCE AND CONTROL POLICY**

BASSCOMM NIGERIA LIMITED is committed to maintaining through the finest workforce, superior standards in accomplishing all programs and activities leading to the development and operation of high-quality, and safe, economic and reliable systems in all the solutions it provides.

### **Quality Assurance and Control Policy**

It is the policy of BASSCOMM Nigeria Limited to design, install and maintain all systems, in strict compliance with the contract requirements. It should be a responsibility of BASSCOMM Nigeria Limited personnel to implement the quality program described in this manual.

It should be the responsibility of all projects supervisory and management personnel to familiarize themselves with the requirements of the quality assurance manual and to indoctrinate their staff in these requirements.

To assure the client of overall project quality, the quality assurance manager is given the independent organizational freedom and authority to verify implementation of this program through a series of audits and surveillance. The quality assurance manager is responsible for identifying quality project.

The BASSCOMM strategy will use estimating, planning and re-planning constantly and as the key activities when managing and implementing the Fountain of life ministries ELV Systems project.

The BASSCOMM structure provides for preparing and maintaining the plans at the appropriate levels throughout the life of the project. BASSCOMM will plan for the project as a whole, for



each stage within the project and optionally, for the teams' work within each management stage. The plan includes techniques for the Solutions/Deliverables plans, Activity plan, Resources reporting and Quality plan.

Our strategy in simple terms:

Plan	BASSCOMM will make high-level plans listing and highlighting overall view of the project and summarizing the key features of the project.
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Work breakdown Structure	BASSCOMM will identify the Products of the solution/Deliverables that will be produced by the project. They will be categorized under the following headings "Specialist" "Management" and "Quality".
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BASSCOMM will describe the Products/Deliverables that will be produced by the solutions so that all that are involved in the project will have a clear understanding of the project and be committed and avoid mistakes that are capable of causing slippages.

Product Flow Chart	BASSCOMM will develop a Product Flow Chart which will describe the relationship that exist between each Product/Deliverables and external entities in such a way that the fuzz which usually exist in large and complex projects will be removed and success is assured.
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Activity  
Network or  
PERT

BASSCOMM will produce and provide an activity network that will show the relationships, which exist between the activities, which will be undertaken to create the different solutions, identified in the work breakdown structure. The Resources, which have been assigned, can be seen also.

BASSCOMM will from the network activity produce a time scaled activity network showing start and end. BASSCOMM will indicate major milestones and review points on the plan.

Above all, BASSCOMM will have set in place a quality approach for the entire project. The standards to be followed will be clearly defined and the quality criteria published for each and every product/Deliverables from the project.

Finally, BASSCOMM will capture, where the need arise, unplanned situations relating to changes to one or more Products/Deliverables. They will be captured as “Issues” relating to the project and will be recorded and sent for approval to the appropriate authorizing persons and sections both in BASSCOMM and client. The issues therefore will be handled within the framework of a formal structure.

### **Quality Status Reporting**

Quality assurance personnel shall assure the control quality of the work and conformance to contractual standards and specifications through quality assurance surveillance, reviews, audits and issuance of no-conformance report. All reports shall be prepared and distributed in accordance with procedures specified in the appropriate project procedure manual.



Site audits are carried out at agreed milestones of the project cycle and all reports are forwarded to the project board.



## ☞ AFTER MARKET SERVICES

BASSCOMM will provide the Client with a comprehensive after sales maintenance for all systems supplied and installed. We believe in providing our clients with the necessary technical support to ensure that system integrity is maintained months and years after installation.

Improving customer support and service has been both a continuing business and technology priority for BASSCOMM.

## ☞ HEALTH, SAFETY, SECURITY AND ENVIRONMENTAL STANDARDS

It is the policy of BASSCOMM to perform work in the safest practicable manner consistent with good practice. The health and safety of BASSCOMM employees, and to those affected by our activities, is the responsibility of management, and as a priority ranks equally with our products, services and profitability.

Our policy is to comply fully with our obligations under all Acts, Regulations and Approved Codes of Practice which affect our organization and operations and The HSE Corporate Policy and objectives are communicated to all employees through Corporate Management messages, newsletters, awareness programs and campaigns, and training.



Basscomm has successfully implemented her HSE Policy and objectives through consistent education and training of her personnel in all work activities. Basscomm in this regard now has **30 HSE level three engineers** which mitigates against bottle necks in project delivery where HSE specific issues are tackled.



At the construction sites, the HSE policies and objectives are communicated to all site personnel, including the client. The training includes site induction training, supervisor HSE training course, specific task training such as heavy load lifting by crane, scaffolding erection, and confined space entry, Hazard Identification and Risk Analysis, Job Safety Analysis, tool box meeting, first aid training, fire fighting and emergency evacuation drill training, and work permit system, waste management system.



## SOME REFERENCE PROJECTS

CLIENT	EQUIPMENT USED	LOCATION
MTN NIGERIA	SUPPLY & INSTALLATION OF FIRE HYDRANT SYSTEMS	LAGOS, KANO, KADUNA
IPARA TRAINING CENTRE	SUPPLY & INSTALLATION OF ACS	OGUN STATE
LOVEWORLD CONVOCATION ARENA, CHRIST EMBASSY CHURCH	COMMERCIAL AIRCONDITIONER/SUPPLY & INSTALLATION	LAGOS
GRAIL WORSHIP CENTER PROJECT	COMMERCIAL AIR CONDITIONER/SUPPLY & INSTALLATION	ENUGU
CARPENTERS CHURCH PROJECT	COMMERCIAL AIRCONDITIONER/SUPPLY INSTALLATION	PORTHARCOURT
GENESIS FOOD	COMMERCIAL AIRCONDITIONER/SUPPLY & INSTALLATION	LAGOS
OKEY GOLF HOTEL	COMMERCIAL AIRCONDITIPNER/SUPPLY & INSTALLATION	ENUGU
OGUN STATE GOVERNMENT HOUSE ABEOKUTA	RAC	OGUN STATE
KESLY HARRISON HOSPITAL	COMMERCIAL AIRCONDITIONERS AND RAC	PORT HARCOURT

