

THE PROFILE

PANELBOARDS

From design through manufacture and delivery, Baseline commits its considerable resources to giving our panelboard customers the products they need, when they need them.

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INTRODUCTION

Baseline Fabrication Ltd, an incorporated limited liability company, established as a result of the need for specialist Electrical, Mechanical/Building Maintenance Company; offering a wide range of technical support services at competitive rates. Today, the company has grown to enviable height as one of the leading companies in Duct Fabrication and Installation, with strong original principles of excellence and efficiency.

Today, the company has grown to enviable height as one of the leading companies in panelboards with different types of products such as low voltage panelboards, medium voltage switchgears & transformers, industrial automation, renewable energy and control and other panelboards with strong original principles of excellence and efficiency.

COMPANY OVERVIEW

Vision.

Our mission is to service its customers by out fitting their needs and ensuring on-time target delivery and installation of equipment. In the foreseeable future this mission will be interpreted as a mandate to build market support for the clients.

Mission.

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VALUES

Excellence.

We are satisfied with nothing less than the very best in everything we do. We will continue to raise the bar for everyone. The great fun here will be for all of us to discover just how good we can really be.

Flexibility.

We respond positively to changes and find innovative ways to improve our services.

People.

People are our greatest asset. We work together as a team to achieve extraordinary results beyond our individual capabilities.

Integrity.

We pride ourselves in being honorable, trustworthy and credible.



CERTIFICATES & PARTNERSHIPS

- ISO 9001:2015
- ABB Authorized Panel Builder
- System pro E Power
- Main Distribution Boards up to 6300A
- ABB UPS Authorized Partner
- ABB Authorized Value Provider for Industrial Automation



QUALITY

Quality Control.

Baseline abides by international standards and policies in all its operations. Its fully equipped panel board assembly workshop has been approved by ABB since 1997 and is authorized for design and assembly of low voltage switchboards. Baseline has established and applied a quality management system according to DIN EN ISO9001:2015 for design and manufacturing of low voltage switchgear cabinet, industrial control and UPS. The panel board assembly workshop undergoes routine machinery tests to insure the highest standards of function

Quality Policy.

We, at BASELINE, aim to provide a high quality sustainable product through the provision of effective and high standard Products/services, in accordance with ISO 9001:2015 Standards. We ensure that quality is integrated at all stages of the company's activities which are properly and adequately conveyed to our personnel by using a continuous improvement approach. Also, we ascertain that we continue to meet the expectations and needs of our customers, as well as, the requirements of the Quality Management Systems, defined in the manual, together with all associated processes and procedures. This quality policy is well understood, implemented and maintained throughout the organization. It is reviewed during BASELINE's management reviews for continuing suitability. And the fully commitment to ensuring the implementation and continual improvement of this quality management system by providing all needed resources.

LOW VOLTAGE PANELBOARDS

BASELINE designs and assembles panel boards and power distribution systems to allow optimal flexibility of circuit arrangement and secure a balanced electrical load on each phase. In-house quality control ensures that the current-transmitting parts are damage free and

PRODUCT NAME

Main Distribution Board (MDB)

Main distribution boards are designed with a modular concept that allows multiple combinations and customized construction possibilities, suitable for every application.

01



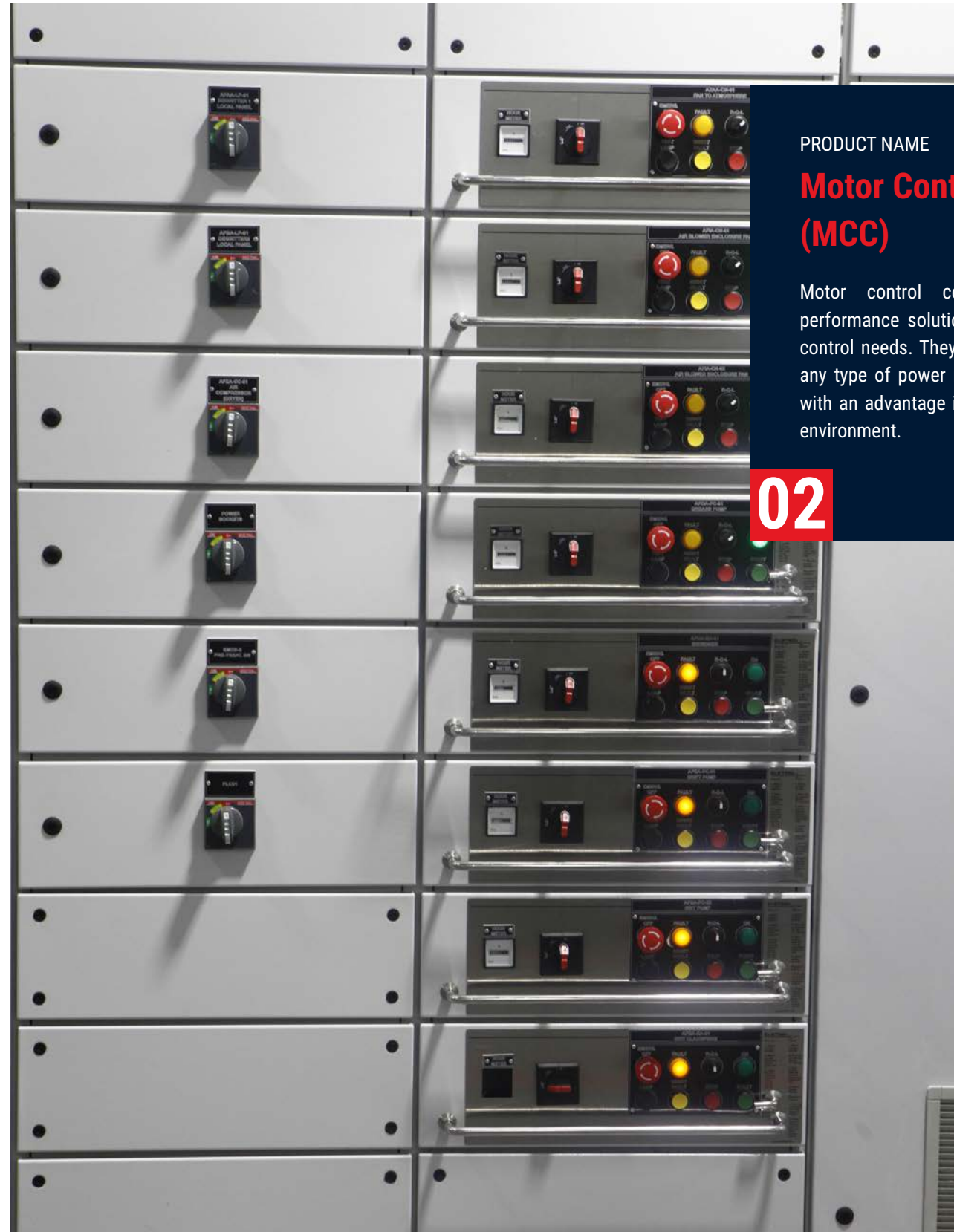


PRODUCT NAME

Automatic Transfer Switch (ATS)

Automatic transfer switches bridge the gap between loss of utility and standby power. With top standards of reliability, robustness, versatility and comBASELIENetness, all ATS are tested to ensure transfer of power from the utility to the generator and back again.

03



PRODUCT NAME

Motor Control Center (MCC)

Motor control centers provide high performance solutions for all your motor control needs. They are designed to meet any type of power need, providing clients with an advantage in a highly competitive environment.

02



PRODUCT NAME

Synchronization Panel

Synchronization panels are fabricated by BASELIENE engineers using premium quality electrical components to ensure increased reliability, expandability, flexibility, serviceability, and cost effectiveness. They resolve the cost problems and single-source issues that allow users to procure the benefits of parallel power generation.

04

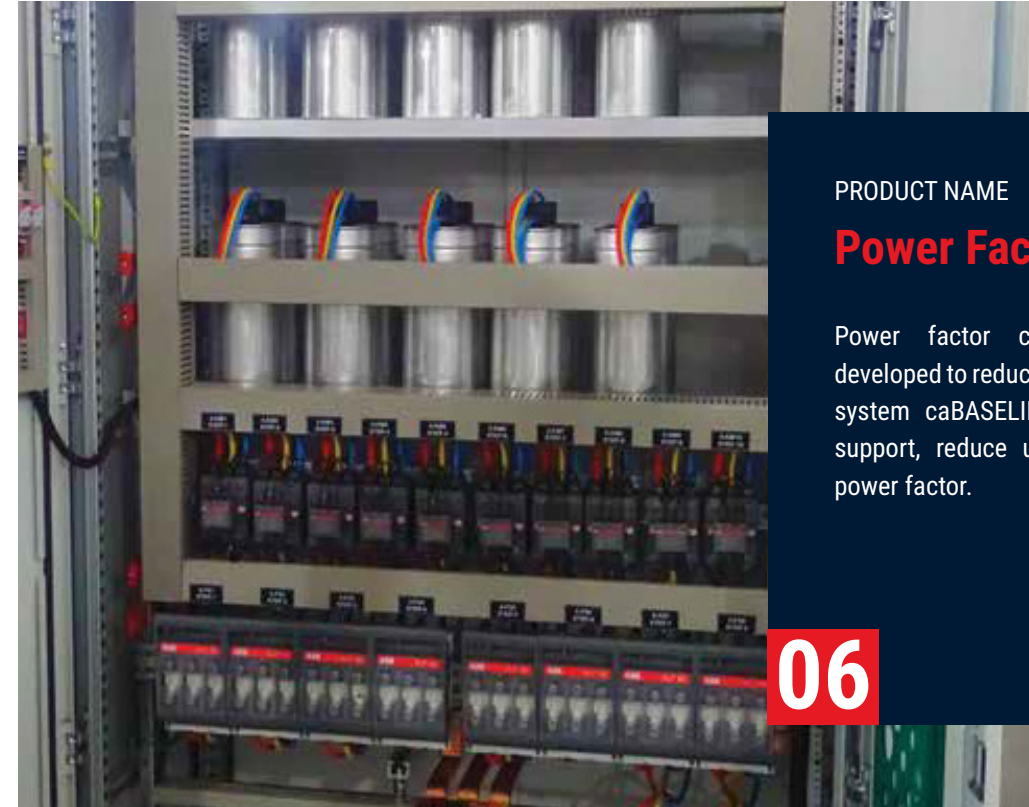


PRODUCT NAME

Control Panel

Control panels including AC drives, soft starters among many more, are high quality products designed for all manufacturing and production environments.

05



PRODUCT NAME

Power Factor

Power factor correction panels are developed to reduce system losses, release system capacity, provide voltage support, reduce utility bills and correct power factor.

06



PRODUCT NAME

Lighting Panels

Lighting control panels offer the convenience of scheduled control combined with the flexibility to suit any application. They can be specifically designed to maximize energy saving from the lighting system, meet building codes, or comply with green building and energy conservation guidelines.

07

HIGHEST LEVEL OF QUALITY

ASSEMBLY & COPPER WORK

Assembly and copper work solutions are developed with the highest levels of quality, safety, and reliability at BASELIENE workshops. The top quality switchboards are made at BASELIENE's assembly workshop with ABB panel builders that comply with international standards. The copper work guarantees supreme quality and finishing with a certificate of compliance, under BASELIENE quality control standards. Copper bars go through a consistent and elaborate process of cutting, punching and bending before being used in the switchgear cabinet. BASELIENE achieves quality products with the help of a dedicated team of professionals and engineers as well as top-notch certified machinery.





DESIGN & SUPPLY

TURNKEY PROJECTS

BASELIENE's Electrical Services and Systems Turnkey Solutions is capable of managing a construction project from start to finish, reconditioning or upgrading equipment or modernizing your power system, offering design, supply and installation services.

- Micro grid design, engineering and installed systems
- Alternative power generation design, engineering and grid integration.
- Design and installation of energy management and monitoring systems.
- Installation services including nationwide subcontracting capability of all trades with on-site supervision.
- Short/long term maintenance contracts.
- Supply of the complete range of products (UPS, LV & MV switchgear, cable management systems, LV & MV transformers, etc.)

QUALITY & PERFORMANCE

UNINTERRUPTIBLE POWER SUPPLY

BASELIENE offers a unique line of UPSs, power conditioning, and power switching products that are designed to solve power quality issues for commercial and industrial applications. From computer rooms to large data centers and complete industrial plant protection, BASELIENE has the UPS or voltage conditioning technology for every need, including: Single-phase UPS, three-phase UPS, industrial UPS and medium voltage UPS. BASELIENE, also, provides a full range of modular UPSs power protection products as well as stand-alone solutions. In modular system, each UPS module contains all the hardware and software required for full UPS system operation. Modules share no common components where each module is a fully functional UPS.





QUALITY & PERFORMANCE

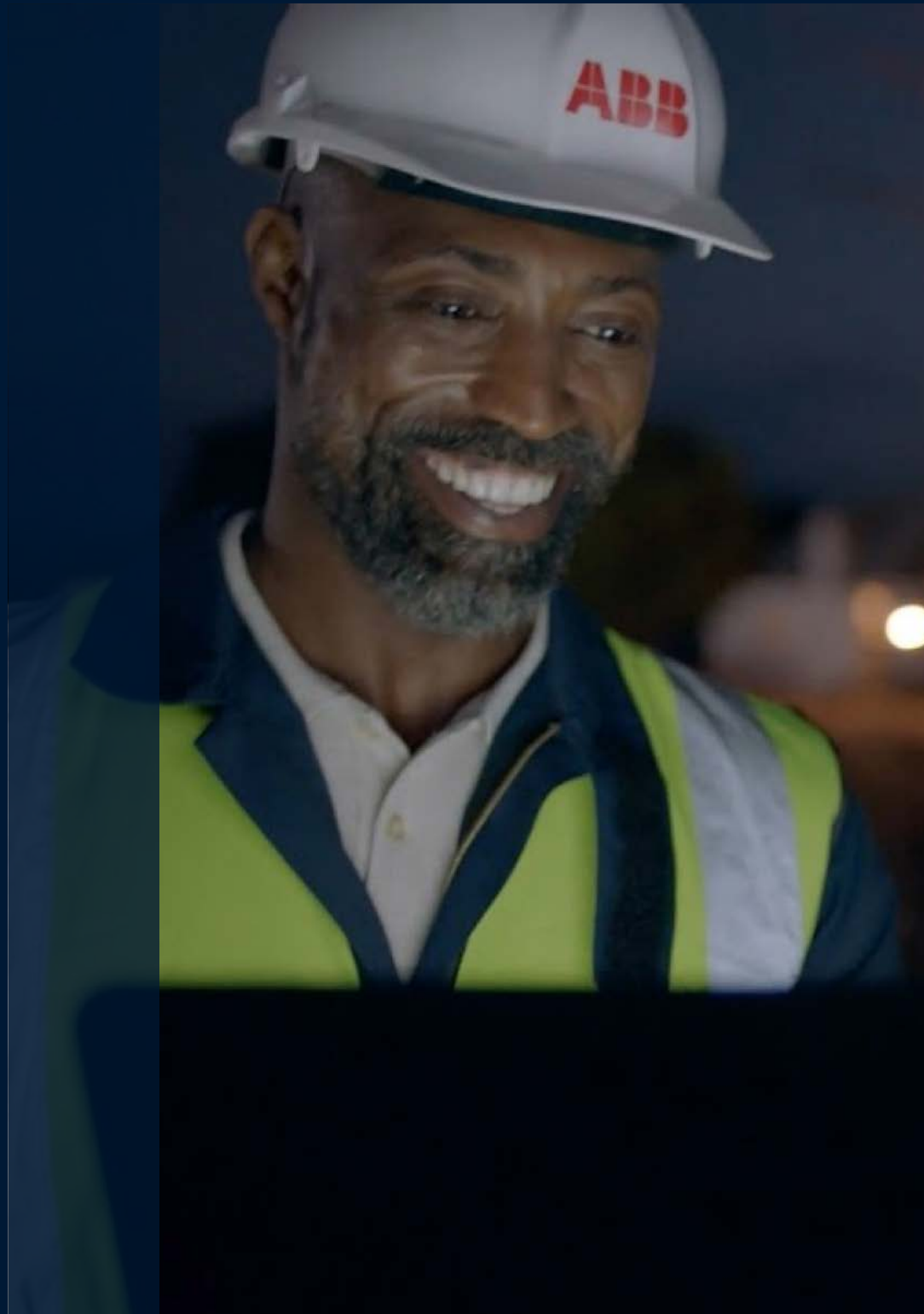
MEDIUM VOLTAGE & SWITCHGEAR

BASELIENE is a medium voltage switchgear solution provider with services that include supply, installation, testing and commissioning of MV switchgears. The switchgears are distinctive for their high functionality and high operational safety they provide. They are constantly tested in independent laboratories to ensure their reliability and durability. An optimal solution in primary and secondary power distribution, they are broadly used in the energy sector, both on the power generation and distribution side, connection points and power points. In addition, they are used as the secondary distribution for the MV / LV medium voltage transformer stations, and industrial or large individual consumers' networks.

QUALITY & PERFORMANCE

INDUSTRIAL AUTOMATION & CONTROL

BASELIENE has developed a wide range of automation and control solutions for industrial use that increase productivity and efficiency. It is a sustainable solution that deploys programmable logic controllers, stand-alone modules and control systems in industrial areas like manufacturing, quality control and material sorting. It is the next phase of industrialization which improves productivity, quality, accuracy and safety by eliminating the factor of human error at lower costs that offer a sustainable return on investment. BASELIENE engineers adapt the following automation and control systems according to the need of the application of any scope of building and industrial plant.



Programmable Logic Controller (PLC) and SCADA Systems:

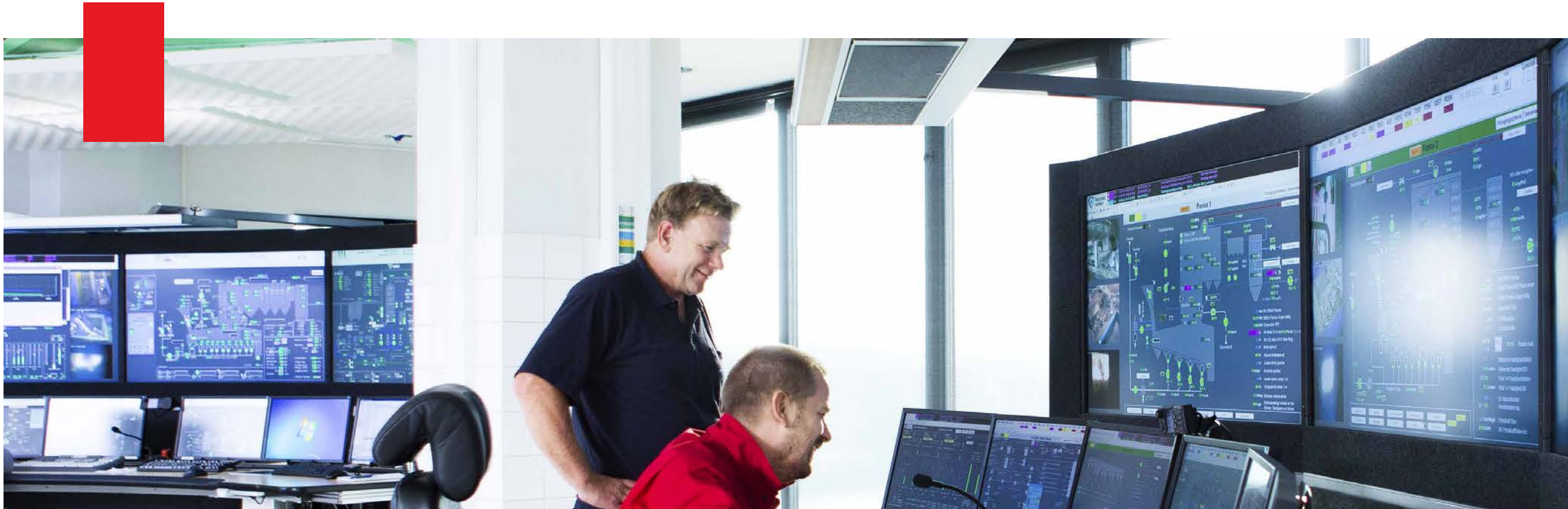
PLC offers individual solutions for each application using PLCs. This enables an operator at any time to have an overview of a profitable production and intervene manually if necessary. A wide range of communication protocols make these control panels the ideal solution for monitoring and remote control. While SCADA ensures effective operation

01

Distributed Control Systems (DCS):

Distributed Control Systems (DCS) delivers the highest levels of performance and flexibility combined with availability standards that meet the most demanding requirements. DCS solutions are configured to address the data throughput and system response times as defined by the system requirements. They include full graphic display and a user friendly interface with full traceability of all operator actions, comprehensive reporting and user-defined sequence operation. They provide direct plant monitoring or integrate with existing metering or controllers responsible for plant interface. Plus, scalable systems from a single operator console to full control room wall projection systems with multiple servers and multiple operator consoles. Complete redundancy can be provided through separate networks to redundant servers with RAID backup. secure remote access is available for management access, configuration and maintenance data.

02



Data Center Infrastructure Management (DCIM):

DCIM systems provide coordinated controls to securely automate and manage workflow and physical infrastructure, for continuously optimizing data center operations to the highest levels of performance. It offers industrial-grade tools that manage a flexible network of power, cooling and IT, delivering data services faster, in the most reliable, efficient and sustainable way possible. It provides the visibility, decision support and automation technologies on an open platform supporting secure, bi-directional communications with mechanical, electrical and IT systems. Data is routed through the system in real-time to application modules that enable the

03

Enterprise Connectivity Solution (ECS):

ECS is specifically used to connect real-time systems with transaction-based applications. It is developed to meet the demand for integrating plant data, shopfloor applications and business information systems in real time. It uses standard technologies and in particular supports OPC and ISA-95. ECS enables building of a common model based workflow that spans business applications, plant automation and people, bridging the Vertical Integration Gap and increasing productivity. It, also, allows:

- ERP Integration: provides it to plant connectivity for maintenance management, production planning, automated recipe handling.
- Plant Integration: integrates plant floor data for condition-based maintenance, quality and performance data for OEE and consolidated production reports across plants.
- Control System Integration: connects all automation systems and most 3rd party controllers and devices via OPC.
- Operator Workplace Integration: connects people and automation in a coherent structure.
- Tracking & Tracing Integration: connects order and material data together for complete tracking and tracing (bar code/RFID).
- E-documentation Integration: provides documentation, drawings, BOM etc.

04

Manufacturing Execution System (MES):

MES provides standardized workflows to operators to ensure the highest possible production quality and regulatory compliance. It offers standard application library suites for common functions in the pharmaceutical, consumer BASELIENKaged goods, and automotive industries. It creates the ideal conditions for high-quality and efficient manufacturing, increased reliability, and full global product traceability. It is a strategic advantage that improves profitability, reduces waste, and ensures compliance with regulations while reducing costs.

05

QUALITY & PERFORMANCE

Renewable Energy

Renewable energy is an eco-conscious and cost effective solution at the front-line of BASELIENE's services, providing design, products and installation services for residential, commercial and industrial applications. BASELIENE ensures low-risk, low-cost solutions as new projects, technologies, and concepts are consistently tested. BASELIENE provides access to specialists across disciplines as diverse as advanced computational modeling, offshore structures, and plant decommissioning. It customizes solutions according to the needs of every client. Throughout the process, BASELIENE considers asset lifecycle, calculates and manages risks, adheres to international safety standards and provides contracting flexibility.

Photovoltaic (PV) :

PV produces electricity directly with a technology that is robust, simple, modular, and consistently decreasing in price as production capacity around the world increases. Technologies include flat-plate silicon modules, thin film modules and Concentrating PV (CPV), among other types in the process of development. All of which, BASELIENE services



WORLDWIDE

PARTNERS



Kobeissi Group

- Kelm Engineering Limited - NIGERIA
- Kobeissi Energy - NIGERIA
- kelm Engineering - GHANA
- Baseline Fabrication Limited - NIGERIA

01

CHH Holding

- Harb Electric s.a.l. - LEBANON
- Harb Electric for Cables s.a.l. - LEBANON
- Blue Electric s.a.l. - LEBANON
- Harb Electric s.a.l. Offshore - LEBANON

02

PAC

Power & Automation Control: Authorized Panel Builder certified by ABB - LEBANON

03

ELICOM

Electrical, Industrial & Commercial Company - CONGO

04

PAC-QATAR

Power & Automation Control: Authorized Panel Builder certified by ABB - QATAR

05

PLC

Supply of Electro-Mechanical products - Qatar

06

EMEQ

Electro-Mechanical Engineering Company - QATAR

07

DVAC

Duct Ventilation & Air Conditions - QATAR

08

SOME OF OUR LATEST PROJECTS

- CBN -JOS
- stock exchange-Port harcourt
- PHEP -Port harcourt
- Bhojraj Industries Limited-adejumo ave
- Villa Guzape-port harcourt
- IMB -Victoria Island
- Zenith Bank -Victoria Island
- "Refurb. Of Existing Packaging line 2 MCC-ONITSHA"
- intercontinental hotel -Victoria Island
- prince ebano Supermarket -Iekki,ikeja ,abuja
- Lasema -Iekki
- ETC -Victoria Island
- international breweries -shagamu
- NIA -ikoyi
- Gerrard project -ikoyi



REFERENCE

- ETCO FM LTD
- CRANEBURG CONSTRUCTION
- CLEVER ENERGY SOLUTION
- LUBRIK CONSTRUCTION COMPANY
- Prince ebano
- VITA CONSTRUCTION LTD.
- ZENITH BANK
- M&E Kaiser Limited
- Promasidor Nigeria Ltd
- A & K CONSTRUCTION
- sumal food
- Bhojraj Industries Limited
- SAGAR VITACEUTICALS NIGERIA LIMITED
- GOLDEN OIL INDUSTRIES
- Xrock investements, construction & work limited
- VACC
- I.T.b
- CIC
- Megawatt
- Nairda

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