

SEABRA^{MIDDLE EAST}

REFRIGERATION - AIR CONDITIONING - ENERGY SOLUTIONS - WATER SOLUTIONS



COMPANY PRESENTATION

SEABRA MIDDLE EAST is the first player in this market that coordinates and harmonizes 4 engineering specialties: **INDUSTRIAL REFRIGERATION, AIR CONDITIONING, ENERGY SOLUTIONS and WATER SOLUTIONS**, with multidisciplinary teams in their assessment and validation, in addition to ensuring technical assistance the work.

With over 65 years of experience in the international market, we seek to serve our clients with added value innovative solutions to their projects and businesses. **SEABRA MIDDLE EAST** has a team of 600 high skilled engineers all over the world, experienced and qualified in all competences of construction management, developing rigorously all work supervision, financial monitoring and scheduling.

SEABRA MIDDLE EAST is a reference company in engineering sector, designing and implementing energy-efficient solutions fully tailored to each client's needs, combining competitive deployment costs with reduced operation costs, using new products and solutions entirely developed by its R&D + innovation department.

We ensure the most complete quality control of materials, equipment and methods of execution of all contracts and supplies always focused on energy efficiency strategy.

- 65 YEARS OF EXPERIENCE
- 600 HIGH SKILLED ENGINEERS CONTROLLING THE FULL WORKFORCE WORLDWIDE
- 25 COMPANIES IN THE GROUP
- ACTIVE IN 16 COUNTRIES



3 Certified Companies:
H Seabra | Holding
H Seabra | Industrial Refrigeration
Seabra | Service

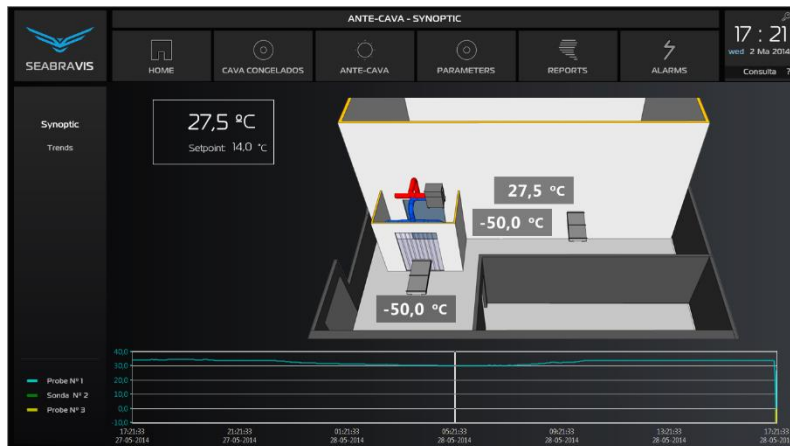
WE ARE PRESENT: PORTUGAL • ANGOLA • ALGERIA • EQUATORIAL GUINEA • MOZAMBIQUE • SAUDI ARABIA • SPAIN • UNITED ARAB EMIRATES • VENEZUELA

WE DID WORK: BRAZIL • CAPE VERDE • FRANCE • MORROCO • SAO TOME AND PRINCIPE • SOUTH AFRICA • TIMOR

UNIQUE COMPETITIVE ADVANTAGES

SEABRA MIDDLE EAST designs smart systems using state-of-the-art high quality engineering. Our systems are also optimized to provide the highest levels of energy efficiency. Our Command & Control platform allows our customers to have full control over their MEP/Electromechanical systems in just one single platform, fully integrated, easy to use and accessible anywhere from your tablet or smartphone.

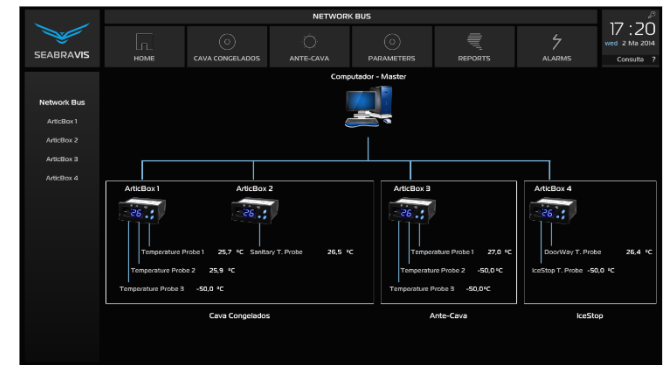
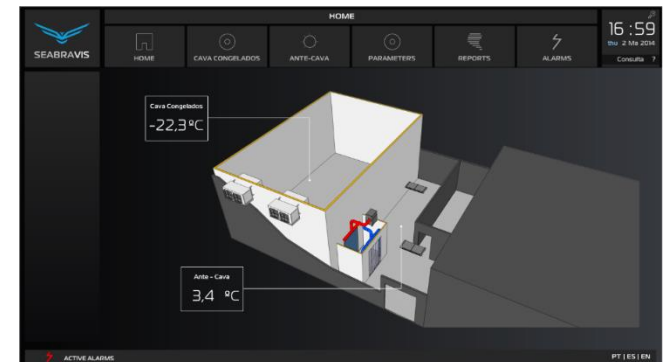
The company has a unique positioning due to its experience and competence. We have developed long lasting relationships with many different suppliers and manufacturers, which allows us to get better prices than other competitors as well as early access to new products that are not yet openly available in the market. This means our customers have access to better solutions at a very competitive price.



UNIQUE COMPETITIVE ADVANTAGES

SEABRA MIDDLE EAST also has its own manufacturing capacity in several countries, including GCC region. This ensure us the required independence from suppliers and allows us to truly provide a full tailor made solution for our customers. This approach is the best assurance we can provide of a perfectly fit solution for the existing need, superiorly designed from engineering point of view and backed by the most advanced technology.

- SMART SYSTEMS
- HIGH QUALITY ENGINEERING
- ENERGY EFFICIENT SYSTEMS
- INTEGRATED AUTOMATION AND CONTROL SOLUTION FOR ALL MEP/ELECTROMECHANICAL SYSTEMS (ONE SINGLE SOLUTION)
- EASY TO USE AND ACCESSIBLE ANYWHERE



- INDUSTRIAL REFRIGERATION
- HEATING, VENTILATION AND AIR CONDITIONING (HVAC)
- ENERGY SOLUTIONS
- WATER SOLUTIONS



INDUSTRIAL REFRIGERATION

SEABRA MIDDLE EAST creates and develops Industrial Refrigeration projects in all market segments of agro-food chain, such as Meat, Fish, Logistics, Ice, Beverages, Food Distribution, Vegetables, Dairy and Chemical/Pharmaceutical. It has the know-how and capability of creating:

LARGE LOGISTIC PLATFORMS;

SLAUGHTERHOUSES;

FISH PROCESS CENTRES;

FREEZING TUNNELS;

CARTON FREEZERS;

ICE PLANTS;

CHEMICAL/PHARMACEUTICAL WAREHOUSES;

DAIRY PROCESS CENTRES;

FRUITS AND VEGETABLES WAREHOUSES.



ICESTOP

Product fully developed by our R&D+i department. ICESTOP is an intelligent system of frozen ante-chambers dehumidification for ice elimination inside the chambers, allowing a better and safer product preservation, as well as increased energy efficiency.

Energy consumption can be brought down considerably.

BEFORE AND AFTER



HSC

HSC is a product totally developed by Seabra aiming at local or remote monitoring of refrigeration compressors.

This system brings improvements to compressors setup, replacing the traditional compressor control with its advanced communication system.

It also allows energy improvement and increased revenues through a total integration in the facilities as well as all dependent equipment's. It's a multibrand platform, adapting to all compressor types and brands.



HEATING, VENTILATION AND AIR CONDITIONING

HVAC (Heating, Ventilation and Air Conditioning) is another specialized area of SEABRA MIDDLE EAST for comfort and industrial process facilities, dedicated to specific solutions for GCC markets.

The nature of HVAC works requires the competent training and specialization of the employees involved, in order to comply rigorously with the energy efficiency requirements for each project. Our solutions provide state-of-the-art technology with reduced energy consumption.



With in-depth know-how in Energy and Communications market, **SEABRA MIDDLE EAST** team is composed by specialized engineers, dedicated to the development of energy efficient projects customized to each client's needs.

Develops and executes projects in the Energy Production areas (MHPs – Micro Hydro Power Plants), Energy Transformation (Substations Switching and Transformer Stations), VHV (Very High Voltage) and HV (High Voltage) Transportation Networks, Energy Distribution (MV Distribution Networks – Medium Voltage, subterranean and aerial), (LV Distribution Networks – Low Voltage, subterranean and aerial), (PB Grids – Public Lighting Networks – Road Lighting, subterranean and aerial), (LV Live Working – Networks and infrastructures up to 400Kv) and Telecommunications.



SEABRA MIDDLE EAST has a specialized team in hygiene and water treatment services, as well as desalinization processes. In such of an important area, the team has given a strong contribution to the development of technologically advanced projects in order to address the need of water hygiene and treatment in the countries where it operates.



Our goal is to fulfill each client's needs, in a search for the optimization of the equipment's operating conditions and installations, thereby guarantying high levels of profitability, safety and energy efficiency.

REFERENCE PROJECTS



PORTUGAL • ANGOLA • ALGERIA • EQUATORIAL GUINEA • MOZAMBIQUE • SAUDI ARABIA • SPAIN • UAE • VENEZUELA



REFERENCE PROJECTS

Project: Full design & construction of a set of logistics platforms for food products

Location: Algeria

Total Value: 1 billion AED



Slaughterhouse with
40.000 m²



Logistic platform with
15.000 m²

REFERENCE PROJECTS

Project: Complete MEP works for 60 hotels

Location: Angola

Total Value: 400 million AED



20 five stars Hotels with 150 rooms



40 three stars Hotels with 60 rooms

REFERENCE PROJECTS

Project: Oil & Gas Institute with complex engineering advanced smart control system, clean rooms, labs, etc.

Location: Equatorial Guinea

Total Value: 10 Million AED



Oil & Gas Institute with 10.000 m2



REFERENCE PROJECTS



Automatic freezing tunnel freezer with capacity for 22 Ton/h of and a storage capacity of 180 tons. This tunnel has dimensions of 32.2 x 13.3 x 9.7m (WxLxH) and represents the top technology in "carton freezers"

Project: Refrigeration projects for food processing plants with large capacity and workload

Location: Venezuela

Total Value: 180 million AED



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