

Infrastructure for Defense and Security Solutions



Integrated solutions for critical systems

The need for instant connectivity to information technology and telecommunications services is a reality and requires the implementation of specific infrastructure, capable of guaranteeing the reliability of the systems. Focused on supporting the strategic planning of corporations, CLEMAR presents and develops its activities for complete infrastructure solutions for the area of defense and security.

Executive project (infrastructure)

Infrastructure

Construction, AC, DC and emergency AC power (Genset), grounding, alarm and combat fire systems, air conditioning systems, supervisory and telesinalization systems, structured cabling, optical fiber, heritage security systems (access control and CCTV), supply and assembly of structures to support antennas, radars, radome and other options.

Installations

Commissioning, integration and implementation of equipment, assets and liabilities.

Tests

Testing and optimization to get the best service possible.

Maintenance

Preventive and corrective maintenance.

Permits

Viabilization of sites (acquisition) and complete licensing.





Integrated Solutions for Defense and Security Systems

Infrastructure for equipment

- Construction
- Steel structure
- Containers, CelPoste shelter or underground shelter
- Urbanization and Landscaping
- Rehabilitation of Environments
- Custom Deployments



Power Systems

- Substations
- PTTA distribution panels in Medium Voltage and Low Voltage
- Genset Systems
- UPS Systems
- Direct Current Systems
- Electrical infrastructure (busway, electro tiles, lighting)
- Earthing Systems and lightning protection

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Complete Solutions

To house mission critical equipment with infrastructure according to customer needs, including: civil works, AC / DC power, air conditioning, access control, CCTV, regular and early fire detection system, fire alarm, Inert gas, automation system and building supervision.



Renewable energy

Infrastructure for Solar and Wind Power Plants



Air Conditioning Systems

Chillers with air and water condensation
Selfs (perimeter and Inrow) and precision fancoils
Precision Wall Mounted
Automation
Enclosure Systems
Pipeline networks and accessories



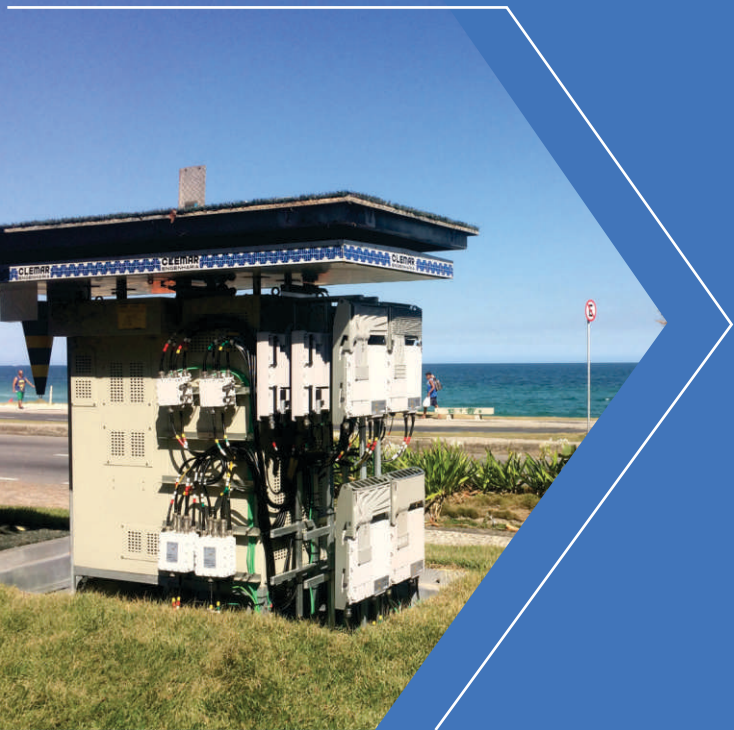


Integrated Container

Shelter for equipment with complete infrastructure, equipped with AC power, DC power, alarm, fire combat and air conditioning.

CelPoste

Shelter for mast equipment for the implementation of compact solutions alongside public roads, sidewalks and squares, parking areas and exhibition centers, without the need for large investments and demand for a useful area.



Underground Shelter

Airtight, underground, elevated and ventilated shelter for deployment in compact solutions alongside public walkways and squares, without the need for large investments and demand of a useful area, with a significant reduction of visual impact.



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