

2026

BHT

ENGENHARIA E MONTAGENS

CORPORATE PRESENTATION
RAILWAY SYSTEMS

COMPANY OVERVIEW

BHT Engenharia e Montagens Ltda., registered under CNPJ No. 10.721.715/0001-97, is a Brazilian company specialized in the execution of engineering services and electromechanical installation works, with a focus on railway electric traction systems.

Founded in 2009 and headquartered in São Paulo, Brazil, BHT has established itself in technically complex projects, including the implementation, modernization, maintenance, and commissioning of:

- Overhead Contact Systems (OCS)
- Third rail systems
- Associated railway infrastructure

Operating exclusively for private sector clients, BHT has proven experience in active railway environments, including:

- Restricted access operations
- Railway possession windows
- Integration with multiple technical disciplines

With nationwide operations, BHT maintains mobilization and execution capacity suitable for medium and large-scale contracts, ensuring:

- High technical standards
- Operational safety
- Full compliance with contractual requirements

TECHNICAL CAPABILITIES



CATENARY SYSTEM FIXED	CATENARY SYSTEM FLEXIBLE	CATENARY SYSTEM AUTO-TENSIONED	THIRD RAIL SYSTEMS
ELECTROMECHANICAL INSTALLATIONS FOR RAILWAY INFRASTRUCTURE			
POWER CABLE INSTALLATION			TRACTION SUBSTATIONS
CIVIL WORKS ASSOCIATED WITH TRACTION SYSTEMS IMPLEMENTATION			OVERHEAD LINE MAINTENANCE

OVERHEAD CONTACT SYSTEM (OCS) INSTALLATION – LINE 1 – SALVADOR

OPERATIONAL ASSETS

EMPLOYEES
130

SIMULTANEOUS MOBILIZATION OF
MULTIPLE WORK FRONTS

EXPERIENCE IN
RESTRICTED-ACCESS OPERATIONAL ENVIRONMENTS

EXECUTION UNDER
RAILWAY POSSESSION WINDOWS

INTEGRATION WITH
OPERATIONS TEAMS AND CONTRACTORS

FLEET

- 08 ROAD-RAIL TRUCKS WITH CRANE (MUNCK) AND PLATFORMS
- 04 CRANE TRUCKS
- 05 MINIBUSES
- 03 LIGHT UTILITY VEHICLES
- 08 UTILITY VEHICLES
- 04 RAILWAY FLAT WAGONS

OCS INSTALLATION – MANGUINHOS VIADUCT – RIO DE JANEIRO

COMPETITIVE ADVANTAGES

REFERENCE IN BRAZIL FOR OVERHEAD CONTACT SYSTEM (OCS) INSTALLATION
Over 400 km of OCS delivered

PROVEN EXPERIENCE IN LIVE RAILWAY ENVIRONMENTS
Execution under possession windows and restricted access conditions, with minimal impact on operations

IN-HOUSE MOBILIZATION STRUCTURE
Own fleet and workforce, ensuring agility and full operational control

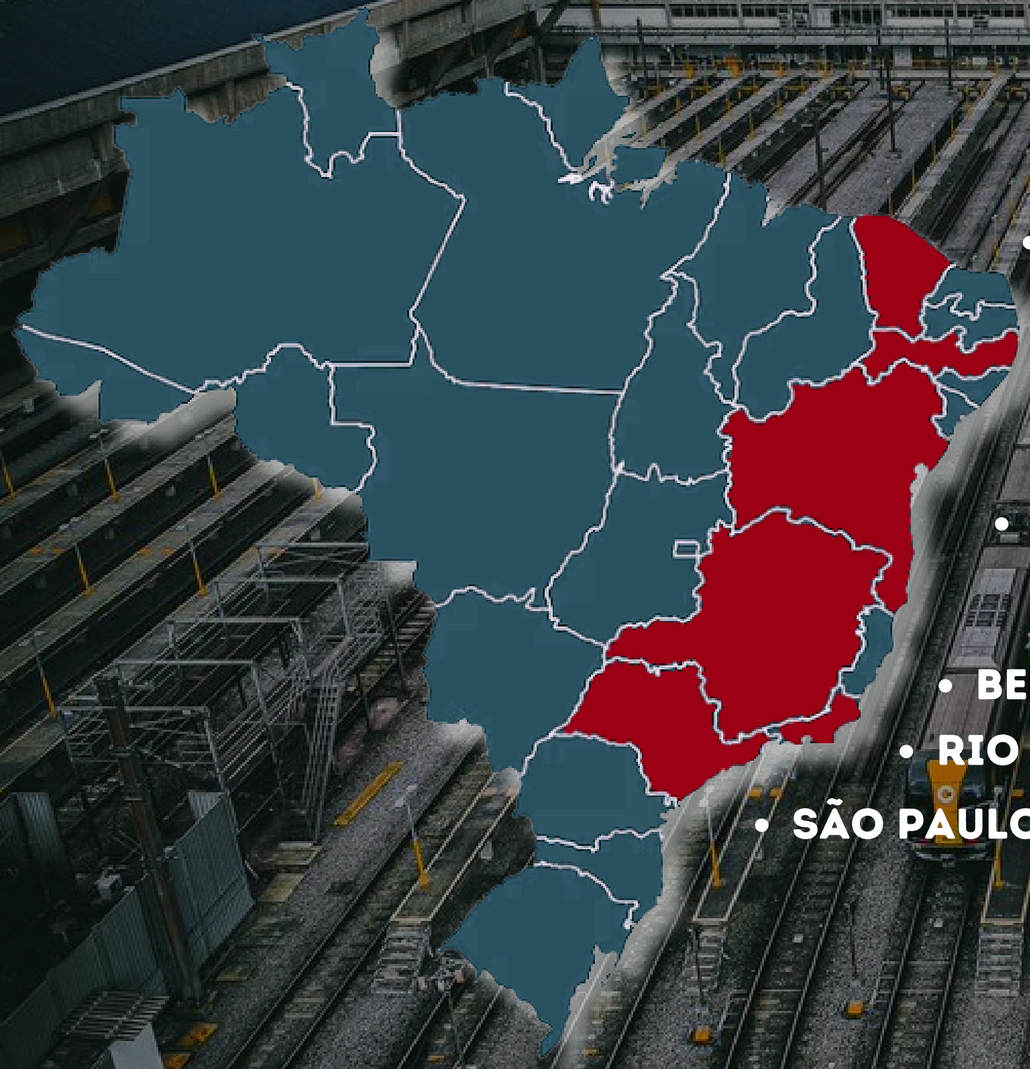
SIMULTANEOUS MULTI-FRONT OPERATIONS
Capability to meet aggressive project schedules

MULTIDISCIPLINARY INTEGRATION
Interface with power systems, track, signaling, and railway operations

STRONG TRACK RECORD WITH MAJOR CONTRACTORS
Projects delivered for Acciona, CCR, Siemens, Alstom, Balfour Beatty, among others

HIGH STANDARDS IN SAFETY AND QUALITY (HSEQ)
Execution fully aligned with railway industry standards and requirements

OPERATING LOCATIONS



- FORTALEZA
- RECIFE
- SALVADOR
- BELO HORIZONTE
- RIO DE JANEIRO
- SÃO PAULO

NATIONWIDE OPERATIONS, WITH TEAM MOBILIZATION ACCORDING TO CONTRACTUAL DEMAND

(OCS) INSTALLATION - VILA SÔNIA DEPOT - LINE 4 - SÃO PAULO

RAILWAY SYSTEM EXPERIENCE

MAIN OVERHEAD CONTACT SYSTEM (OCS) PROJECTS

CLIENT: SIEMENS / TIISA
Executed: 86Km
Location:
- Metrô of Salvador (3KVcc) - BA

CLIENT: CONSÓRCIO ICS
Executed: 50Km
Location:
- Line 7 (3KVcc) - SP

CLIENT: CONSÓRCIO ESMERALADA
Executed: 40Km
Location:
- Line 9 (3KVcc) - SP

CLIENT: ACCIONA
Executed: 39Km
Location:
- Line 6 (1.5KVcc) - SP

CLIENT: CONSÓRCIO TOSHIBA / TIISA
Executed: 36Km
Location:
- Line 5 (1.5KVcc) - Guido Calói Depot
- Adolfo Pinheiro / Chácara Klabin - SP

CLIENT: ALSTOM / SNEF - ENERG POWER
Executed: 29Km
Location:
- Line 4 (1.5KVcc) - Depot and Túnel - SP
- Train Depot (25KVac) - Lapa - SP

CLIENT: CST (CONSBEM/SERVENG/TISA)
Executed: 24Km
Location:
- Line 13 (3KVcc) - Lots 2 and 4 - SP

CLIENT: CONSÓRCIO EXPRESSO VLT
Executed: 20Km
Location:
- Santos / São Vicente (750Vcc) - SP

CLIENT: CONCREJATO / ENGIBRAS
Executed: 12Km
Location:
- Line 9 (3KVcc) - Grajaú / Varginha - SP

CLIENT: CONSÓRCIO AMV
Executed: 11Km
Location:
- AMVs Lines 8 and 9 (3KVcc) - SP

CLIENT: MOTIVA / TIC TRENS
Scope: Overhead Contact System Maintenance Contract (On-demand model)
Location:
- Total in Lines 8, 9 and 7

PROJECT AND (OCS) INSTALLATION - VLT SANTOS

HEALTH, SAFETY, ENVIRONMENT AND QUALITY (HSEQ)

We maintain a dedicated HSEQ management structure aligned with the nature and criticality of railway projects.
Our specialized technical team operates in close integration with field operations, ensuring continuous control of execution conditions.

MANAGEMENT SYSTEM

The following practices are systematically implemented:

- PRA – Preliminary Risk Assessment
- Work Permit System
- Daily Safety Briefings (DDS)
- Onboarding and integration programs
- Workforce training and qualification programs
- Periodic field inspections and operational control

OPERATIONS IN CRITICAL ENVIRONMENTS

Proven experience in:

- Working at heights (NR-35)
- Confined spaces (NR-33)
- Live railway operational environments

COMPLIANCE WITH CONTRACTUAL REQUIREMENTS

BHT ensures full compliance with Health, Safety and Environmental requirements established by clients, including:

- Documentation control and workforce certification
- Compliance with railway operator requirements
- Allocation of safety personnel per work front
- Full adherence to regulatory standards and project operational guidelines

RECOGNITION AND AWARDS



FINAL REMARKS

BHT Engenharia e Montagens Ltda. is positioned as a strategic partner for the delivery of railway electric traction systems, providing high-performance solutions with proven reliability, safety, and technical excellence.

With a highly qualified technical team, robust resources, and extensive experience in critical railway environments, BHT ensures full compliance with contractual requirements and demanding project schedules.

Our commitment is driven by performance, quality, productivity, and strict adherence to technical standards.

Delivering railway infrastructure with precision, safety, and performance.