



 CPU Boards for TCMS

 Payment and validation terminal

 Event recorder & Tachometer

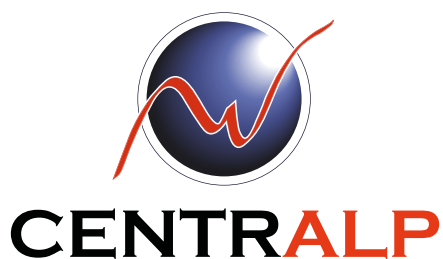
 DMI TCMS

 DMI ERTMS

 Internal & external communication

 Access Control

 CPU Boards for Signalling



**EMBEDDED  
ELECTRONIC  
SYSTEMS  
RAILWAY INDUSTRY**



## **PRODUCT RANGE**

We have created 4 product ranges based on the latest technologies and market requirements.

### **KVISION**

#### **DRIVER TO MACHINE INTERFACES**

DMI / HMI / TOD, from 8.4" to 15". No SIL to SIL2 and redundant solutions available



### **KTACHY**

#### **TACHOMETER & EVENT RECORDER**

Tachometer and event recorder for light rail vehicles



### **KCOM**

#### **COMMUNICATION ROUTERS**

Communication routers with 3G / 4G / LTE GSM and GSM-R – links up the train with external networks



### **KACCESS**

#### **ACCESS CONTROL**

Access control, desk activation and driver login



## **WE ARE**

**2** MANUFACTURING SITES

 **200** EMPLOYEES

**100** % TESTED AND CERTIFIED SOLUTIONS

CREATED IN **1971**

**5** PRODUCTS OPERATING IN CONTINENTS

## **OUR VISION**

- ✓ A constant investment to satisfy our requirements of quality, efficiency and sustainability of our solutions
- ✓ A real commitment to protect the environment through our environmental policy
- ✓ An inexhaustible thirst for innovation and technological solutions



# CUSTOM PROJECT

Thanks to our R&D team and manufacturing facilities, we develop, produce and maintain your customized products. Our existing modules allow us great reactivity and optimized development.s

**ELECTRONIC AND SOFTWARE DEVELOPMENT**



**MECHANICAL AND ELECTRICAL INTEGRATION**

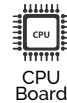


**QUALIFICATION**



## NEED A CUSTOM PROJECT ?

From our existing modules or from scratch, we will work with you to meet your specifications.



CPU Board



Power Supplies

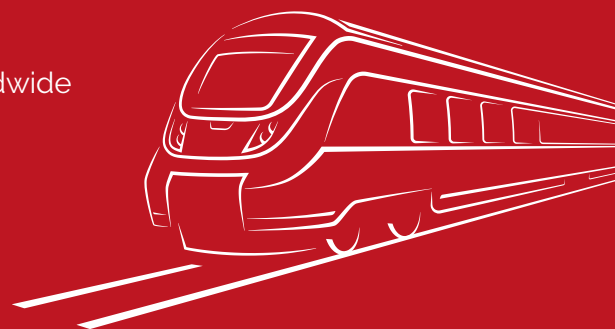


Custom Development



## WHY CENTRALP

- ✓ 45 years of experience and expertise in the railway sector
- ✓ A team of passionate engineers
- ✓ State-of-the-art solutions for long-term project viability
- ✓ Flexible manufacturing facilities
- ✓ A tailor-made service and support
- ✓ More than 30 000 DMI installed worldwide



## WE SUPPORT YOU **AT EVERY STEP**



## GUARANTEE OF QUALITY



### STANDARDS

EN 50155    EN 50129  
EN 50121    EN 50128  
EN 50126    EN 45545

## THEY TRUST US

ALSTOM, ANSALDO STS, AREVA TA, BOMBARDIER, CASCO,  
IKUSI, KEOLIS, KNORR-BREMSE, LOHR, NTL, RATP, ROTEM,  
SIEMENS SAS, SEPSA, SNCF, THALES...



# CENTRALP



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