





COMPANY

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Company Introduction

Application Space

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Metro
and Train
Transportation

Defence

Bus
Transportation

Industrial

Public
Safety

- Ruggedness
- Reliability
- Extended Temperature
- High Availability
- Scalability





Company Introduction

Our Global Footprint

2



Production



R & D - Engineering



Sales



Logistics



Administration



Lyon -France



Bangalore



Thailand



Hong Kong (HQ)





DURION 1300

System Overview

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DURION 1300 Wireless MVB Gateway

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Railway System Design

Key Considerations

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1. System Definition

- Price advantage through full-integration
- Reliability and maintenance cost
- Lifecycle costs (scaling and upgrading)
- Cost of system downtime, quality and reliability
- Future proof

2. Compliance

- *EN50155 –T3 temperature compliance*
- EN50121, EN55011 electromagnetic and EMC compliance
- EN61373 shock and vibration
- EN60950 safety and UNI CEI 11170-3 Fire-Smoke compliance

3. Integration

- Support for MVB (ESD+ and EMB)
- GSM-R/GPRS data modem
- Serial and Ethernet ports
- High-Rel ATOM CPU Module
- SSD mass storage for OS, application and data
- Purpose-built enclosure, power supply and protection

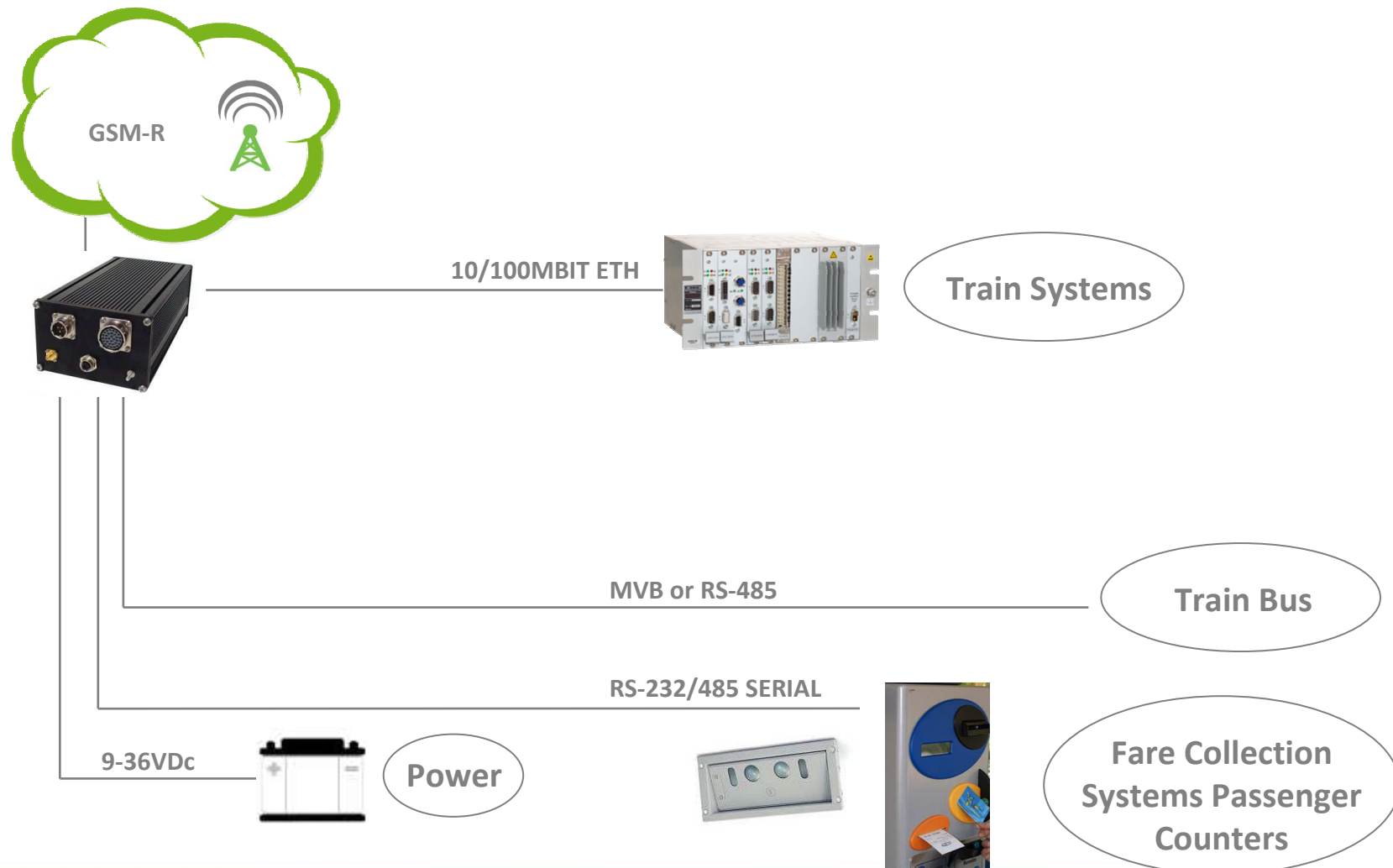




Intelligent Gateway

DURION 1300 – GSM-R and MVB Gateway

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DURION 1300

System Highlights

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1. Purpose Built

- Ultra-Rugged sealed IP65 anodized extruded aluminum enclosure
- MIL I/O-connector, M12 Ethernet, Dual D-9 MVB and SMA connectors
- Wide range power supply 9-36VDC, 3-pole MIL connector
- Rolling stock overvoltage, protection and EMC filtering
- Wide temperature range, -25 to +55°C operating, fanless and conduction cooled
- Flash disk for storage and OS
- Compliance to required standards

2. Integrated

- 1,3GHz Intel ATOM Z510 processor, 1GB RAM, 2GB Onboard soldered Flash Disk
- 10/100Mbit ETH, 2x Serial, 1x USB 2.0
- Selex RGM101 GSM-R / GPRS modem – Data and SMS support
- Duagon D114L MVB-bus interface integrated inside - ESD+, EMD support, compliant with TCN standard IEC61375.

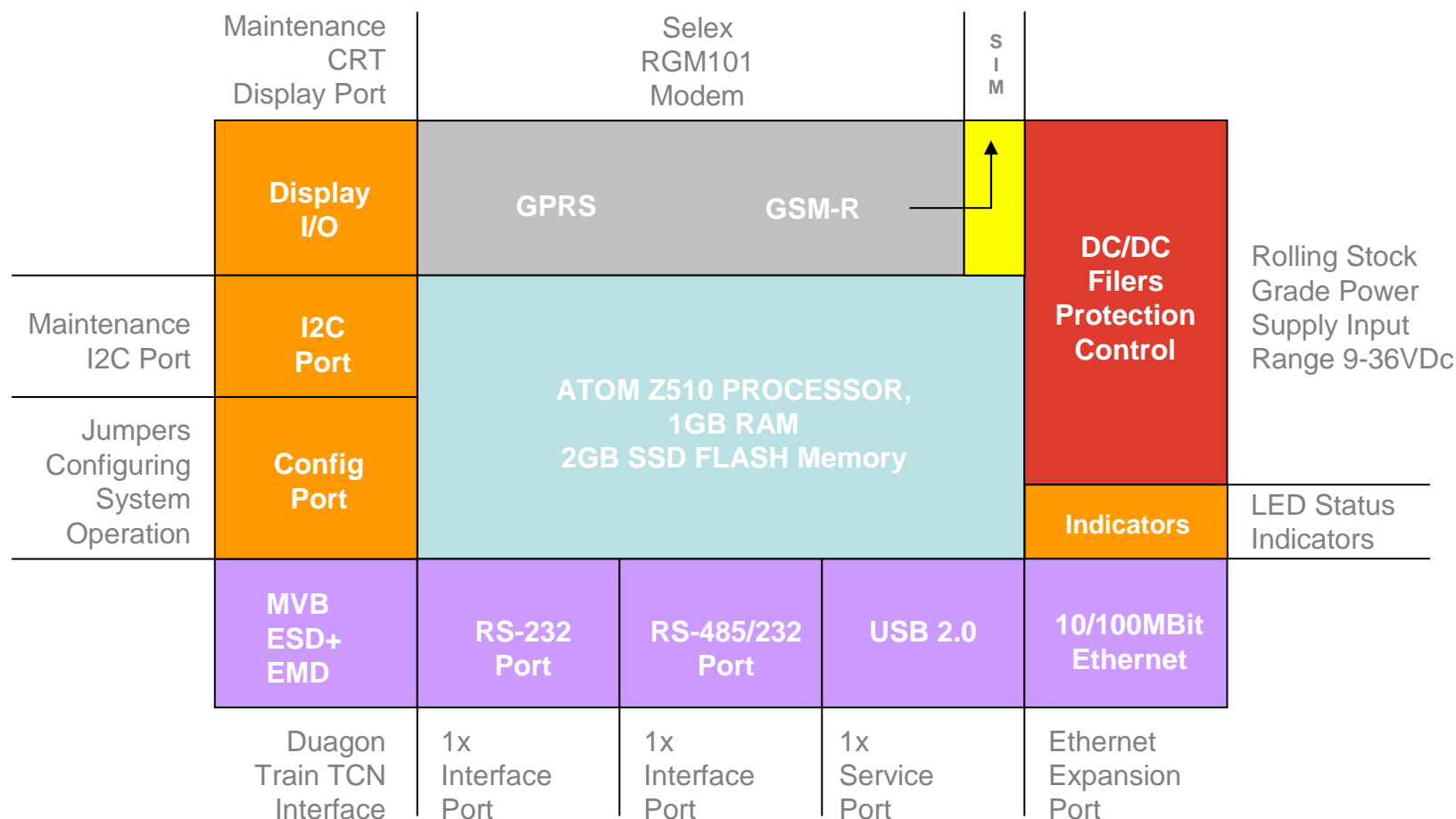




DURION 1300

Block Diagram

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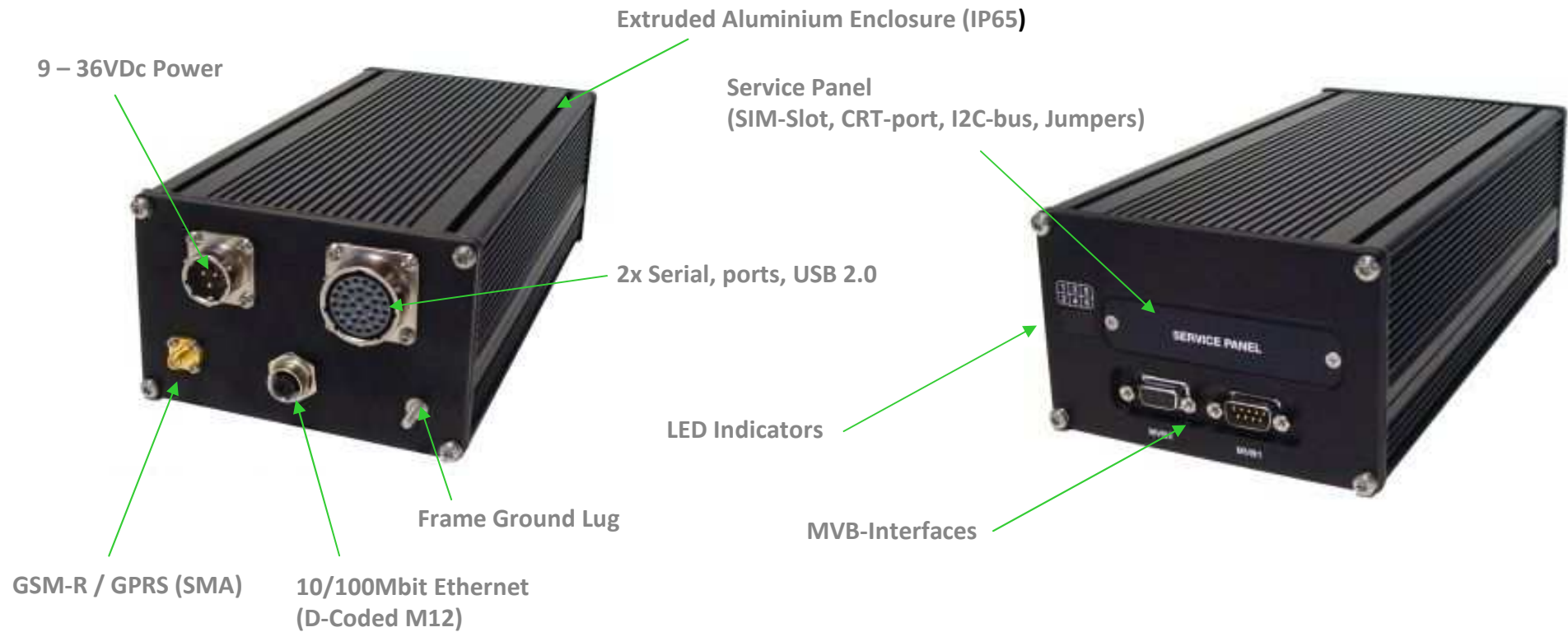




DURION 1300

Connectors and Enclosure

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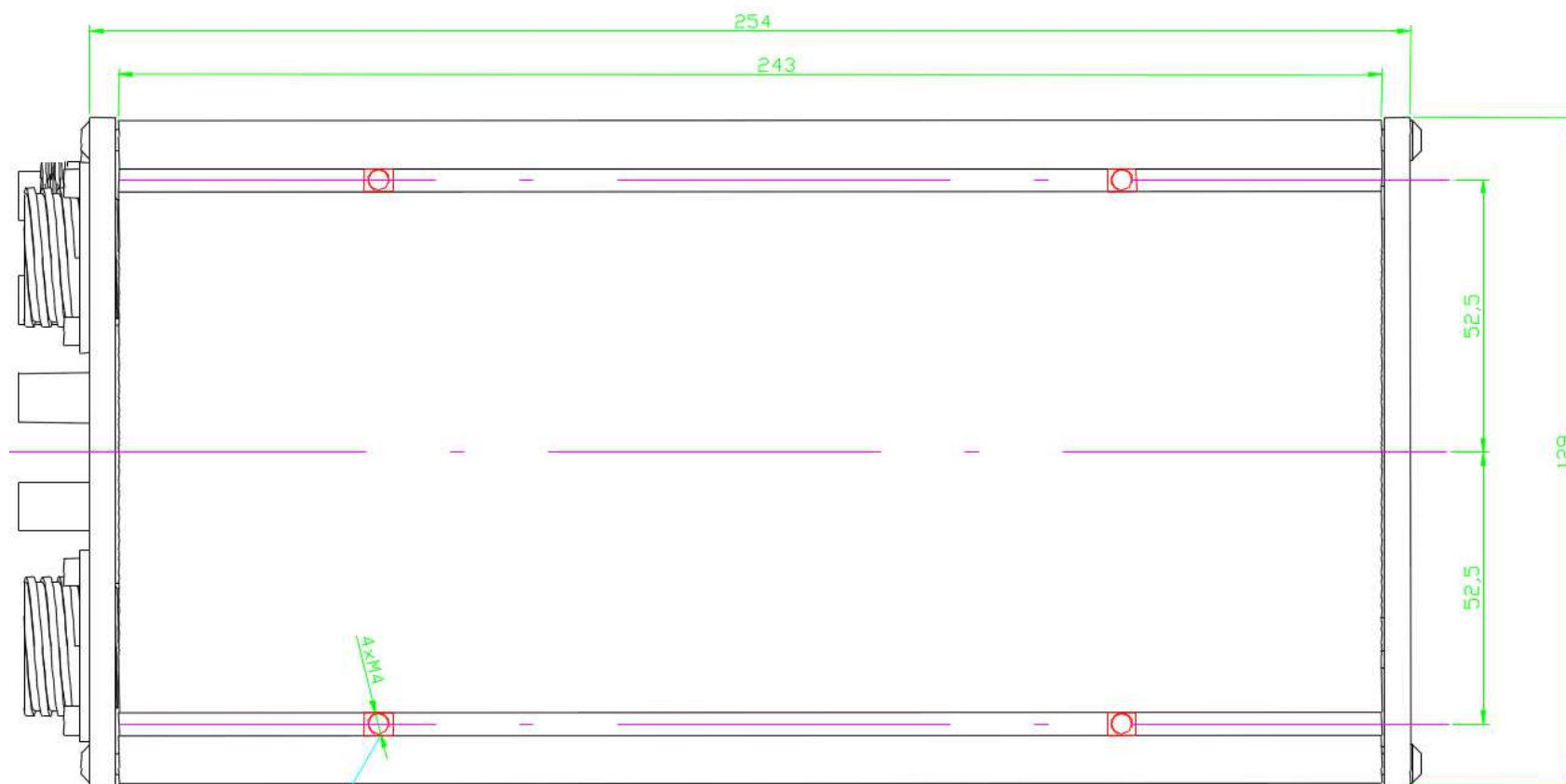




DURION 1300

Dimensions

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SQUARE NUT M4
INDX A2 DIN562



Company

Contact Information

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