

PEMG PROLAN

Energy Meter Gateway



Data Handling System



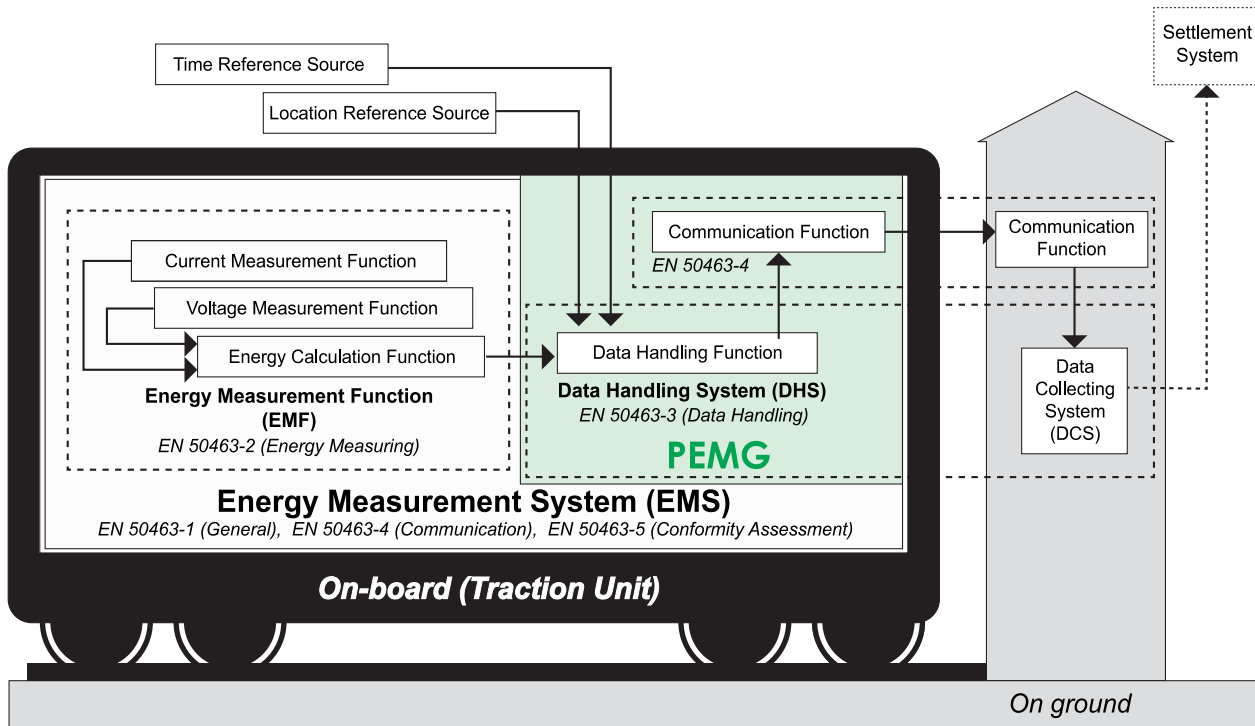
KEY FEATURES

- Certified data processing
- Encrypted communication
- Digitally signed records
- Data loss protection
- Comprehensive certificates

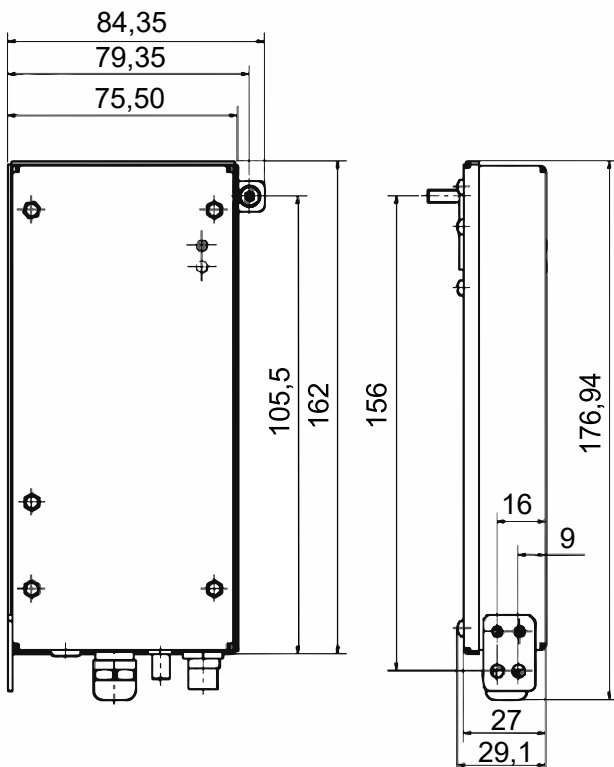
Certificates: RED, EN 45545, CE, EN 50463, EN 50121-3-2, EN 61373

With the implementation of our **PROLAN PEMG** (Energy Meter Gateway) device the electricity suppliers will be able to receive real, authentic energy consumption data directly integrated into their own system, thus enabling the possibility of usage-based settlements.

EMS functional structure and dataflow diagram



The **Prolan PEMG** (Energy Meter Gateway) device is connected to the certified measuring equipment installed on the railway traction vehicles and is capable to both receive and read data directly from the equipment and transmit the generated (digitally signed, encrypted) data record in compliance with the standard to the receiving unit (DCS) via 4G (3G / GPRS / GSM if required) mobile network.



PROLAN 

Prolan Process Control Co.
 H-2011 Budakalász, Szentendrei út 1-3.
 Hungary
 Phone: +36-20/954-3100
 Fax: +36-26/540-420
info@prolan.hu
www.prolan.hu