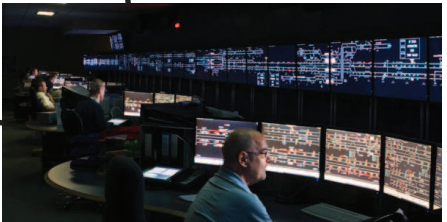


Key Management Centres

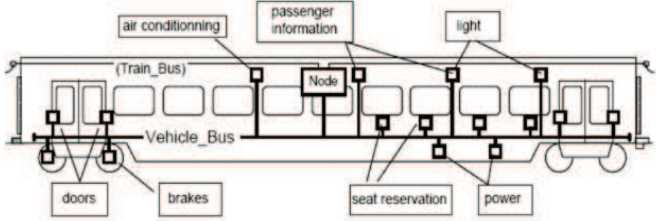
Trusted to set up and maintain keys between Trains and RBCs

Centre to Centre (Trusted)



Regional Control Centre

GSM-R Base station (Mast)



Balise

RFID Communication
No Authentication or Cryptography



Trusted by Train for location, track details (gradients,...) and speed profile

GSM-R
(integrity)

Fixed Network
(trust in physical security)

Radio Block Control (RBC)



RBC to RBC Handover
(Trusted)

