

## SIMATIC RF300 USE CASE

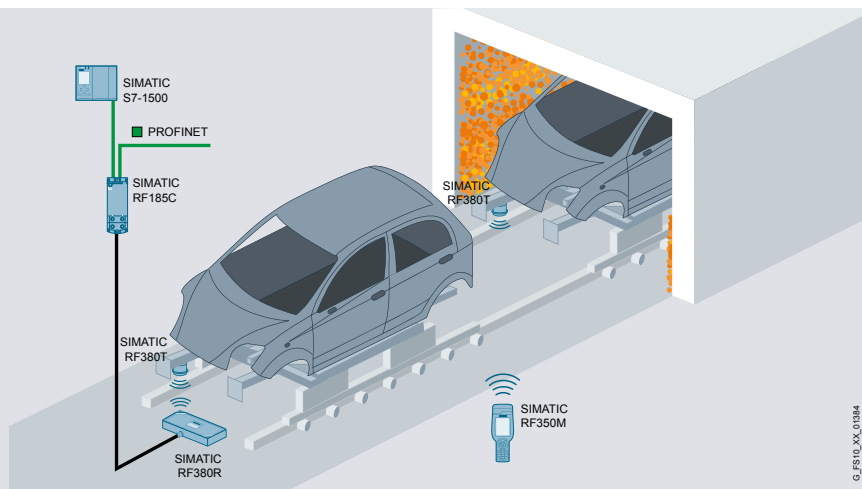
# Painting lines in the automotive industry

### Task

In the paint shop, the unique identification of the skid or body is essential for order-related coloring. Here, aggressive chemicals and drying processes at up to 220°C place very high demands on transponders – pushing their heat and chemical resistance to the limit.

### Solution

The SIMATIC RF380T transponder, which is usually attached to the skid, easily meets the enormous requirements in painting lines when passing through various heating and cooling phases. The powerful SIMATIC RF380R reader mounted on the bottom of the system writes or reads the production data stored on the RF380T. For applications in paint shops, silicone-free components with EX certification must be used. The production order data can also be read by the SIMATIC RF350M mobile handheld reader for maintenance purposes.



### Benefits

- Durable and robust transponders and readers ensuring high investment security
- Reliable identification even in extreme environmental conditions
- Increased quality/productivity through continuous identification at each workstation
- Industry-leading plant safety thanks to Ex-certified components
- Decentralized data storage – improving efficiency via high storage capacity
- Production order data can be read by the SIMATIC RF350M mobile handheld reader for maintenance purposes