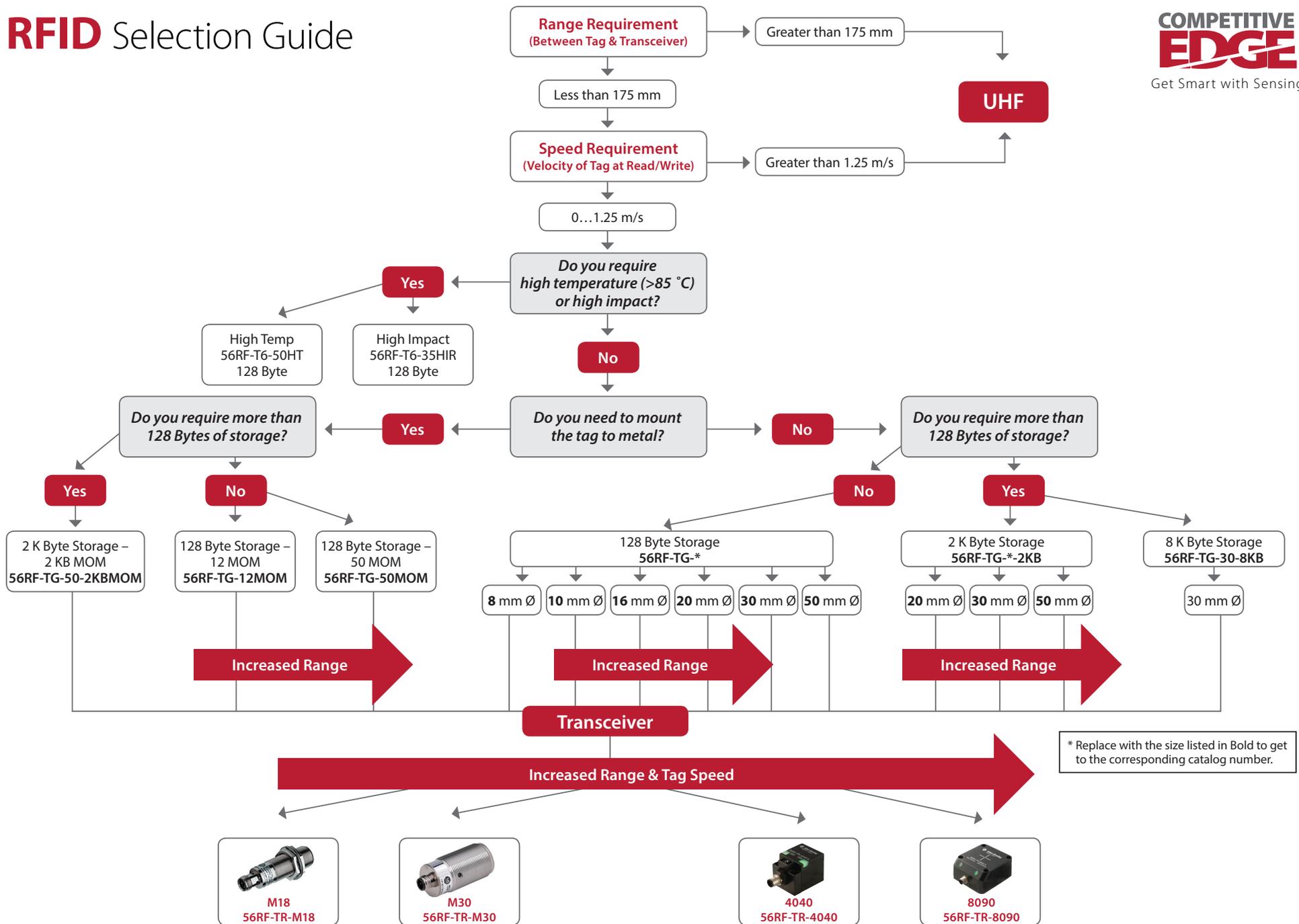


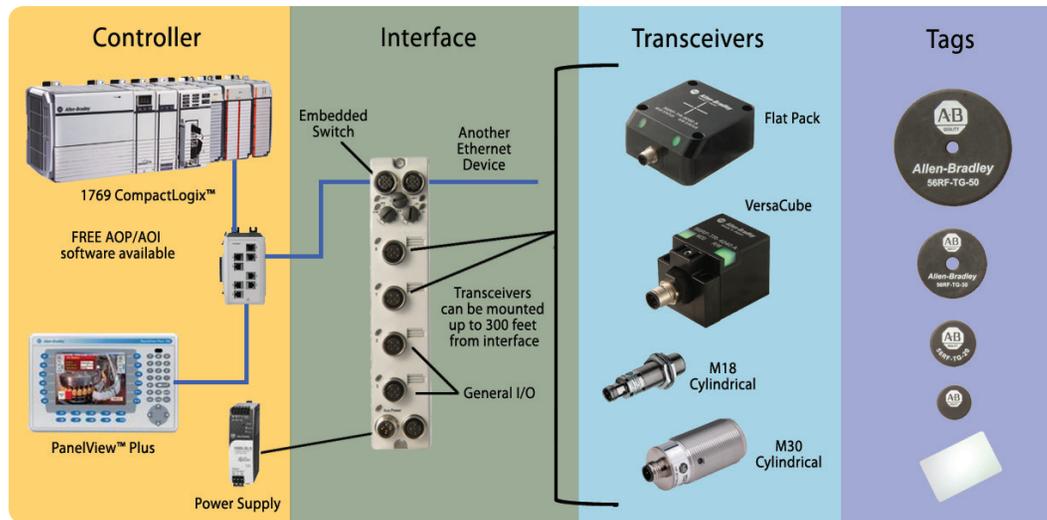
RFID Selection Guide





Industrial Radio Frequency Identification (RFID) systems are a rugged and reliable way to track and document products as they move through the manufacturing process. Unlike the bar code systems used for similar, less demanding applications, industrial RFID systems are designed to withstand harsh environments. Plus, reusable read/write tags allow for flexibility in information and application. ISO 15693 ICODE is an open standard for high-frequency 13.56 MHz RFID. ICODE Tags are lower cost and available from multiple manufacturers in many different styles, physical sizes and memory sizes to fit most applications.

RFID System Components



Benefits of RFID:

- **Production efficiency** – detailed tracking available of who, when, where and what was done to build products
- **Preprogrammed batches** – tags identify which recipe to load automatically, reducing errors
- **Data storage** – tags can retain data that can be modified by the control system
- **Great in harsh environments** – unlike bar codes, tags can handle rugged environments
- **Tags are reusable** – write over them and alter information (data retention for 10 years and 100,000 write cycles)
- **Faster processing of products** – read/write up to 4 tags within transceiver field
- **Tag does not need to be seen** – can be read inside cases, boxes, or other containers



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