

# RFID

Access  
control



**dat con**



RFID (Radio Frequency Identification) is a system that automatically identifies and tracks information from objects with attached tags. RFID uses inductive or capacitive coupling as a mode of communication.



TAGS contain electronically stored information. This information may be read only with the factory-assigned serial number. The system operator can also grant read/write permission in order to write onto the tag.

#### TYPES OF TAGS:

- Passive Tags: without a local power source
- Active Tags: with a battery as a local power source

READERS are most of the time fixed to create a specific interrogation zone to control tags from going in or out of it. Mobile readers, hand-held units, as well as units affixed onto vehicles are available.

#### TYPES OF READERS:

- PRAT: Passive Reader Active Tag
- ARPT: Active Reader Passive Tag
- ARAT: Active Reader Active Tag





#### SYSTEM CONTENTS:

- Tag (Transponder)
- Antenna + Transceiver (Reader)
- Controller (Web Browser)

The system is Wiegand Protocol Compliant

#### THE SYSTEM IS SUITABLE FOR:

- Access control for different facilities, such as Batching Plants, Parking Areas, and facilities that are fully automated and running 24/7
- Internal Logistics for different types of production and storage areas with high traffic fluctuations
- Libraries that manage the renting and returning of books
- Production lines to further optimize different types of products before dispatching to customers
- And many others





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