DominateSmartSite
Transforming the way industries work

Passive RFID vs. Active RFID

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	Description	Passive RFID	Active RFID
1	Restricted In/Out Pathway	Yes	No
2	Read Range	3-5 meters	5 - 50 meters
3	Worker Fall Detection	No	Yes. Enhances workers' safety
4	Worker SOS Button	No	Yes. For emergency reporting
5	Mobile Tag Scanning	Via expensive UHF handheld	Via any smart phone (Beacon Mode)
6	Reusable	No	Yes
7	Required AC Power	Yes. For every scanning points	No. Uses long-lasting battery
8	Required Internet	Yes. For every scanning points	No. Uses its own BLE Mesh network
9	Ease of Installation	No	Yes. 2 minutes per device
10	Ease of Maintenance	No. 4 RF cables per device	Yes. No cables or connections
11	System Costs	Same as Active or higher. Project dependent	Same as Passive or lower. Project dependent

Note: Dominate SmartSite applications works with either Passive RFID, Active RFID or combination of both.

Active RFID Solution Architecture