The simple RFID Solution that captures, filters & sends asset movements directly to your system
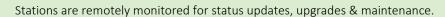

One of the biggest problems in organisations today is getting users to update back-end systems with asset locations and when they were last seen, resulting in poor asset utilisation, increased capital expenditure and wasted man hours looking for assets.

What if you could automatically capture your asset movement data and feed it directly into your back-end systems in real time?

eVantage from Codegate is a fixed UHF RFID read station that captures information from low cost tags fitted to assets as they pass by. eVantage filters out any interference and updates your back-end system in real time.

No PC is required to power the read station and data can be sent to the remote server via a LAN, WiFi or 4G network connection, the station can even be powered by PoE making installation quick and simple.

eVantage continues to capture asset movement information even if the network connection is lost by storing data locally and forwarding as soon as the connection is restored. If power to the unit is suddenly lost, any captured data is safe and will be forwarded once power resumes.

Stations are remotely monitored for status updates, upgrades & maintenance.

Suitable for dock doors, office doors, corridors & walkways, external roadways, barriers, gatehouses & many more applications.

With a selection of optional environmental enclosures and antennae, eVantage is suitable for tracking assets in most environments, inside and out.

If you want to track your assets over a large area with minimal infrastructure, eVantage Mobile is available to fit to the roof of a service vehicle. With the addition of a mobile rugged PC, eVantage Mobile not only identifies your assets, but using it's in built GPS tracking functionality, it will provide a precise location which could be used to plot assets on a map.

Built using industry leading technology by leading British RFID experts.

We don't want your RFID installation to be a technological headache, so we use the best hardware technology available in the industry and our RFID installation team will ensure that your eVantage system is setup and tuned to give you the maximum read range possible.

With remote support, we can even tune your readers remotely as well as ensuring that you benefit from the latest eVantage features, firmware updates and alerts.

eVantage has many different interfaces enabling it to communicate directly with most asset management systems.

eVantage integrates directly into Codegate Lime, our IoT platform that offers a highly configurable presentation layer, automated alerts, reminders, closure mechanisms and full audit trails automatically. Find out more about Lime at www.codegate.co.uk/lime.

Specifications

Network Comms	LAN, WiFi only or 4G & WiFi.
Comms Protocol	REST calls, other options available on request
RFID Protocol	ISO18000-6B,ISO18000-6C（EPC GEN2).
Frequency Range	865~868MHz.
Operation Mode	Fixed Frequency or FHSS Software Programmable.
RF Power Output	0~27dBm.
Reader Options	Zebra FX7500 or Keonn Advan 150
Antenna	Multiple options dependant on application
Power Supply	DC +24V supplied via included PSU or POE.
Enclosures	Powder Coated Steel or Plastic Environmental enclosures available on request.
Operating Temp	-20℃ to＋55℃.
PC	No local PC required so no IT support or user access credentials, keyboard or mouse necessary, eVantage Mobile is supplied with ruggedized PC.
Device Manager	Software installed for remote upgrades, maintenance and status monitoring
Power Protection	Auto recover functionality following sudden power loss when power supply is restored.
Comms Protection	Includes 'Store and Forward Operation' meaning the software continues to capture data when connection is lost and will forward on when the connection resumes.

For more information call 01235 831125 or visit   codegate.co.uk/evantage

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