

# eVantage UHF

## Embedded software for tracking passive UHF RFID tagged assets

Use passive UHF RFID readers with embedded software to track assets at strategic locations, delivering important 'last seen' movement data automatically and without human intervention.



**Know where your assets are without changing or slowing down process.** No human intervention means you get accurate, up-to-date information from a reliable high-availability system.

**Software is embedded,** so no need for complex IT and infrastructure support.

**Tag thousands of assets.** The Passive UHF RFID tags tracked by this software are affordable, and the readers are capable of rapid, high volume scanning.

**Reliable, low maintenance infrastructure.** eVantage UHF is a 'black box' solution. No moving parts, switches, button, keyboards.

**Tolerant of network interruptions.** When the network is lost the last seen data isn't. It will continue to be stored on the reader until it can re-connect to the network and forward the information.

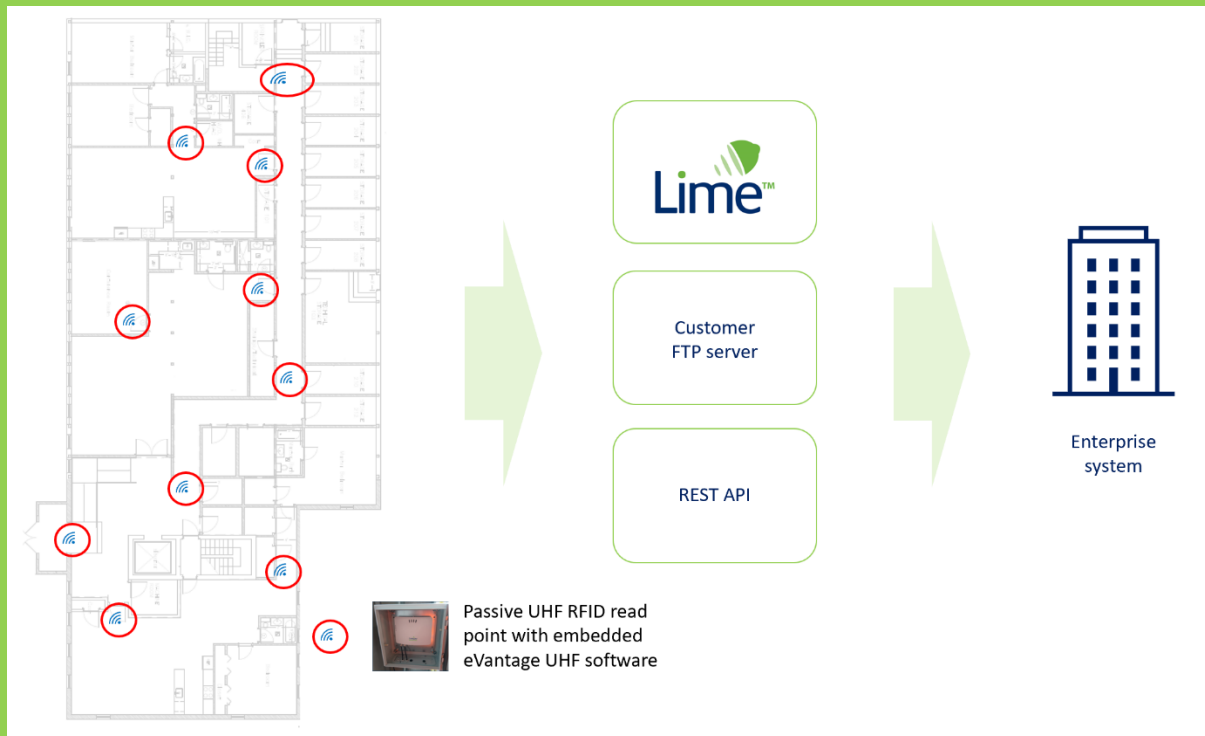
**Remote support and maintenance.** eVantage UHF software includes a remote management client. This provides Codegate with performance data 24/7 and enables us to pick up problems even before the users have spotted a fault. Software updates and file maintenance can be done without needing to visit site.

**Use indoors or outside** - eVantage UHF read points are enclosed in an environmental box suitable for deployment in harsh environments.



*eVantage UHF mobile option available for on-vehicle installation*

## Typical eVantage UHF deployment



eVantage read points can be installed in almost any indoor or outdoor location. Suitable for dock doors, office doors, corridors and walkways, suspended ceilings, gates, barriers, and even open areas where a wider area of coverage may be required.

## eVantage UHF technical information

Network Communications	LAN, WiFi only or 4G & WiFi.
Integration options	RESTful API, FTP, SFTP, FTPS, direct to Lime asset tracking software Custom options available on request
RFID Protocol	ISO18000-6B, ISO18000-6C (EPC GEN2)
Frequency Range	UK: 865 - 868MHz and 915- 921MHz (upper band) Other regions available on request
Operation Mode	Fixed Frequency or FHSS Software Programmable
RF Power Output	0~27dBm
Reader Options	Zebra FX7500, FX9600 Keonn Advan 150
Antenna	Multiple options To suit application
Power Supply	External PSU or POE.
Operating Temp	-20°C to +55°C.
Power Protection	Auto recovery from power loss when supply is restored



Typical installation on a vehicle entrance