Gallagher | Nedap

Long Range Access Solutions

Long range access allows the controlled movement of vehicles and people, all at a distance. Combining Nedap's long range automatic vehicle identification (AVI) with Gallagher's Command Centre system, we can provide solutions that save time, improve security, and keep people safe.

Gallagher | Nedap solution benefits

- Save time with automatic barrier/gate activation prior to a vehicles arrival. Drivers don't need to exit, and freight can move without interruption to where it is needed.
- Reduce risk and prevent liability issues by combining Command Centre's ability to monitor competencies with Nedaps long range access functionality. Expired or insufficiently trained card holders will be prevented access from selected site sectors along with their vehicles. Comprehensive audit trails are kept making all this entry/exit information available for reporting.
- Save costs by automating process that reduce the need for costly labor.

Gallagher | Nedap integration features

- Easy integration into existing systems
- Vehicle and driver only identification tags/boosters
- Integration of Gallagher personnel access cards (125Khz or MIFARE®)
- Read range up to 10m (33 ft)
- Read object speed up to 200 km/h (125mph)
- Adjustable read range shape and distance
- UHF 900MHz options for cost effective non secure applications

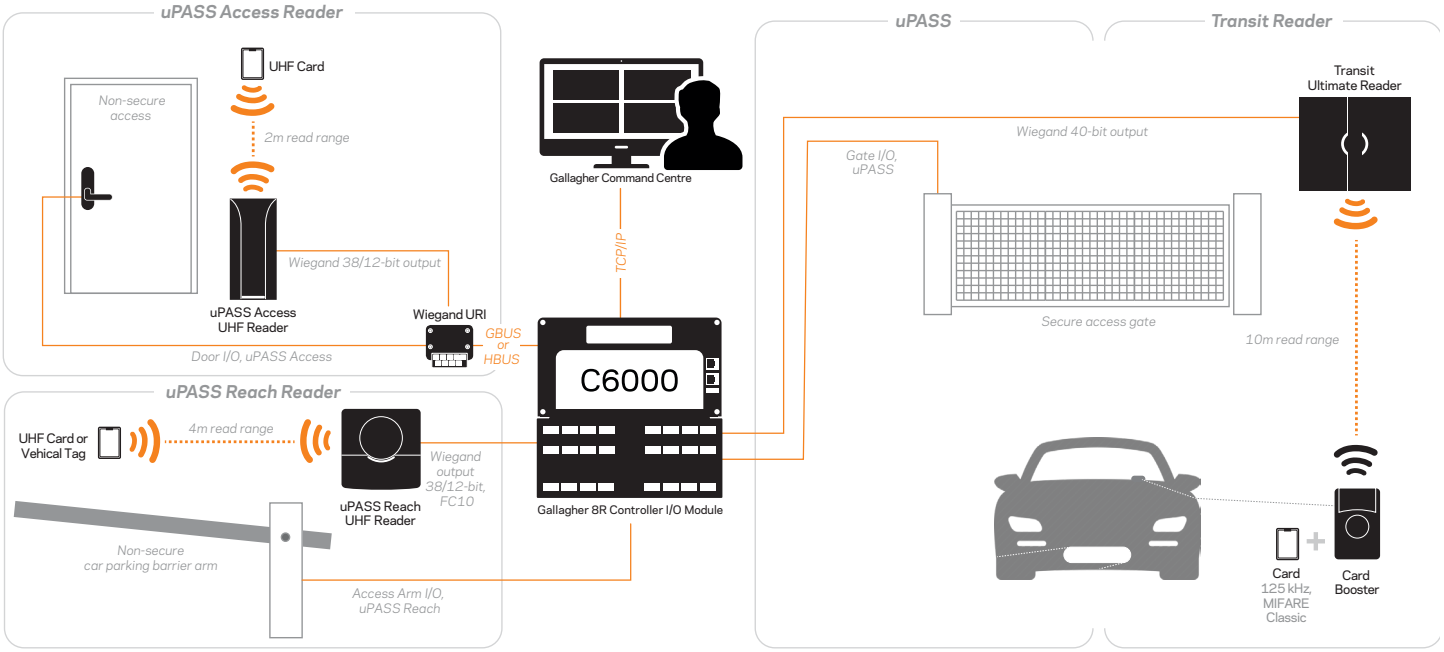


GALLAGHER Security

How the solution works

The integration between Nedap and Gallagher, is made possible with the power of Gallagher Command Centre. A wide range of deployment options is possible, from long range vehicle access to UHF door control.

Solution architecture



Nedap product reference

Features & compatibility	Nedap Model				
	Transit Ultimate	Upass Access (UHF)	Upass Reach (UHF)	Upass Target (UHF)	ANPR Lumo
Firmware	S97	-	-	-	
Ingress	IP66	IP65	IP65	IP66	IP65
Read range	10 m	2 m	4 m	10 m	10 m
Max. Vehicle Speed	200 Kph	-	-	-	Freerun: Up to 130km/h* Triggered: Up to 250km/h
Operating temp	-30 to 60 °C	-30 to 60 °C	-30 to 60 °C	-30 to 60 °C	-20 to 55 °C
Power	230 VAC, 100 mA/ 22-30 VDC, 1 A	12 VDC, 1 A/ 24 VDC 0.5 A	12 VDC, 1 A/ 24 VDC 0.5 A	12 VDC, 1.5A/ 24 VDC 0.75 A	24 VDC +10% linear supply recommended or POE
Output (Wiegand)	40-bit	38/12 FC10	38/12 FC10	38/12 FC10	
Window button	✓				
Window button switch	✓				
Compact tag	✓				
Transit heavy duty tag	✓				
MIFARE classic booster dual ID	✓				
Windshield tag		✓	✓	✓	
Windshield tag (tamper proof)		✓	✓	✓	
Headlight tag		✓	✓	✓	
UHF / MIFARE Classic ISO card		✓	✓	✓	
UHF/125 kHz Dual Tech card		✓	✓	✓	
UHF Heavy duty tag		✓	✓	✓	

*Depending on reader installation, software settings, and external conditions

Note: MIFARE Classic is a registered trademark of NXP B.V.

Supported products

A wide range of Nedap products can be integrated seamlessly with the Gallagher solution, a selection of currently supported products are displayed below. For more detail, please contact your nearest Gallagher representative.



uPASS Reach UHF Reader
Long range UHF reader (up to 4m)



uPASS Target UHF Reader
Extended range UHF reader (up to 10m)



uPASS Access UHF Reader
UHF reader (up to 2m)



Transit Ultimate Reader
Long range vehicle access reader (up to 10m)



Transit Smartcard Booster
10m booster for vehicle and driver ID transmission

Accessories

A comprehensive selection of accessories and supporting technology is available to tailor your solution to your specific requirements, examples are shown below. For a complete list of Nedap accessories, please contact your nearest Gallagher representative.



uPASS Reach Pole Mount



Transit Compact Tag



uPASS UHF Windshield Tag



UHF MIFARE Card



Transit Ultimate Window Tag

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