

A fleet of approximately ten bright blue delivery vans is parked in a neat row in front of a large, modern warehouse. The warehouse has a white facade with several large windows and a series of loading docks numbered 46 through 55. The sky is a mix of blue and orange, suggesting dusk or dawn. The wet pavement in the foreground reflects the lights from the vans and the building. The PostNord logo is visible on the side of the first van and in a white box in the top right corner of the image.

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Success Story
PostNord

Safe handling in logistics. An alcohol check ensures legally compliant processes.

Introduction - Our client:

PostNord is a leading provider of logistics services in the Nordic region. Divided into eCommerce and logistics as well as communication services, the approximately 28,00 employees strive every day to make everyday life easier for private individuals and businesses. With 198 million parcels and 2.6 billion letters delivered annually, PostNord is the most important logistics service provider in the region around Sweden, Denmark, Norway and Finland.

100+
Systems

10.000
Users

900
Stations

The challenge:

PostNord was looking for a standardised, automated vehicle fleet management system for approx. 900 distribution stations throughout the country. There, the vehicle keys of the postal vehicles were to be securely managed and issued to around 10,000 drivers in a controlled manner.

The main challenge of the project was the national security regulations: Every driver of the company is required by law to take a breathalyser test before and after their journey. Therefore, a system had to be used that documents the proof of the tests and can be clearly assigned to the respective driver and his journey.



Our solution:

Over 100 electronic key management systems were able to fulfil the issuing of vehicle keys according to PostNord's requirements.

The required binding alcohol check was connected to the opening mechanism of the ecos systems in the form of a test device. After authentication at the key cabinet, drivers must blow into the device in order to open the cabinet. Only if the result of the alcohol test is negative the door is opened and the required vehicle key is released.

The same mechanism is also used when the keys are returned. Administrators can furthermore fully trace the results of all tests in our software application ecos webman. Through the prior authentication of the employee on the system, it can be clearly seen here which driver has achieved which test result at which time and during which journey.



1

Employees authenticate themselves at the system by card ...



2

... and carry out the mandatory alcohol test.



3

Only then does the cabinet open and release the keys.

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The result:

By connecting the mandatory alcohol check to all key management systems, PostNord can ensure that its drivers can only access their vehicles at all after passing an alcohol test. Thanks to the electronic system, the issuing of keys is regulated securely and efficiently, so that each driver always has access to the keys they need.

The automated data transmission of the systems enables complete traceability of all tests. This means that all users can provide concrete proof of their fitness to drive at any time during working hours.

For the efficient coordination of the systems among each other, we provided PostNord with our first cloud service back in 2012. By now, this customer has been converted to our innovative ecos care service. With this service, the software application ecos webman is hosted externally and routed to the systems through the IT fixed networks. In this way, a total of more than 10,000 users can be stored in the cloud in compliance with data protection regulations.



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