

## ShowCase

### *Smart Post-box Communicates to Inform About the Most Wanted Things in Your Life*

#### Products

- Informs the owner of any received mail;
- Notifies about the service life of the battery;
- Enables the post-box to be unlocked within a time limit;
- The encrypted one-time key has an expiry date;
- Records unsuccessful attempts to open the box;
- Alerts the owner and the postal authority.

#### Results

(Name most important project results,

ej: 12% growth in users)

#### Project Details

(Name whether is part of a project, parts involved, Country...)

#### Introduction

A solution involving the “communicative” post-box at first was dedicated to the remote towns and villages in Scandinavia. As a post-box is enabled to inform postman and the owner about the changes inside, it saves time and ensures safety. Later it happened to be a good choice for any locations – crowded cities and remote areas with a few mountain cabins.

#### Challenges

The smart post-boxes evolved from mini-bar locks in Scandinavian hotels. These are precisely the kind of standardized locks which are manufactured by the Norwegian company “Postlogi”.

The features of the revolutionary post-boxes allow for the lock to be opened by both postmen and couriers not only with their mobile phone or NFC keychain, but also when they receive one-time access.

#### Solution

A Kaunas-based (Lithuania) company Singletonas, which specializes in the sector of the Internet of Things, developed “communicative” post-boxes for the Scandinavian market. The company, which is located in Kaunas Science and Technology Park has offered an innovative solution for the Smart Lock by integrating significantly more functions.

The item consists of battery-powered electronic locks, software for mobile phones and an information system. The company, Singletonas, UAB figured out how to maintain a charged battery for two years, since more often than not the post-boxes in Norway are situated farther from residential property, so there is no inlet power.



## References

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