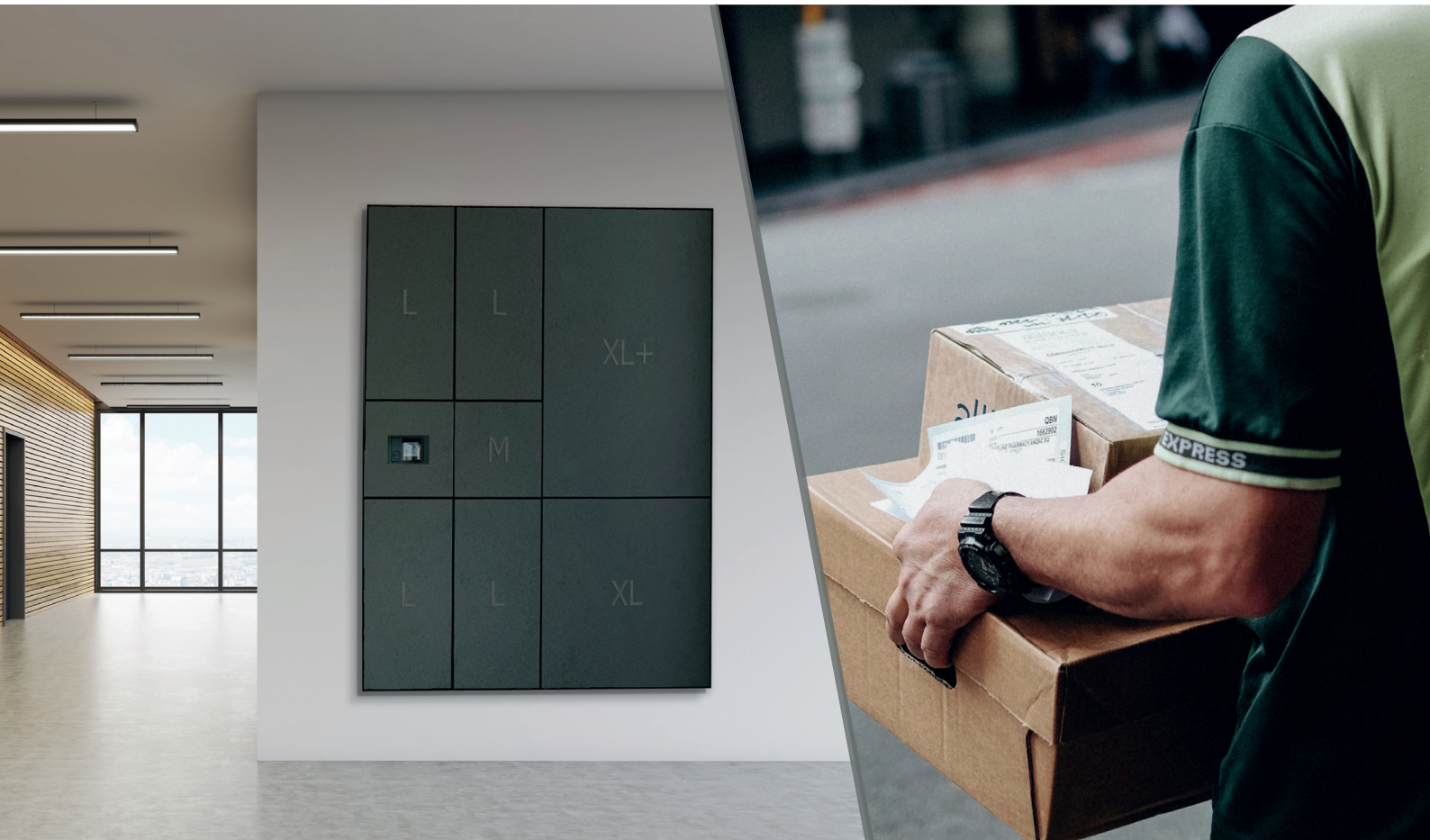




UNIVERSAL SOLUTION FOR SMART
DELIVERY IN PARCEL BOXES



THE UNIVERSAL SOLUTION FOR ACCESS TO PARCEL BOXES

For a simple, unified and successful home delivery !



Ecommerce figures are constantly on the rise and e-shoppers more than ever prefer home delivery.

The pandemic has only accentuated this trend, in particular by developing demand for contactless delivery.

■ Consumption and delivery : the major trends

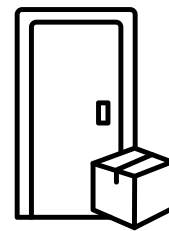
E-BUSINESS ON THE RISE



+ 126 %

Increase in online sales
in 2014 : 57 billion €
in 2021 : 129 billion €

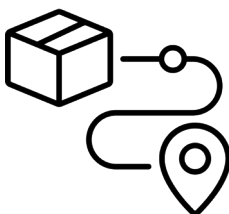
CONTACTLESS DELIVERY



In demand

No more contact with drivers

VARIOUS DELIVERY SOLUTIONS



at home and away

Mailboxes, appointment between the delivery man and the resident, post offices, pick-up point, delivery at work, neighborhood locker...

HOME DELIVERY



86 %

Of e-shoppers want home delivery
(FEVAD 2021)



■ Parcel boxes for home delivery !

For a successful home delivery, even in case of absence, a reliable infrastructure is needed.

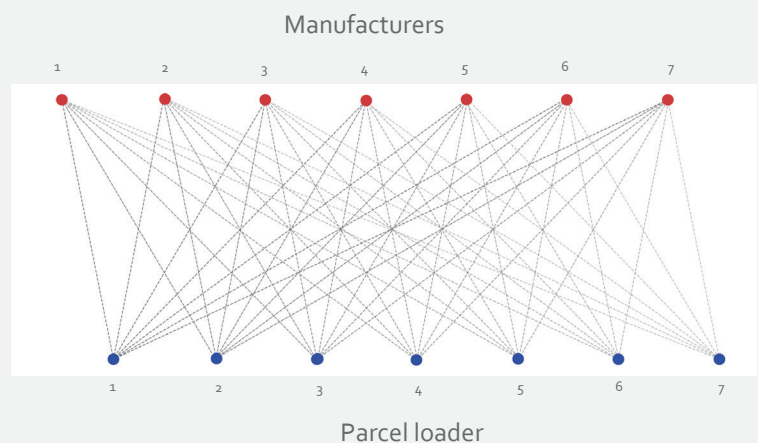
Parcel boxes' development responds to the problem of synchronicity between the delivery person and the resident, who is often absent during the day.

It is still necessary that the delivery person can open these parcel boxes, in an easy and identical way, regardless of the brand of the boxes...

■ As many box access systems as manufacturers...

Until now, the new parcel boxes market suffered from a multiplicity of opening systems: there were many manufacturers, each with its own process.

This non-standardization made it more complex. The distribution of parcels, the non-unified identification methods not allowing the industrialization of logistics processes on a national scale.



■ A universal solution, based on an European specification



UNIVERSAL SOLUTION FOR SMART DELIVERY IN PARCEL BOXES

Faced with the problem of the diversity of access systems, the European Parliament had asked parcel box manufacturers and delivery operators to think together about a standardized technical solution : this work, carried out within WG5 standardization group, resulted in the European specification XP CEN/TS 17457 in July 2020.

It's in this context and based on this technical specification that OPEN was born.



OPEN offers a universal solution for access to parcel boxes for home delivery, regardless of the delivery person and the brand of boxes – thus facilitating the industrialization of logistics processes.

The system is open to 100% of the registered home delivery companies, from national express delivery companies to local couriers, including local traders.

The OPEN solution was born from the natural association of the 2 French and European leading manufacturers of parcel boxes : Decayeux and Renz – with the ambition to deploy an infrastructure of boxes – connected, multi-brand and interoperable – accessible to the all the registered delivery companies.

The result of an innovative copetition approach, OPEN was created in the form of an Economic Interest Grouping, guaranteeing the common interest of stakeholders, while maintaining healthy competition in parcel boxes.

■ Key points

UNIVERSAL SOLUTION



1st French standard for access to parcel boxes, multi-brands and multi-operator, based on the European technical specification CEN / TS 17457 of July 2020.

1st SHOT DELIVERY



Safe and traceable home delivery, accessible to national couriers and referenced local couriers, for the satisfaction of all trade players and their customers.

TRUSTED THIRD-PARTY



An open EIG structure, a symbol of consensus for manufacturers, in the interest of all stakeholders : manufacturers of parcel boxes, shippers, end customers.

■ OPEN GIE's missions

1. Standardize access to parcel boxes

2. Maintain the IoT infrastructure for accessing boxes

3. Grow the infrastructure of parcel boxes

4. Guarantee compliance with the standards and legislation of OPEN-compatible manufacturers



■ Winner of the Innovation Prize at the Innovation Week of the Transport & Logistics 2022 event.

OPEN wins the innovation award in the category Transport & Logistics Services at the SITL show, which was held from April 5 to 8, 2022 à Paris Nord Villepinte.

■ Join us !

OPEN unites parcel box manufacturers and shippers around a standard for safe access to parcel boxes, efficient and scalable. This is an inclusive approach : join us !

The leading brands in the parcel box market in Europe are OPEN compatible :



intelligent boxes

Other parcel box manufacturers are also invited to join this initiative.

THE TECHNICAL SOLUTION



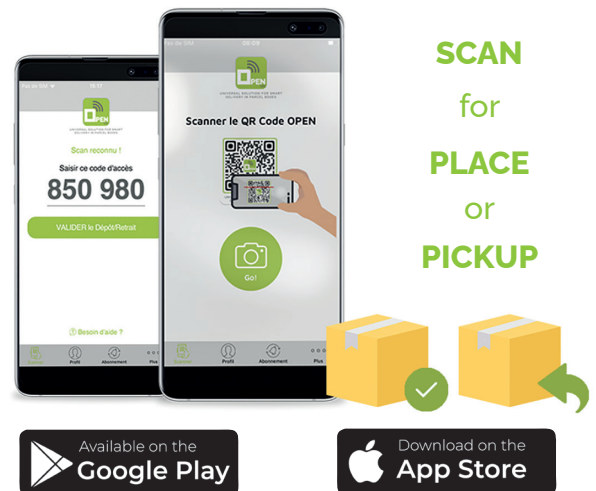
Technologically, OPEN is a web services solution, easily interoperable with other systems.

Thanks to a standard API (application programming interface), the major delivery players do not have to modify their process, OPEN adapts to their methods and is compatible with any computer software.

Local merchants wanting to use OPEN to deliver their customers locally use the mobile application to access parcel boxes.

Thanks to OPEN app :

- ✓ Create your account and activate your users
- ✓ Scan the OPEN QR-code
- ✓ Obtain an encrypted single-use access code
- ✓ Track your delivery history



■ Key points

WEB SERVICES



Instant transmission of an access code for delivery, return or reservation. Interoperability of services by REST API and Mobile Application.

SECURITY



An encrypted single-use code transmitted in real time and valid for a few minutes, without any data on the recipient, for a "Privacy by design" solution.

USER-FRIENDLY PROCESS



The recipient of the parcel does not care about the access code. It is delivered to his/her home, without travel, without appointment, without contact, in a privatized box until collection.

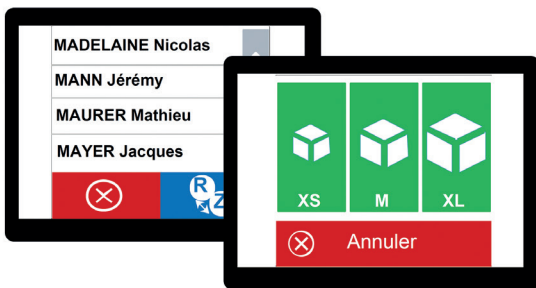
■ How it works ?



1. The delivery driver scans the QR code on the box



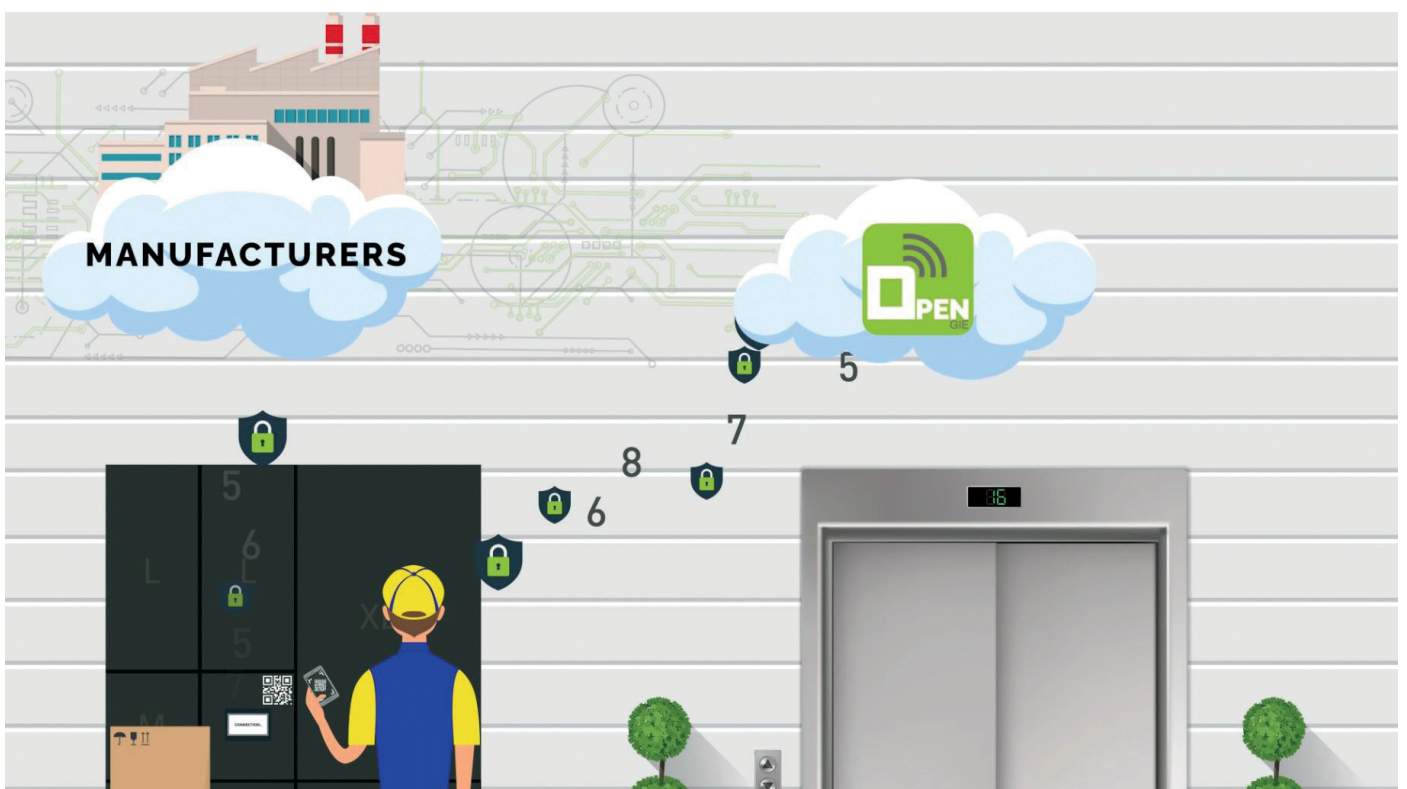
2. He/she types in the 6-digit code received for identification



3. The delivery driver chooses a box in the right format



4. He/She drops off the parcel



Whatever your job, choose OPEN !



DELIVERY MEN

With OPEN, parcel box manufacturers offer interoperability and allow each deliverer a unique logistics interface, for easy and successful home delivery the first time.

Thanks to its standard API, OPEN is interoperable with each system, without process modification. OPEN adapts to all delivery methods and is compatible with any computer software.



SHOPS

Merchant sites, local merchants and local producers: OPEN meets the expectations of your customers who are in favour of home delivery. A successful delivery the first time, without appointment, without contact, in a privatized box, until the safe withdrawal by the recipient.

Thanks to the OPEN mobile application, you too can now deliver your customers locally in parcel boxes, without worrying about the brand.



REAL ESTATE

Urban planners, developers, architects, property managers: choosing OPEN-compatible parcel boxes means offering your residents an optimal user experience.

Contribute to intelligent and environmentally friendly urban logistics, which avoid the nuisance of any unnecessary travel.



MANUFACTURERS

Co-developed by Decayeux and Renz within an economic interest group, OPEN is an innovative, universal and inclusive web services infrastructure.

Open to all manufacturers of compatible parcel boxes, the OPEN system promotes the deployment of a European fleet of interoperable boxes, for efficient deliveries.



By simplifying home delivery, our ambition is to contribute to the coherent development of a national infrastructure of interoperable multi-brand parcel boxes, in the interest of all: manufacturers, deliverers, traders and end users.

OPEN offers deliverers access to a fleet of compatible parcel boxes, in return for a contribution to the services provided by the digital infrastructure. The economic model is based on a mix between an annual referencing package and participation in the deposit / withdrawal.

As an economic interest group, OPEN is a non-profit organization. The contributions requested by OPEN contribute to the development and maintenance costs of the IoT infrastructure, to its management and to the promotion of the system.

The box infrastructure remains the property of each residence, the parcel boxes being sold by the manufacturers. This logic will allow the deployment of the park throughout the territory, without financial limit, for a scalable economic model.



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French manufacturers of parcel boxes have joined forces to form the OPEN Economic Interest Group : THE universal solution that makes home delivery as simple as ordering online.

We see the change in consumer trend as an opportunity to develop our business. Together, let's build the urban & rural logistics of tomorrow.

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