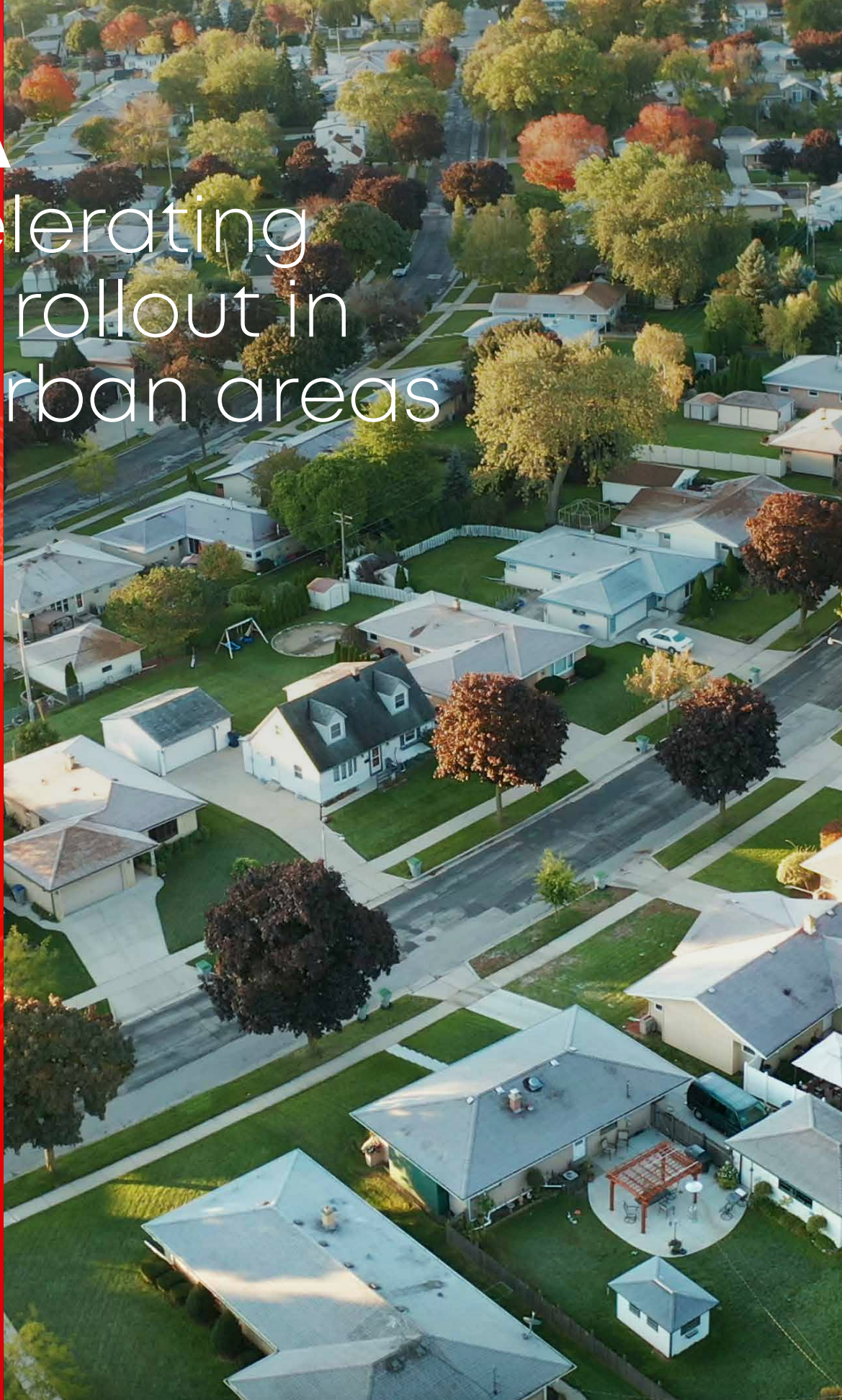


**RESA**

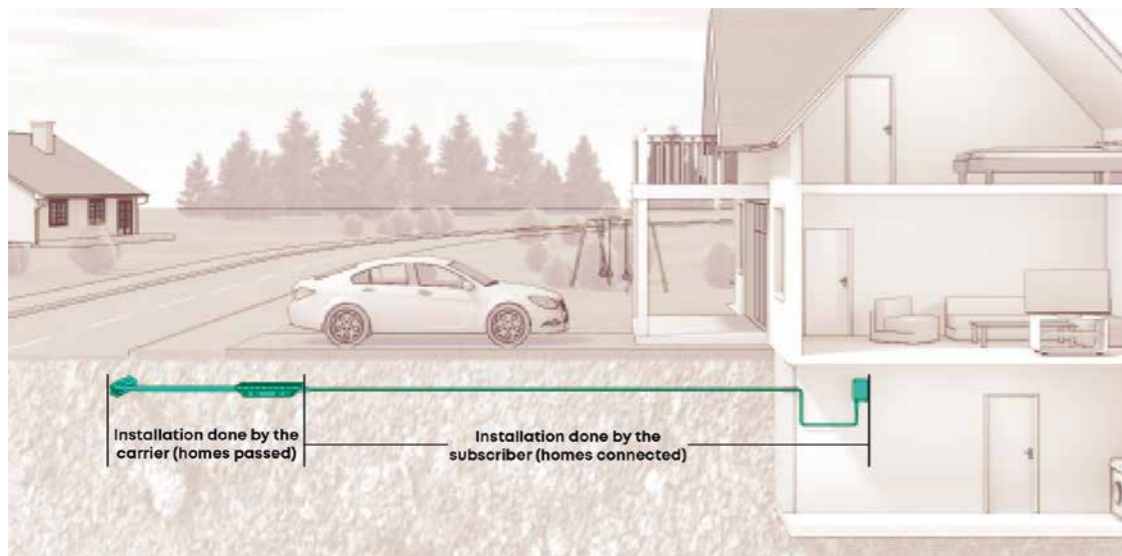
Accelerating  
FTTH rollout in  
suburban areas



# Discover RESA

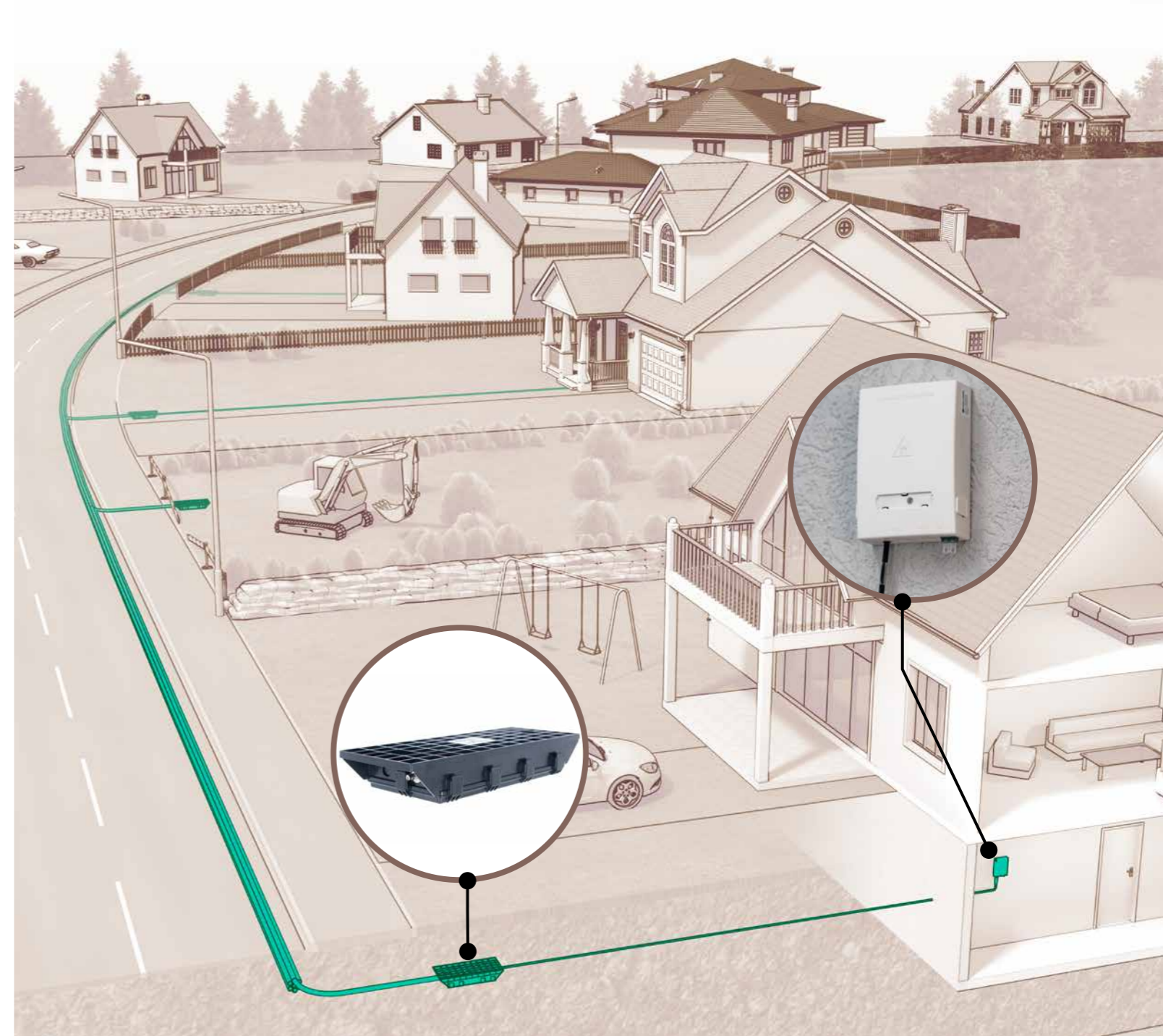
A fixed access network / WAN can extend for many kilometers by utilising aerial, buried, blown or pulled fiber routings that are connected via poles, street cabinets or buried enclosures up to the Building Entry Points (BEP). Carriers often have many technologies or protocols to connect and provide connectivity to a multitude of services for their subscribers. To do this, scalable solutions are required that can be pre-terminated, spliced, patched, split or multiplexed, whilst being easy to install. The final termination takes place to provide connectivity at the subscribers' premises. To connect single or multi-family homes in suburban or rural areas, carriers and neutral hosts must overcome last mile challenges. These include the coordination of time, resources and costs.

To support carriers in overcoming these challenges, HUBER+SUHNER developed an innovative and proven Fiber-to-the-Home (FTTH) modular connectivity solution, RESA, which is the first on the market to enable subscribers to partially install their own fiber. The new RESA solution is designed for rural/suburban residential and commercial area where there are plenty of single or dual family houses. It enables an easy installation alternative for both carriers and end customers.



## The modular solution in two different phases: homes passed and homes connected




In the first stage, the carriers pre-install the RESA Splice Closure (SC) box underground in the street in one go. For the second phase, subscribers are given simple instructions to install the last few meters of the FTTH connection within their properties as they please. This modular design greatly reduces carrier's time and resources involved in coordinating FTTH installations at multiple properties. Its plug and play functionality makes for easy installation, which streamlines the process and allows for individual adaptations based on connectivity demands.



**RESA components**  
The modular connectivity solution includes the buried RESA Splice Closure (RESA SC), the pre-connectorized Building Entry Point (RESA BEP) module and the pre-terminated Q-ODC-2 mini cable.

**Rugged and durable**  
The modules can withstand harsh outdoor conditions (IP68) in an amplitude of climates and will provide long-term FTTH network connectivity.

**The advantages of RESA system**  
With RESA, resources are pooled and coordination efforts are reduced saving costs and time in FTTH rollouts. At the same time, subscribers are offered more flexibility and shorter waiting times.

-  Save time
-  Reduce costs
-  Serve costumers better



# Connecting – today and beyond

## About HUBER+SUHNER

We are a leading global supplier of components and systems solutions. With our broad range of products and deep know-how, we serve the industry, communications and transportation markets with applications from the three technologies of radio frequency, fiber optics and low frequency. And as a global company with a presence in over 80 countries, we stay close to our customers. Always.

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HUBER+SUHNER is certified to ISO 9001, ISO 14001, ISO 45001, EN/AS 9100, IATF 16949 and ISO/TS 22163-IRIS.

### Waiver

Fact and figures herein are for information only and do not represent any warranty of any kind.