



## CHALLENGE

- The first smart meters aimed to digitalize readings of electricity consumption, providing benefits on billing and operations. Today, smart meters need to turn into intelligent sensors to tackle the increasing complexity of the grid as well as facilitating a more active role of the customer in the energy market and encourage the penetration of distributed renewable resources.
- Keeping pace with the evolving technology is a challenge to achieve a sustainable competitive advantage.
- Ensure interoperability, interchangeability and interconnectivity as well as security of communication.

## OUR SOLUTION

A new fully modular Smart Meter family enabling the exchange or adoption of several communications technologies depending on the customer needs and location. Modularity in field enabling different communication protocols (G3 Hybrid: PLC + RF Mesh and Cellular: LTE-M and Cellular NB-IoT) and interoperable with other solutions based on new certification scheme (DLMS-UA). Including single-phase, polyphase and CT polyphase, the concentrator and field accessories.

## BOOSTING YOUR AMI OPERATIONS WHILE STRENGTHENING THE ROLE OF THE PROSUMER

NETWORK STABILITY

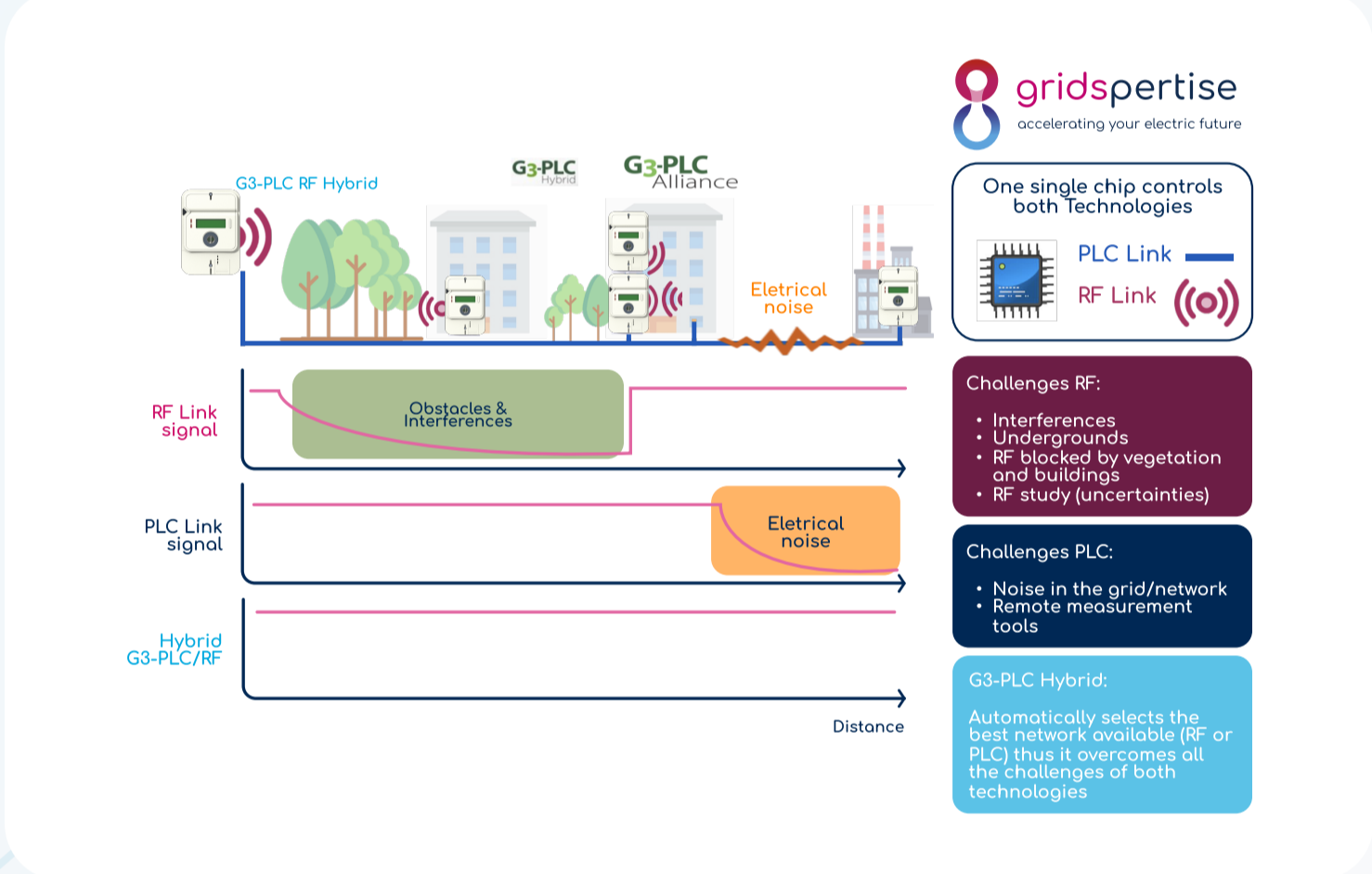
REVENUE PROTECTION

OPERATIONAL EFFICIENCY

CUSTOMER ENGAGEMENT



## WE ENCOURAGE YOU TO HAVE THE BEST OF BOTH WORLDS...



## PLC AND RF MESH

...WHILE WE ARE PREPARED TO SPECIFIC NEEDS

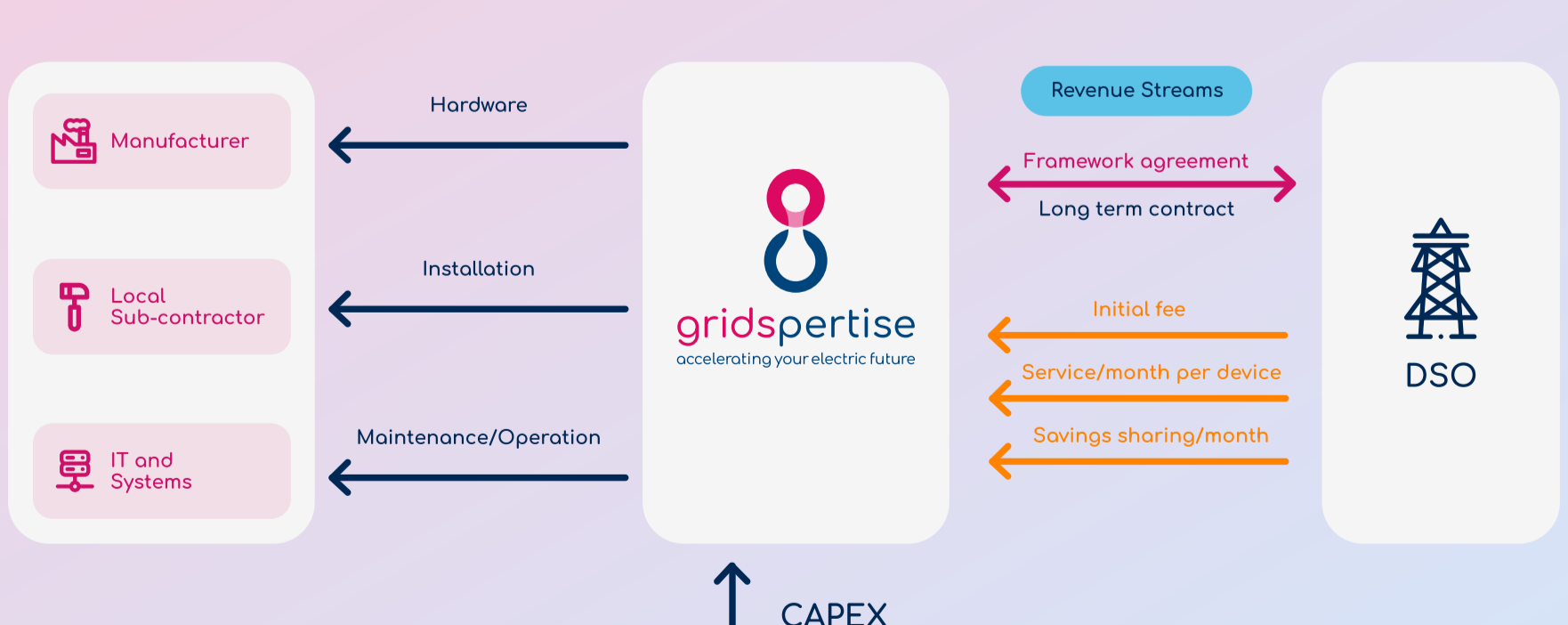


## LTE-M OR NB-IOT

## BENEFITS AND KEY DIFFERENTIATORS

- **Adaptation:** It is adaptable to any location regardless the available infrastructure thanks to our in-field modularity allowing different communication protocols (G3 Hybrid: PLC + RF Mesh and Cellular: LTE-M and NB-IOT).
- **Flexibility:** It allows the distributors to change the communication technology over the time being fully interoperable with existing implementations.
  - **Interoperability:** It ensures the integration with third party devices
- **Efficiency:** The hybrid technology is adoptative to the interference level to assure the best possible reachability and availability in urban and rural environments while cellular technologies can work in most of the territory.
- **Customization and Scalability:** The modular HES offers the possibility to adding or removing functionalities while provides scalability for massive roll-outs.

## METER AS A SERVICE



## GRIDSPERTISE

Gridspertise offers end-to-end cloud-edge platform solutions and services to accelerate the digital transformation of electricity distribution grids in three main areas: metering and grid edge digitalization, network infrastructure digitalization, field operation digitalization. The Company's portfolio is designed as an open ecosystem, easy to integrate legacy systems, combining intelligent grid devices with ready-to-use modular applications, running at central level as well as on the edge.

Born in 2021 leveraging on its parent company Enel's over 20 years of experience, Gridspertise today is jointly controlled by the Enel Group and the investment manager CVC Capital Partners. Gridspertise is present in different geographies, headquartered in Italy, offices in Spain, Brazil, India and the United States. Target markets include Europe, Latin America and North America. Asia-Pacific and Africa are in a second wave as they will drive infrastructure upgrade projects in the near future.