



Press Release

Paris, 15 November 2018

Enedis accelerates its industrial strategy to develop the smart power network of the future with Orange Business Services

- **More than 3,000 industrial and tertiary sites connected over IP**
- **Hundreds of thousands of industrial objects connected by 2026 to make power networks even smarter and facilitate energy transition**
- **Resilient and secure solution will meet smart grid's challenges and new uses**

Enedis, the leading European energy distributor, has entrusted Orange Business Services to support its transition toward a more effective and smarter electricity distribution network. The energy transition is characterized by the growth of fluctuating and decentralized energy production (wind and sun) and the rise of new uses, such as self-consumption and electric vehicle charging. In this context, equipping the power network with cutting-edge IT and digital technologies is essential to manage the increasing complexity of the power system.

A more effective electricity distribution network thanks to data

Orange Business Services will connect hundreds of thousands of communicating objects spread across the electricity distribution network in France, along with over 3,000 industrial sites. This will enable Enedis to develop energy flow data collection, real-time surveillance of electrical substations, automated self-healing in the event of faults and remote management capacities (maintenance and operation) for the whole network.

These solutions will guarantee the right balance between energy production and consumption at a global and local scale, which is a critical challenge with the development of renewable energy.

More resilient and secure networks to guarantee the quality of service

Orange Business Services' expertise in integrating and managing dedicated secure management infrastructure was a critical factor in the decision made by Enedis. Orange will operate, maintain and monitor the whole Enedis wide area network (WAN) that will connect its industrial and tertiary sites. It combines the best of Orange Business Services fixed and mobile infrastructure, with reinforced availability to meet Enedis' needs. Network partitioning and 24/7 support from a team of Orange Cyberdefense experts will strengthen the system's security.

