



**TRUST US**

TECHNOLOGIES AIMED AT DIGITALIZING  
NETWORK INFRASTRUCTURES AND CONNECT  
PEOPLE AND OBJECTS IN A SECURE MODE

**BU BOOKLET**



**reliability and  
experience.**



## **LEADERSHIP.**

**SELTA** is a technology company, part of the Italian group **DigitalPlatforms**, which has been active for almost 50 years in the national critical infrastructures, from power power Automation and Smart Grids, to Telecommunications, Unified Communications, Cloud and SmartWorking, Cyber Security.

The solutions designed by **SELTA** target operators in the Energy and Transport sectors, Telco Carrier and Service Providers, private companies of all sizes, governments, institutional bodies and the public administration. With over 170 employees and 2 research centers, **SELTA** is one of the major Italian technology vendors in its reference markets as well as being a recognized leader at European level for Smart Grid projects and, more generally, for the development of energy networks technologies.

## **INTERNATIONAL ACTIVITIES.**

In Italy, **SELTA** operates with 3 reference offices in Cadeo (Piacenza) where the activities of the energy and transport sectors are located, in Tortoreto (Teramo) for the telecommunications market and finally in Rome, the head office dedicated to cyber security. The offices have been designed according to eco-sustainability principles with photovoltaic and geothermal plants. **SELTA** operates at a worldwide level with a selected network sales partners in Europe, Africa, Latin America, the Middle and Far East.





## **TRACK RECORD.**

**SELTA** is proud of important references among utilities and energy and transport networks operators, telecommunications operators and service providers, governments and defense bodies, private companies of all sizes and public administrations in over 20 countries around the world.

The large number of customers which have, over the years, trusted SELTA includes, for example, Enel, Terna, A2A, SNAM, TIM, Wind, Sogei, Vatican Museums, Juventus, Telefónica, NTDC Pakistan, ESKOM South Africa, RTE and SNCF France.

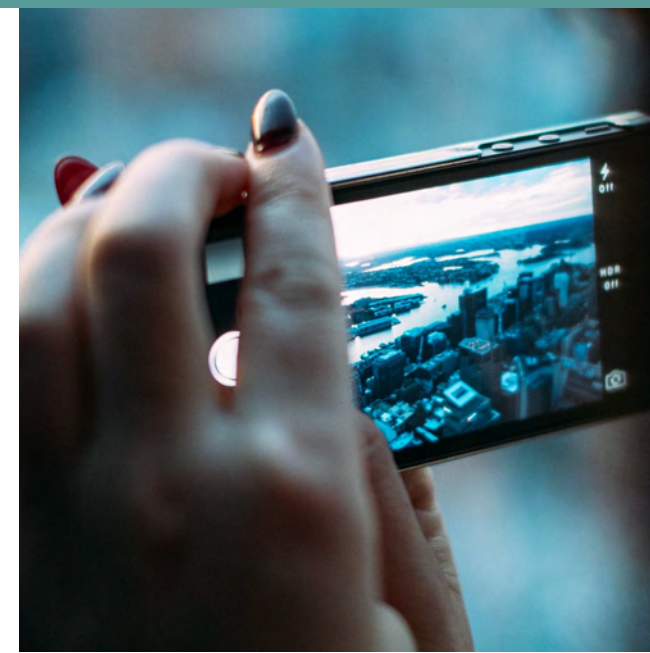
## **HISTORY.**

The history of **SELTA** begins in 1972 with the first lab in Milan, where private networks transmission and automations systems were designed.

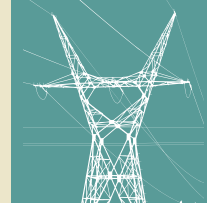
After 1980, the year in which all operational activities were moved to the hub in Cadeo (Piacenza) the company also entered the market for telephone switching and public telecommunications networks market,

after having already set itself up with a cutting-edge offer of high performance and low consumption, in the context of electrical networks. In 2011, thanks to an acquisition operation, the company also entered the cyber security sector.

Over the decades it has collected important achievements, both on the Italian and international markets as well as winning prestigious awards such as the ANIE Innovation Award for having developed one of the first hybrid platforms for IP communications. In 2021 **SELTA** was definitively acquired by the Italian group **DigitalPlatforms S.p.A.**







## **ENERGY INFRASTRUCTURES.**

**SELTA** is one of the world's leading interpreters of the digitalization of electricity grids and one of the main players in Europe for the implementation of Smart Grid projects. Over the years, in fact, the automation needs of legacy networks (unidirectional) have been changed with new needs in terms of optimization and intelligent management because of more complex networks, to which **SELTA** has been able to respond.

Smart Grids allow the integration of renewable sources, from large industrial plants to microgrids, requiring a fine capacity for adapting operating conditions, as well as advanced management of services and consumption (Smart Metering).

**SELTA** is the main Italian company protagonist of the production, transport and distribution national networks evolution, fielding over 100,000 systems for the automation of the secondary substations of Enel, the first energy producer in Italy. For the management and optimization of the electricity grids, **SELTA** was chosen by Terna, the main Italian transmission operator, to guarantee maximum grid availability, more effective management and a reduction of risks linked service interruption due to a fault or overload.

At an international level, **SELTA** solutions are used, for example, in the management of high and very high voltage grid plants in Russia, for transmission grid nodes in Indonesia and Malaysia, for the management of renewable plants in Africa and storage in France, for the medium and high voltage grid in Pakistan and UAE.

  
Digital Platforms Group's BU

# secure critical infrastructures.





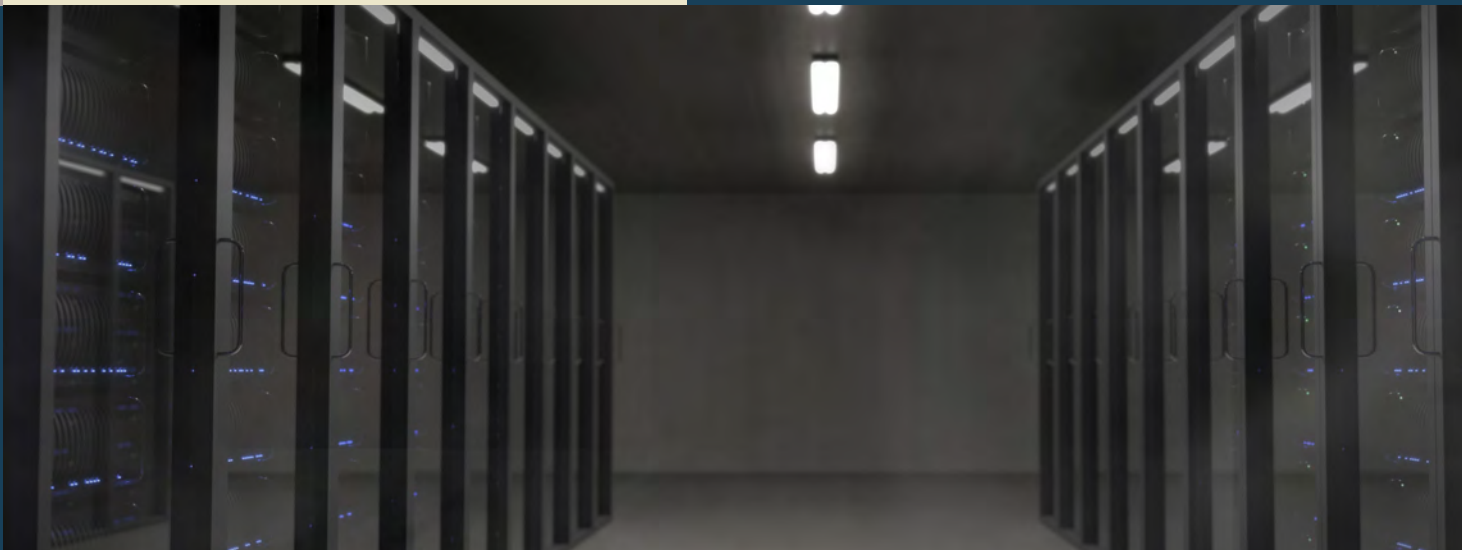


**SELTA** solutions for ultra-broadband have supported the evolution of telecommunications networks in Italy over the years and, even today, are among the main protagonists of the technological innovation necessary with the spread of smartphones and video content. The solutions are designed for multiple scenarios: from multi-service access in the Carrier Ethernet area, to FTTx technology based on enhanced vectoring and g.fast, up to bonding solutions for the backhaul of the mobile network.



In addition to cyber security, the activities include physical and environmental security (access control, alarm systems and video surveillance) the logic one (data and network security, disaster recovery). The **SELTA** team dedicated to Cyber Security, specialized and equipped with appropriate certifications, conducts activities within the laboratories according to standards and protocols internationally recognized by the competent authorities.

## TELECOMMUNICATION NETWORKS, CLOUD AND DATA CENTER



## CYBER SECURITY.

**SELTA** designs and implements solutions for classified areas of Defense and of Bodies that manage critical infrastructures for which a high level of ICT security is required. SELTA's activity in the sector concerns the consultancy and design of secure networks.





## INNOVATION AND RESEARCH.

Thanks to its ability to innovate, understand and anticipate the needs of markets and customers, **SELTA** is today the largest Italian company leader in the automation/control and public/private telecommunications sectors. The evolution of electrical networks through the use of automation and control technologies have been the basis of the great successes of the company since its inception. Over the years, the company's labs have recorded a series of outcomes in Italy and in Europe in various sectors, from powerline carriers to teleprotections, from TDM to IP telephony, to broadband networks. There are two main R&D centers, in Cadeo (Piacenza) and in Tortoreto (Teramo), the first specialized in the automation of electricity networks, the second in telecommunications and cyber networks. **SELTA** collaborates with prestigious research institutions, universities and laboratories of international partner companies to ensure constant innovation and the expertise of its professionals.



Some of the most innovative solutions are the result of important academic partnerships. Today **SELTA** designs according to the Open Innovation logics. The company also participates in research projects both at national and European level, in particular in the field of Smart Grids.

## SOCIAL RESPONSIBILITY.

**SELTA** engages in social responsibility projects ranging from support to people in need, to initiatives in the medical sector, up to cultural, educational and sporting ones.

Among the projects we can mention, for example, the fundraising, managed by the employees themselves, in collaboration with Italian non-profit organizations, for the construction of wells in the African country Tin Tan.

  
Digital Platforms Group's BU

**the ideal  
partner.**



## ATTENTION TO YOUNG PEOPLE.

**SELTA's** attention to young people takes place at all levels. In the school environment, the company was one of the first to join and actively participate in the "Support a class" project, born thanks to the close collaboration between schools, local companies and Confindustria with the aim of creating a close link between the school and the world of work.

This three-year project, then replicated nationally, ended in 2016 and allowed students to get to know the reality of the world of work in a more direct way, working closely with technicians, designers and managers. The project took the form of a real "pilot" stage with a view to school-work alternation.



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**SUSTAINABILITY**  
values



## ENVIRONMENTAL SUSTAINABILITY.

**SELTA** is committed to attention and care for the environment to protect future generations and has made it a real value that goes beyond the European Community directives on emissions of harmful gases and their reduction for the safeguard of the environment.

With this orientation **SELTA** has made its production and management processes compliant with the best standards for environmental sustainability (ISO 14001: 2015 certification). Furthermore, the company is directly involved in the use of renewable sources in its buildings.

# EVERYTHING CONNECTED



## WHO WE ARE?

SELTA is an Italian technology company part of the DigitalPlatforms SpA group, which has been active for almost 50 years in the innovation of national critical infrastructures, from the automation of electricity and transport networks, to telecommunications and cyber security.



## CONTACT US

**DigitalPlatforms S.p.A.**

**REGISTERED Office:**

00136 Roma, Piazzale delle Medaglie d'Oro 7

**SELTA BU offices:**

29010 Cadeo (PC), Italy, Via Emilia 231 ph. +39 0523 50161

64018 Tortoreto (TE), Italy, Via Nazionale km 404,500 ph. +39 0861 772511

00155 Roma (RM), Italy, Via Andrea Noale 351 ph. +39 06 2291879

[marketing@selta.com](mailto:marketing@selta.com)