

Our Vision

To be a worldwide benchmark for the realization of test, monitoring and diagnostic solutions of electrical power systems.

We are an innovative company that offers quality products, services and the most advanced solutions in order to grow and become a global leader in our industry.

Our Mission

To develop technological innovative solutions in order to create value for our customers all over the world. We achieve our goals thanks to the commitment and passion of our people, to the quality of our relationship with our partners and to the development of our team.

Our Values

Passion for Customers

We create strong and long-lasting relationships with our customers.

Commitment

We are focused on the results and on their positive impact on our customers.

Innovation

We believe in innovation, we welcome new challenges and we support new ideas.

Quality

Quality is our standard, excellence is our goal.

People Development

We pursue personal and professional growth of all our collaborators.

Highlights

- 2 manufacturing sites in Italy
- 2 R&D departments in Italy
- 5 International Branches (USA, Germany, Singapore, India, UAE)
- 100 international distributors



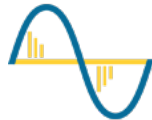
TECHIMP

TECHIMP (**TECH**nological **IMP**rovements) stands for excellence in the field of innovative diagnostic technologies applied to electrical engineering. Founded in 1999 as a spin-off from the University of Bologna, **TECHIMP** is today a global leader in partial discharge assessment and permanent monitoring of electrical assets.

The **SERVICE DIVISION** is the team of experts fully dedicated to providing Partial Discharge (PD) diagnostic services and PD monitoring solutions that cover all Medium Voltage (MV) and High-Voltage (HV) electrical assets.



Commissioning Test
Offline Partial Discharge Test
New installations



Partial Discharge
Condition Assessment
Existing Installations



Data Analysis & Test Reports
Monitoring Solutions
New & Existing Installations

Superior Technology

Enhanced Data Analysis through our patented **TECHIMP's T-F Map®** filter technology which allows for an efficient separation of overlapping phenomena and noise superposition to identify real PD phenomena. All instruments, sensors and analysis software are designed and manufactured in-house. Our researchers actively participate in standards groups including IEEE, ICC & CIGRE.

Benefits to Our Customers

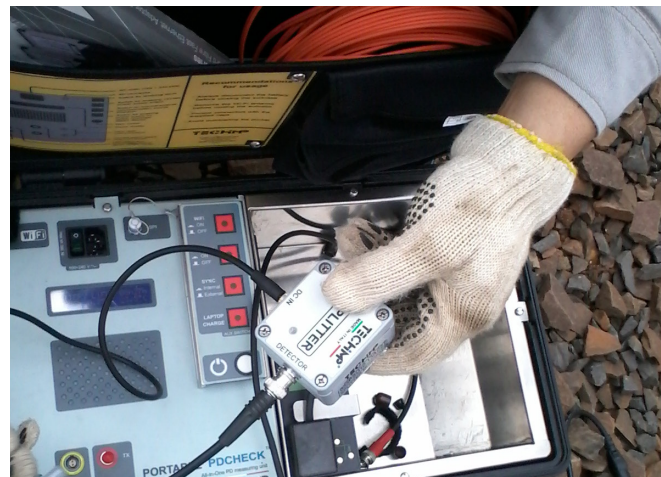
- improved efficiency and reliability of electrical assets
- reduced maintenance costs
- identify, minimize, mitigate inherent industry risks
- avoid high-repair costs due to unpredicted failures
- extended asset lifetime

Commissioning Services

Partial Discharge Testing of Underground High Voltage and Extra High Voltage Cable



- AC Hipot and Partial Discharge commissioning testing of new **HV** and **EHV** underground cable installations as per IEC 60840 and IEC 62067
- Access to a range of small and large **Resonant Test Sets**, and can test cables up to 500 kV at 1.7U₀, both short and long circuits
- **Sequential** or **simultaneous** Partial Discharge testing solutions available for non-jointed or jointed cable systems
- Localization of Partial Discharge source with **Time Domain Reflectometry** or other techniques
- Cable **Life Assessment** (impedance, sheath current and capacitance tests)
- Installation of permanent Partial Discharge sensors for on-line and **remote PD monitoring**
- We also perform commissioning tests of **distribution cables** at electric utilities, industrial plants and wind farms



Diagnostic Services

Partial Discharge Assessments

TECHIMP provides **off-line and on-line** PD services worldwide, regardless of your industry, assessing your assets at any stage of their operational lives.

Our off-line and on-line Partial Discharge testing services cover all the following electrical assets:

- MV, HV & EHV Cable Systems
- Generators, Motors & Variable Speed Drives
- Power Transformers & Distribution Transformers
- Medium-voltage Switchgears & Gas Insulated Switchgears (GIS)



Transmission
Network
Operators



Disribution
Network
Operators



Process Industry



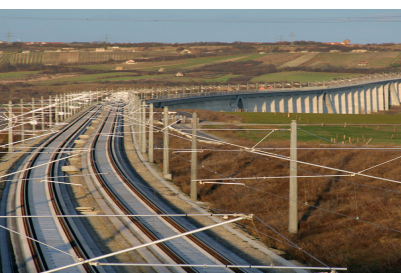
Oil & Gas
Industry



Renewable
Energy
Sector



Power Plants



Transportation
& Marine



Original
Equipment
Manufacturers

Support Services & Training

Worldwide Technical Support & Partial Discharge Academy Programs

Data Analysis & Reporting Services

All **TECHIMP** customers with our Partial Discharge Monitoring Systems can benefit from the continuous support of our PD Experts for data analysis and reporting services on a periodic basis or to investigate an alarm raised by the system.

TECHIMP's PD Academy is a complete and exhaustive experience with both classroom and practical training designed for engineers and technicians who want to get an insight into Partial Discharge theory and field testing directly from the leading experts in the field.

In-house Testing Services

At its Italian HQ, **TECHIMP** offers in-house testing services designed for companies that require quality control and pre-compliance tests according to the IEC 60034-18-41 standard.

Worldwide Technical Support & Consulting Services

Our network of Partial Discharge Experts located at our four international business units provide technical support 24/7 to OEM's, utilities (T&D), service providers and research institutes looking for an expert advice ranging from technical questions and troubleshooting to test-cell design or insulation material production.



ACADEMY
PARTIAL DISCHARGE TRAINING

ALTANOVA
GROUP

TECHIMP
ALTANOVA GROUP

TECHIMP's License Program

Becoming our partner through the License Business Model



TECHIMP LICENSE MODEL
A SIMPLE & EFFICIENT SERVICE
BUSINESS MODEL *made for you*

Business Opportunity

The License Program is an opportunity for companies interested in becoming partners with **TECHIMP** to sell services in the field of Partial Discharge thanks to our fully automated **ALFA** Acquisition Unit, specifically designed for service companies.

Technical Support

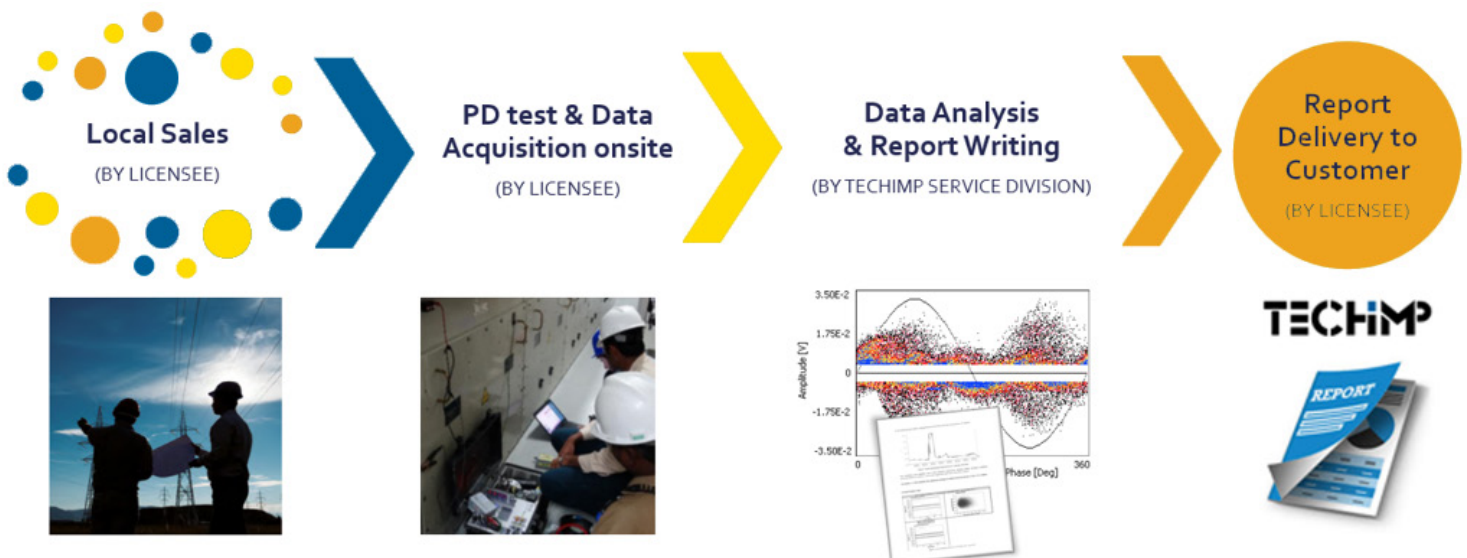
By becoming a Licensee, a company willing to expand its service offering will gain easy access to **TECHIMP's** expertise and experience in the PD field, thus eliminating the barriers of entry to this specific business sector.

Training

As Licensee you will benefit from training initiatives such as the "PD Academy", designed to continuously improve sales and technical skills of the **TECHIMP** partners.

Marketing

As Licensee you will benefit from **TECHIMP & ALTANOVA's** marketing efforts in the organization of local events such as trade exhibitions or conferences.



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- Altanova Group GCC
- ISA Pacific Pte Ltd

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