



Telemagnetica





"Telemagnetica Srl" was founded on November 15, 1947, c/o Notary Ruggeri in Milano.

Sole Director was Rag. Giancarlo Pasquali and there is no mention of other associates.

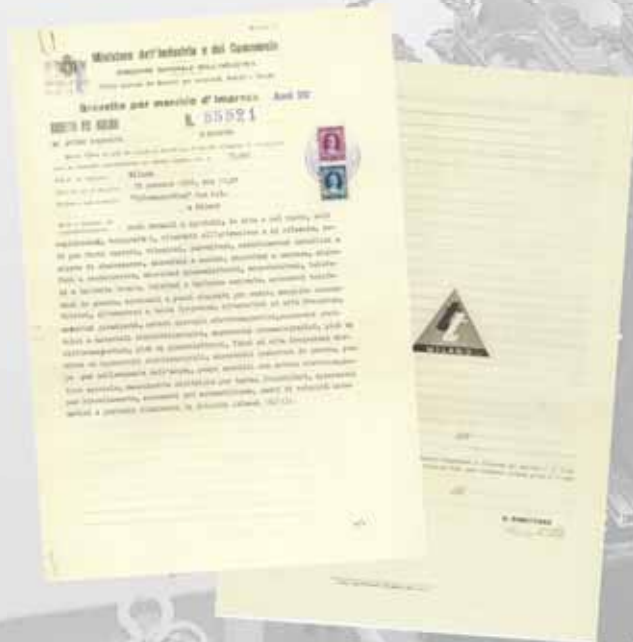


November 1947: Constitutive Act





Already in January 1948 a **patent of "Relays in vacuum"** is filed as well as the patent of the Company brand, the well known **triangle with the two T's**.



January 1948:
patent of the Company brand.



January, 1948:
patent of "Relays in vacuum".

The Company premises are initially in Via Settembrini, 43. We believe the new premises in **Via Marcona, 3**, open at the end of 1949.

From 1947 to 1954 Telemagnetica produces **relays and varied electro-mechanical equipment**.



Year 1952 sees the first advertisement promoting the **Cathodic Protection**, that grows more and more important, up to become the Company core business.



1952 – advertising flyer:
«Protect your underground installations».

On July 22, 1954 Telemagnetica Srl changes into a Spa (Joint Stock Company) and is renamed "**Costruzioni Elettromeccaniche Telemagnetica Spa**".

A new Associate, Dott. Gino Martinelli, joins the Company and flanks Rag. Pasquali.



1954 – «Fiera Campionaria»:
Telemagnetica S.p.A. stand.

In 1956 Dott. Martinelli buys out Rag. Pasquali and in May 1957 sells the shares to **Dott. Carlo Roveda**.





The Company develops in a fast growing business and cements its position on the market.

The production of relays and electro-magnets is growing, the first "**Holiday Detector**" and the "**Pipe Discoverer mod. 270**" are designed and built in these years.

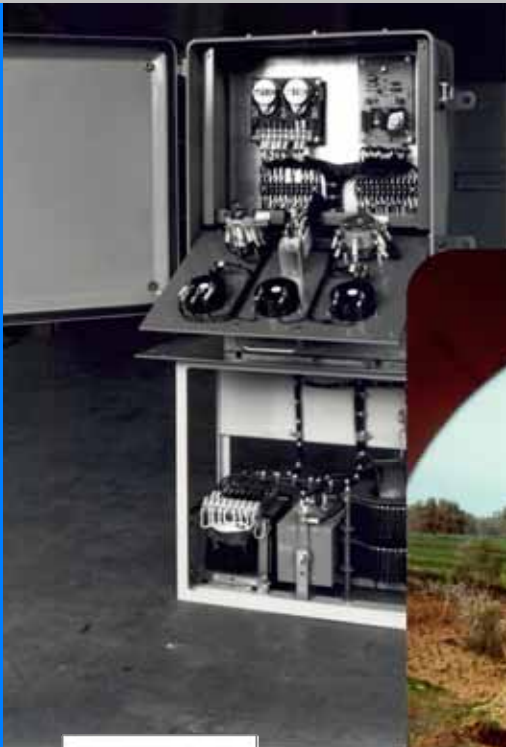


1956: «Holiday detector».

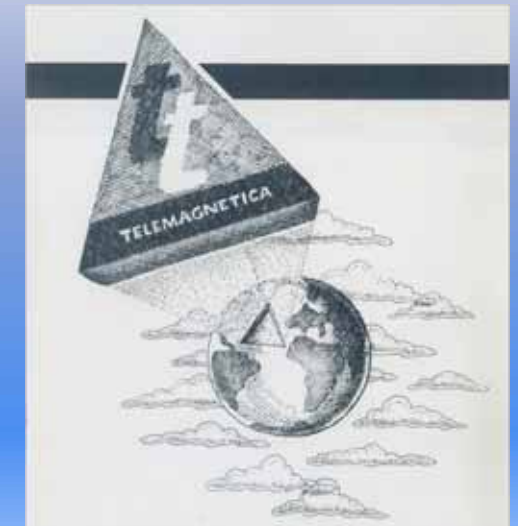
Telemagnetica establishes deeper collaborations with **Snam Spa**, for which it projects and produces new prototypes as well as the first power supply unit for the cathodic protection.



Years 50's: «Drainage and T-R compound unit mod. 12» and «Automatic compound T/R Unit mod. 231».



In the 50's and 60's Clients are actually also Partners: **Edison, Snam, AEM, Pirelli**, etc, need a Company able to put their operative needs into practice.



In the late 60's the **first "complete" cathodic protection systems** are implemented: **Telemagnetica** is 100% involved in all steps of the projects, production of all equipment, field mounting and final tests.





In the meantime **electronics** is replacing electromechanics: relays, voltage changer, pulse train ticker, are superseded by **transistors and diodes**, wirings are replaced by **printed circuits**, weights and sizes of the equipments decrease.



Mod. 288: internal view.



Mod. 288: detail.



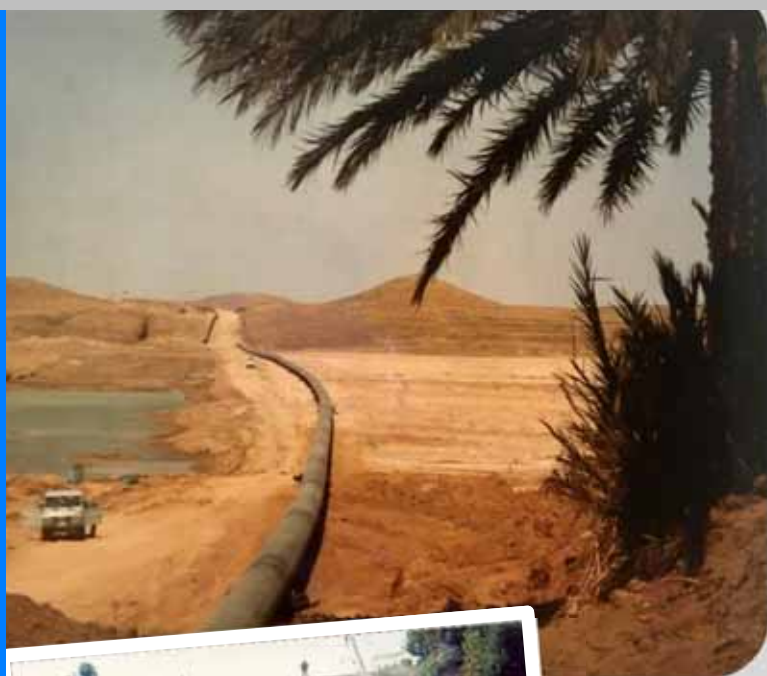
In 1974 **Dott. Carlo Roveda** buys out Dott. Gino Martinelli.



1972 – «Fiera Campionaria»:
Telemagnetica S.p.A. stand.

The Company turns into a **Srl (Limited Liability Company)** and the shares are allocated among Dott. Roveda and his sons **Marco and Stefano**.





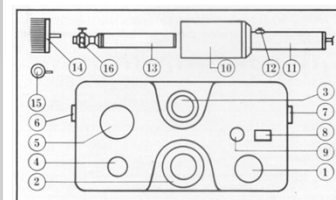
In the early 70's Telemagnetica opens on the international markets and the first cathodic protection systems are realized in **Libya, Egypt, Syria, Tunisia, Algeria, Iran, Iraq** and **Brazil**.



Mod. 84/S – advertising flyer for the foreign market: «If you can find a better one, buy it».

Throughout Italy and Europe the Company is the sole supplier of **NATO** organization and the **Italian Military Airforce**; on their behalf all Military Airports and Bases are provided with cathodic protection systems.

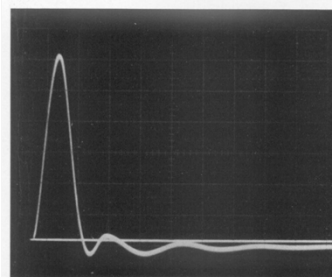




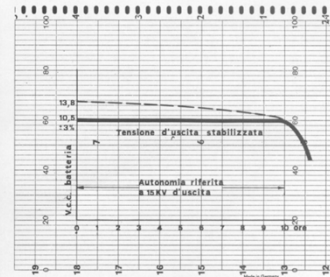
Switch ② position setting
Equivalent output tension KV.

1	2	3	4	5	6	7	8	9	10	11	12
2,5	5	7,5	10	12,5	15	17,5	20	22,5	25	27,5	30

Potentiometer ③
range



Typical pulse obtained with mod. 84/S (test result AT 2973 CESI Institute).



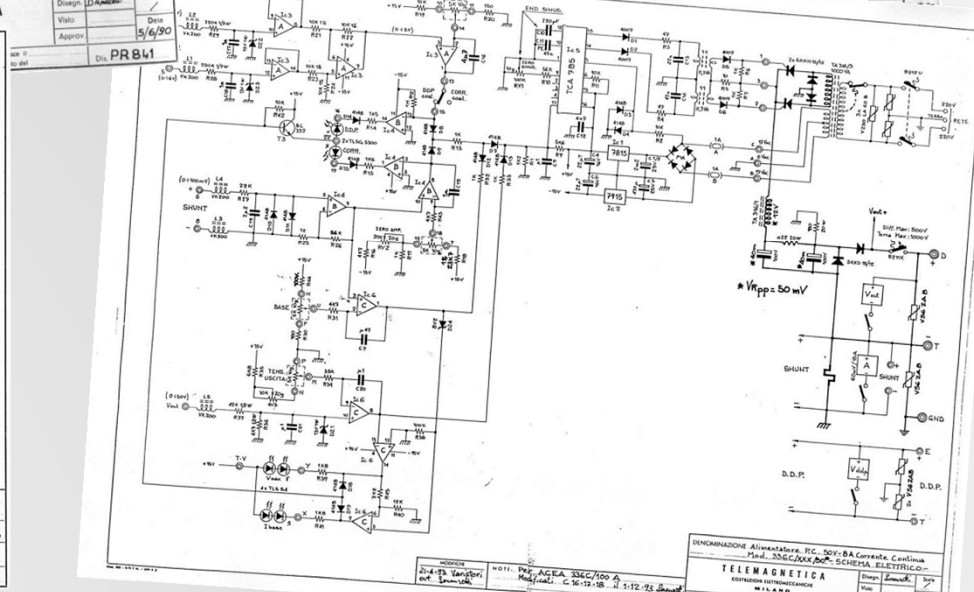
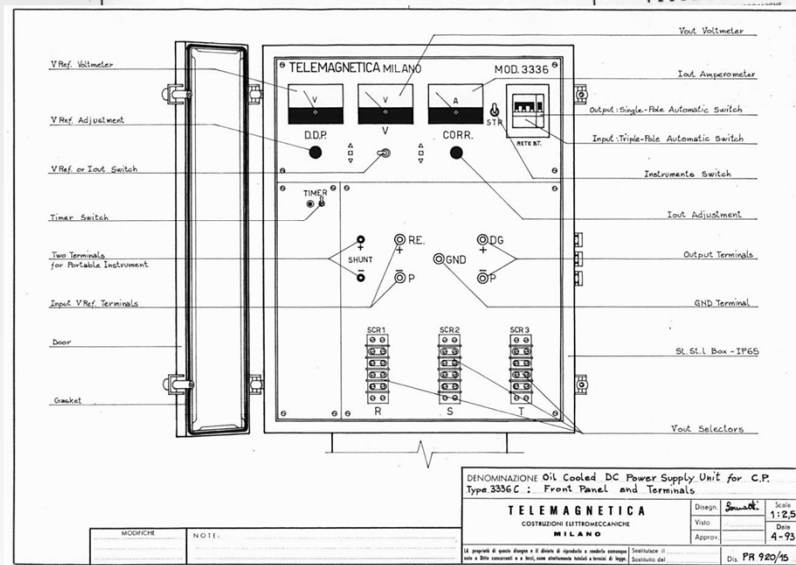
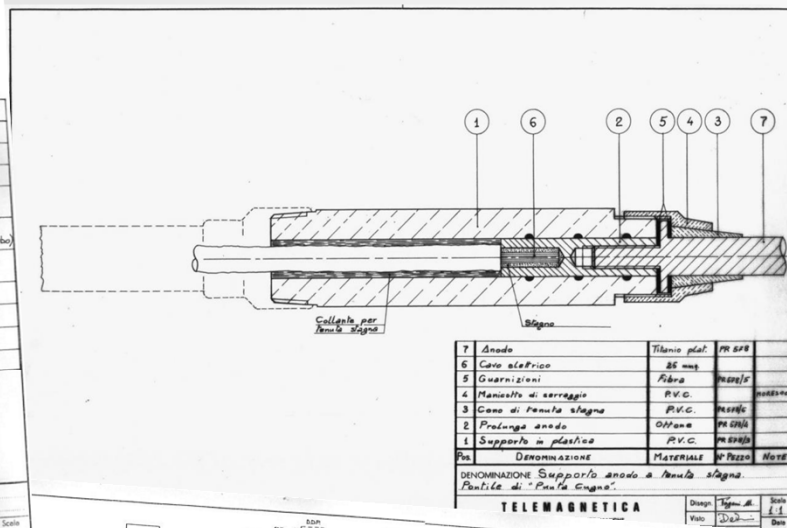
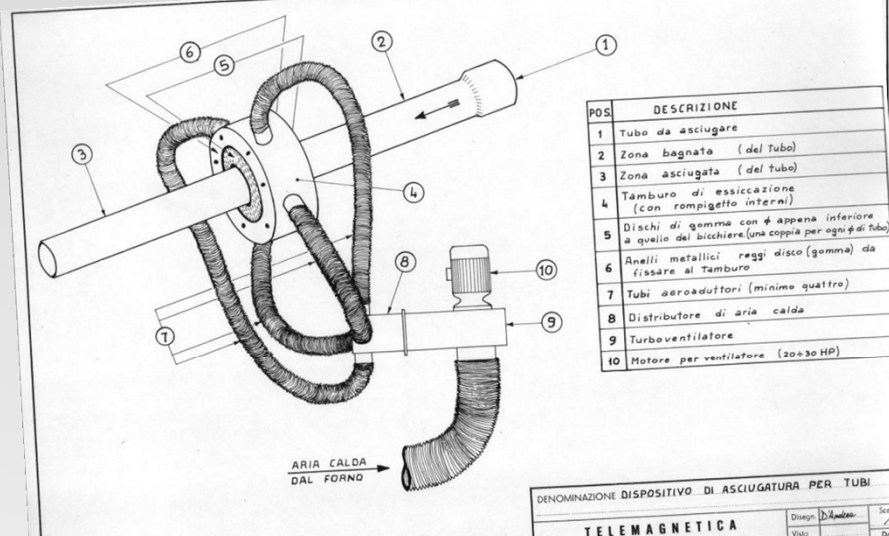
Characteristic curve of discharge and stabilization referred to an output of 15 KV.

With the increasing **knowledge and effectiveness of cathodic protection technologies**, the first relevant **legislation** is issued.

The protection of gas pipes is now required by law and any private companies have to **protect all grounded structures** in their premises.



Years 70's-80's: «End-Line Measuring Post» and «Transformer for Mod. 236 ».





In the 80's **methanization in Italy** greatly increases, involving the laying of **thousands kilometers of pipes** in the countryside and in the cities. **Telemagnetica** expands and develops consistently in this period up to becoming one of the leaders among the Italian Companies in the corrosion field.



Years 80's: Field equipment for cathodic protection.



Years 80's: «Sponge Holiday Detector»





Years 90's - General Catalogue:
«Studies and Procedures; Equipment; Installations».

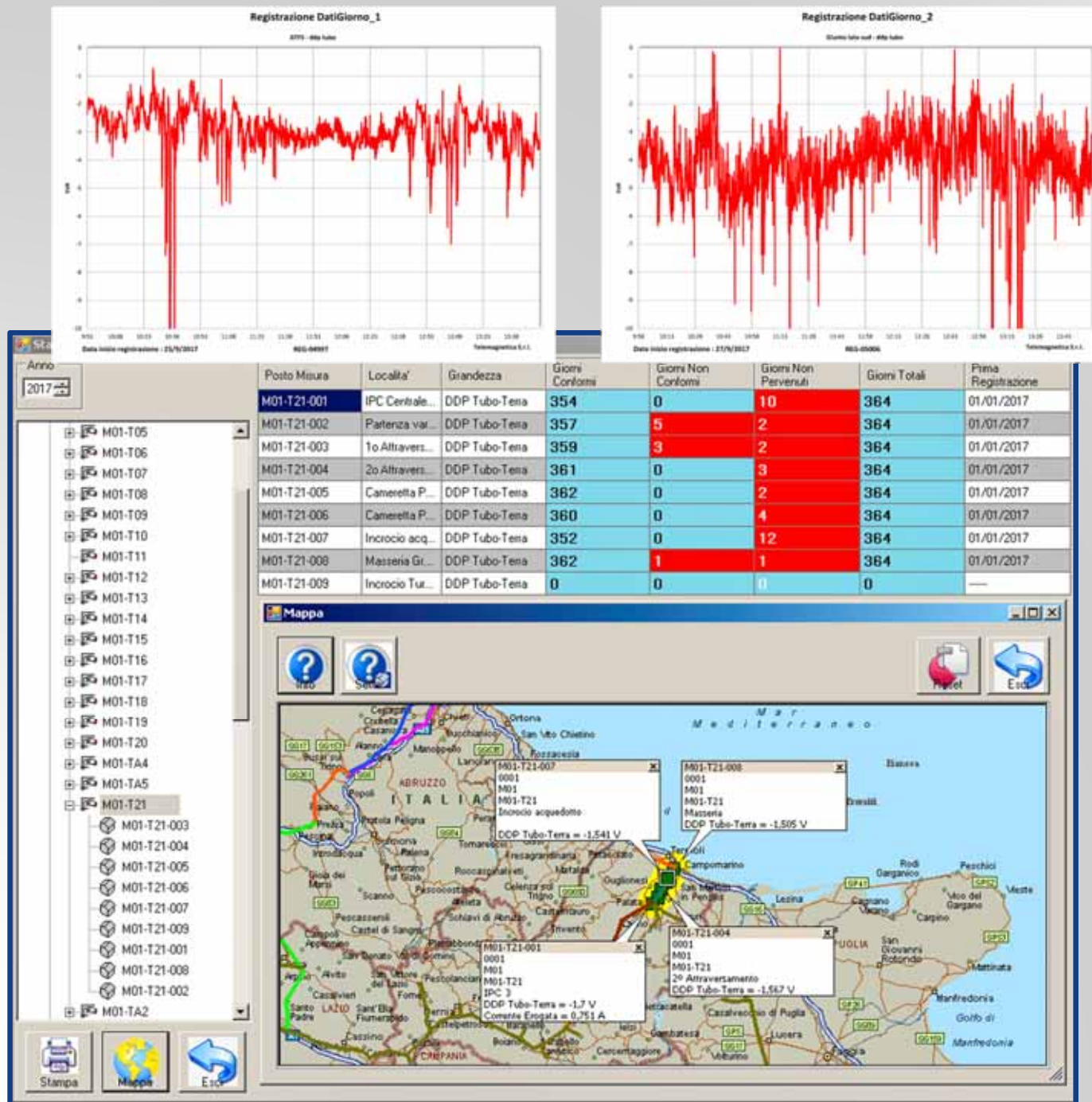


Years 90's: Cu/CuSO₄ electrodes of various sizes and types.

In 1995 **Telemagnetica** moves to a new location: in the old premises the workshop and the warehouse based in Via Marcona and Via Archimede, in the heart of **Milano**, are no longer enough and suitable to the new large trucks.

The new premises in Via Teocrito, 36 allow to maximize all departments and have large outside space for loading.





The high number of plants present in our country and the need for **precise and punctual maintenance plans** leads Telemagnetica to project **remote monitoring and control systems**.



Mod. TDA3:
Remote monitoring unit with GSM technology.

Originally based on RT transmission, not much reliable, the new remote monitoring and control systems reach their **best performance and reliability** with the new era of **GSM** cell phones and consequently **digital transmissions**.

Even in these days this field is still developing and **Telemagnetica** is present on the globalized markets.

CATHODIC PROTECTION UNIT

TELEMAGNETICA
MILANO

-0.00

D.P.



50.0

V_{OUT}



BASE CURR.



00.0

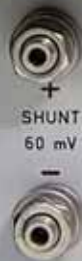
CURR.



OUTPUT



A.C. D.C.
POWER



CE





At present the Company still keeps a production plant and has widened the activities of the technical department that offers not only **custom made projects and specifications according to any foreign country regulations**, but also custom made software for remote control management **according to the specific needs of each Client**.

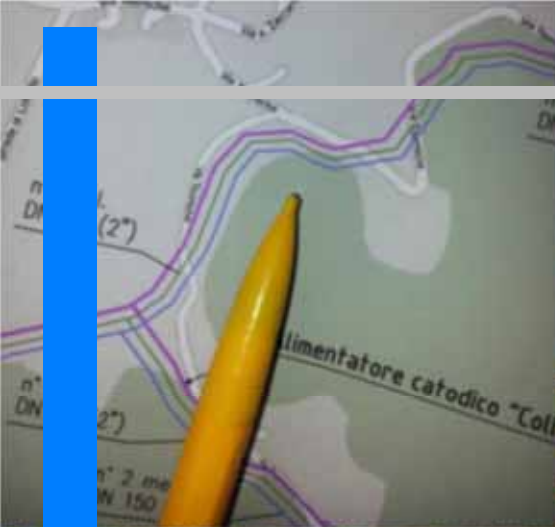


2016: «Prototype: Electrode with coupon»

The **Outdoor Plant Division** is daily engaged in new projects and control and maintenance specialist measurements, employing digital instrumentation specially made to fit our needs.

The technical staff are **certified according to EN-UNI 15257**.





Major orders from **Brazil** and **Peru** allowed Telemagnetica to grow and positively face the last ten years of the world economic crisis.
We optimistically look to a further development in the years to come.



1947



2017

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