

 electrosys



The future fast forward



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ELECTROSYS is a leading company in the field of broadcasting equipment. Its name is synonymous with high level research, leading edge products and customer satisfaction. Currently we are selling and maintaining our equipment in more than 130 countries in the world within organizations, private broadcasters and terrestrial transmission network operators.

Our leading philosophy is the capacity to provide customers with “application-oriented” and “problem specific” solutions: this means continuous interface between the system engineering teams, developers, designers and each business unit, which allows a more and more competitive edge and premium solutions. For this reason, the company plays a leading role in broadcast technology and service, committed to the future not only in the supply of traditional line of products, but also in investment in handling upcoming diversification in the digital communication world.

Our history begins with first analogue equipment and develops through the years featuring a continuous engineering approach to telecommunication and transmission systems and products.

Electrosys anticipated every step in transmission progress from analogue to digital, to new communication standards, services and devices, reaching a leading position in the world market for its excellent equipment, R&D division, constant customer companion and complete solution oriented projects.

Our 40 years history in offering broadcast solutions is the best warranty of experience and knowledge well known throughout the world.

Certifications: Quality System UNI EN ISO 9001:2000 (since 1996); Digital Video Broadcasting, project office - EBU (since 1998); NOS Italian Military Clearance (since 1989); ITQS (since 1996). “To provide our customer with very reliable equipment and premium solutions, we follow a total quality management philosophy”; ISO 9001:2000 “Quality system model for quality assurance in design/development, production, installation and servicing”; ISO 9004:2000 “Guidelines for performance improvements”; UNI EN ISO 10007 “Guidelines for configuration management”; ISO 9001:2008 (since 2010).



R&D, staffed by a pool of more than 30 highly qualified engineers and technicians, is constantly designing new and innovative solutions.

RESEARCH & DEVELOPMENT Thanks to it, Electrosys markets one of the industry's most comprehensive ranges of digital terrestrial transmission systems, including the new transmission standards. An intensive definition phase, including accurate demand analysis and customer involvement, ensures products that are tailored to suit client needs.

The concurrent involvement of all functional business areas from development, manufacturing, quality assurance right through marketing and service considerably shortens the time between conception and marketable product.

INTEGRATION

ELECTROSYS System Integration amalgamates the company's departments and business units. The system engineering team interfaces with each business unit to provide application oriented and problem specific solutions, ranging from upgrading transmitting systems, building new transmitting stations, to planning and installing complete broadcasting networks.

AFTER SALES

To further emphasize seamless familiarization with our products and services, Electrosys offers a year-round, fully functional training facility for its clients. This facility provides portable training material as well as in-house classes.



BUSINESS LINES

ELECTROSYS' business lines – Broadcast communications, Scientific application and Turn Key Solutions – share the common commitment of offering superior technology, performance, quality and flexibility. The application of innovative technology and visionary design secure a competitive edge for Electrosys customers. Our wide standard product lines combined with customer-specific solutions make it easy to select the right product and service for every requirement.

BROADCAST COMMUNICATIONS
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SCIENTIFIC AND SPECIAL APPLICATIONS
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TURN KEY SOLUTIONS
TURN KEY SOLUTIONS





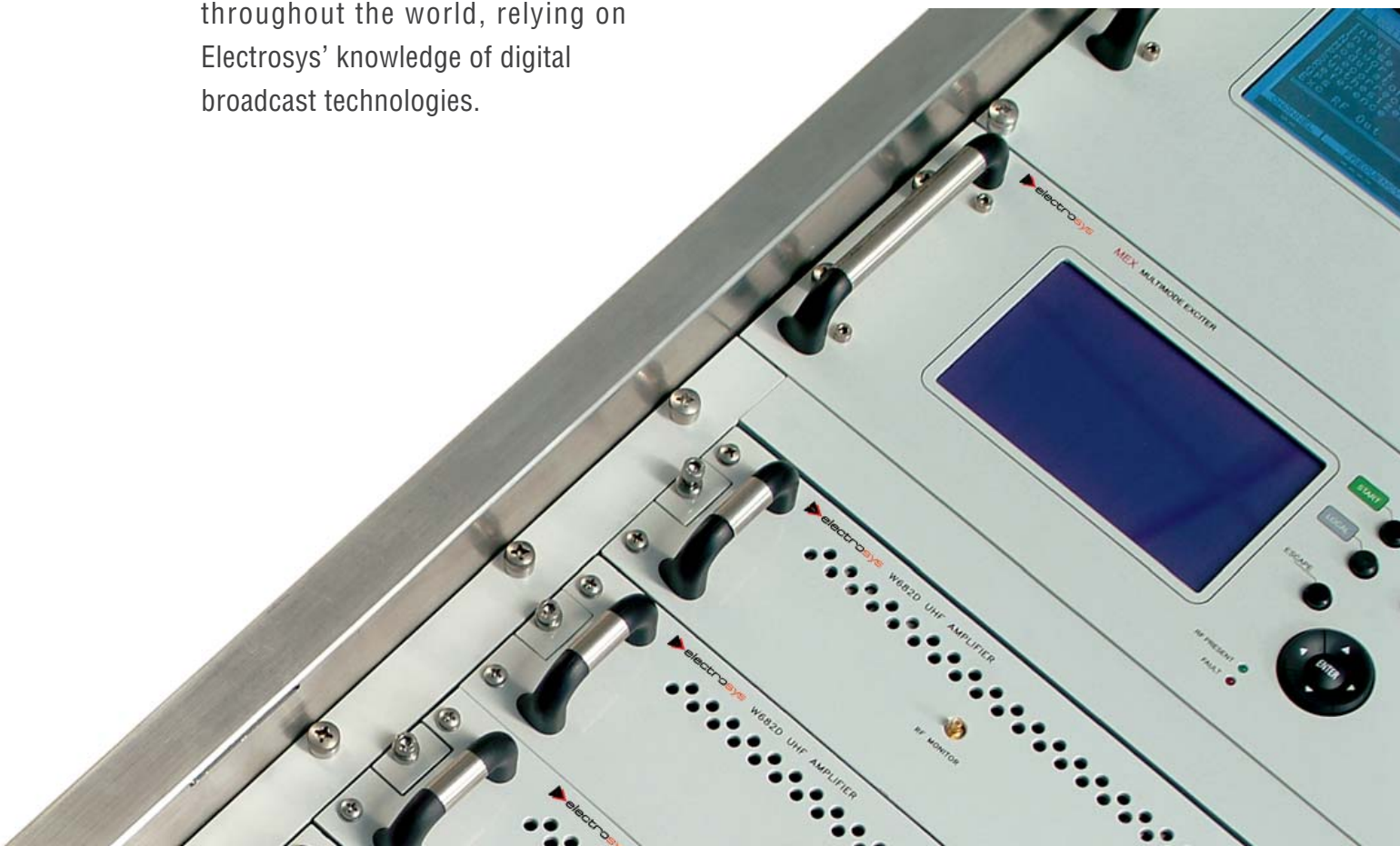
PRODUCT LINES

ELECTROSYS provides the industry with one of the most comprehensive product lines of terrestrial transmitting systems for television and radio broadcasting. State-of-the-art equipment is available for any analogue and digital broadcasting standard, including DAB, DVB-T, DVB-T2, DVB-H, DMB-T, ISDB-T, ISDB-T_B and ATSC, low and high output powers.

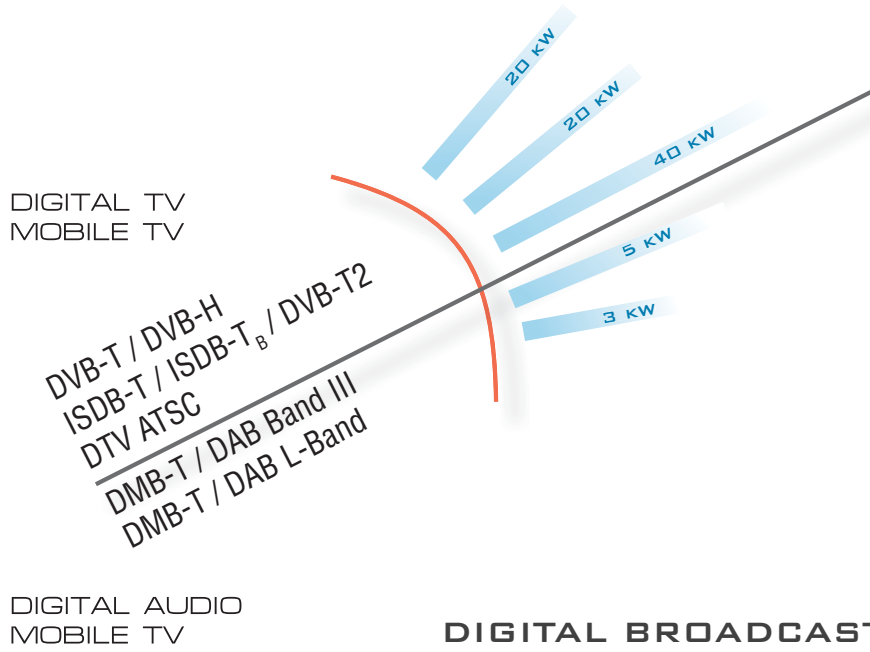
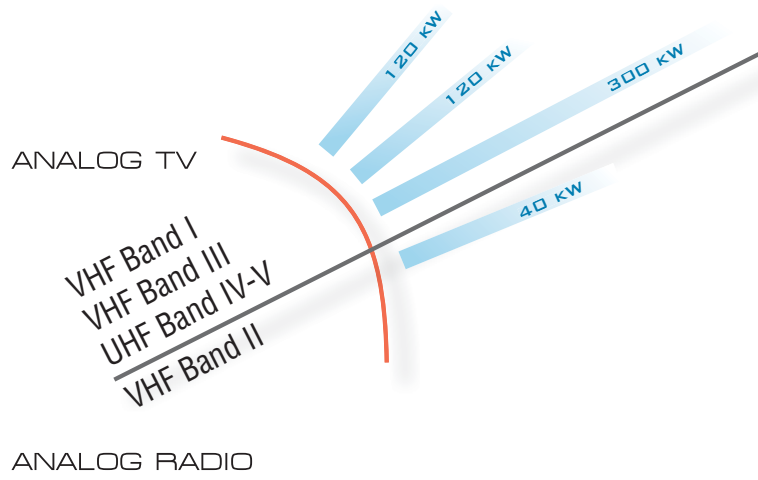
The products reflect our vast experience in radio frequency systems, know-how in implementation of sophisticated technologies and expertise in digital broadcasting.

Radio frequency (RF) stages utilize advanced solid state, inductive output tube (IOT) or tetrode technologies. Transmitter configurations range from single and multiple transmitters to active and passive reserve systems.

Our equipment exceeds the most demanding technical and environmental specifications and requirements imposed by broadcasters throughout the world, relying on Electrosys' knowledge of digital broadcast technologies.



ANALOG BROADCASTING





INSTALLATIONS ALL OVER THE WORLD

USA

Arizona
California
Colorado
Florida
Georgia
Hawaii
Idaho
Illinois
Massachusetts
Missouri
New Mexico
New York
North Carolina
Ohio

CANADA

Montreal
Ontario
Quebec
Toronto
Vancouver

CENTRAL & SOUTH AMERICA

Argentina
Bolivia
Brazil
Chile
Colombia
Costa Rica
French Guyana
Dominican Rep.
Ecuador
Guadalupa
Guatemala
Honduras
Mexico
Nicaragua
Peru
Salvador
Uruguay
Venezuela

EUROPE

Belgium
Croatia
Czech Rep.
Denmark
Former Yugoslavia
Finland
France
Germany
Greece
Holy See
(Vatican City)
Hungary
Iceland
Ireland
Italy
Latvia
Monaco
Norway
Poland
Portugal
Romania
Russia
Slovenia
Spain
Sweden
Switzerland
United Kingdom

ASIA

Afghanistan
Azerbaijan
Brunei
Cambodia
China
Cyprus
Hong Kong
Indonesia
Iran
Iraq
Israel
Jordan
Korea
Lebanon
Malaysia
Philippines
Sri Lanka
Syria
Taiwan
Thailand
Turkey
Vietnam

AFRICA

Algeria
Burkina Faso
Cape Verde
Congo
Eritrea
Gabon
Ghana
Kenya
Ivory Coast
Liberia
Madagascar
Mali
Morocco
Mozambique
Niger
Nigeria
Reunion
Senegal
Seychelles
South Africa
Sudan
Togo
Uganda

OCEANIA

Australia
Papua
New Guinea
New Zealand

USA

CHICAGO

Sears Tower Station
120kW UHF IOT Transmitter
10kW DTV S.S. Transmitter

CLEVELAND

Parma Station
120kW UHF IOT Transmitter
10kW DTV S.S. Transmitter

NEW YORK

Smith Town Station
7kW DTV IOT Transmitter
120kW UHF IOT Transmitter

DALLAS

25kW DTV IOT Transmitter
120kW UHF IOT Transmitter

ST. LOUIS

25kW DTV IOT Liquid Cooled Transmitter

LATIN AMERICA

**Costa Rica, Guatemala, Nicaragua, Colombia, Venezuela
Ecuador, Paraguay, Dominican Republic**

UHF Band IV-V, VHF Band I-III different output powers (S.S.)

ITALY

DVB-T Nationwide Network

SWEDEN

Midnightsun Project

4 Nationwide multiplexers in N+1 configuration
fan high power solid state FM network

GREECE

Imittos Station and Parnitha Station

DVB-T Nationwide Network

MALAYSIA

Kuala Lumpur station

FM network up to 5KW
Tv Network up to 30 KW (solid state and IOT)

THAILAND

Baiyoke Sky Tower the tallest building in Thailand

15+15kW VHF S.S. Transmitting System in active reserve

PHILIPPINES

Manila station

120 KW VHF Band I solid state Transmitter

PORTUGAL

DVB-T Nationwide Network

CAMEROUN

Analog Tv and DVB-T Nationwide Network

Scientific and special applications

MORE THAN BROADCAST

Scientific and special application is a highly regarded company business.

Products include sub-systems utilizing radio frequencies and such products are in use in advanced physics (scientific application), biomedicine and aero-spatial developments (special application).

Our equipment derives from intense collaboration and continuous comparisons concerning customer needs; we develop solutions after careful analyses and project evaluations as required in such different fields.

Among the most significant projects we took part in the following to be mentioned:

“SINCROTRONE” concerning communication and a control system in a particle accelerator; starting from this many other challenges prove Electrosys’ reliability in different technology areas as a further warranty for our customers.

APPLIED PHYSICS
APPLIED PHYSICS



BIOMEDICAL APPLICATION
BIOMEDICAL APPLICATION



DATA ACQUISITION
DATA ACQUISITION



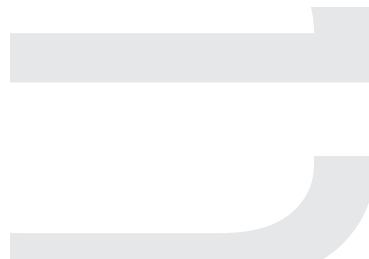
Turn-Key solutions

OUR CUSTOMERS, FIRST OF ALL

The experience gained from installing our products all over the world gave us the knowledge and structure necessary to offer an excellent service, covering every step from design to installation within television and radio broadcast.

Moreover, Electrosys offers a custom-tailored turnkey solution to any kind of request from analogue and digital television communications, to mobile television, microwave radio transmission, wireless broadband access and network infrastructure.

The Turn-Key project division provides a wide range of services and products from planning, installation, maintenance and operation of complete networks and systems to shelters, microwave links, wireless, wired and broadcast networks.



TRAINING

Our after sales training service aims to provide a fast, professional and complete assistance in maintaining and operating Electrosys equipment: technicians, installers and other personnel are always available for information, technical instructions and, when needed, maintenance operation.

Our customers will always find availability, kindness and professional answers to their calls.



MARKET DISTRIBUTION NETWORK

In marketing, maintenance and contact with our customers, we fully trust in our worldwide network of agents, distributors and partners.

As a matter of fact, Electrosys reaches and covers the world and is present in the major events like broadcast fairs, conventions and commercial appointments.





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