



Company Profile

May 2019

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- The software suite

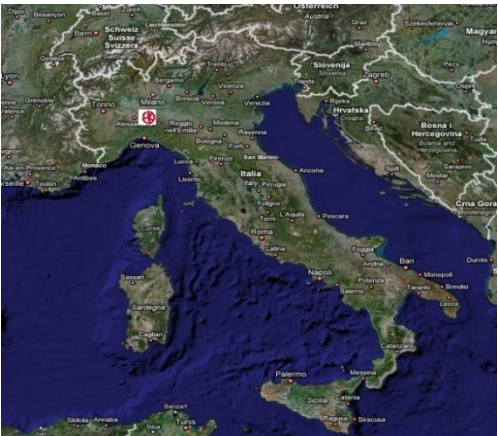
MANUFACTURING

- Eurotek Capabilities
- SMT Production
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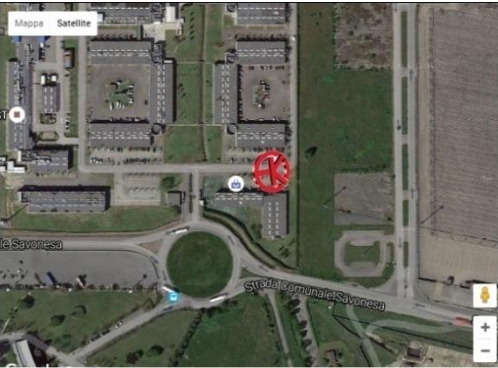
OUR JOBS

- KBS Network** - ATSC 3.0 UHD Tv with Eurotek new Platform
- Rai Produzione** - Giro d'Italia 2016
- Raiway** - Test Bench for Eurotek Radio Links
- Ducati Sistemi** - Telepass RSU
- Wave Central** – 5 GHz Block Down Converter
- Pirelli/Avanex** – Lithium Niobate Modulator

Location



Eurotek Broadcast Solutions is located at Rivalta Scrivia, in the Alessandria province, inside the Scientific, Technological and Telecommunication Park of Scrivia Valley.



From	To	Distance (Km)
Eurotek Rivalta Scrivia (AL)	Alessandria	23
	Milano Malpensa	125
	Genova	68
	Torino	147

Profile

**EUROTEK: ONE COMPANY with more than 25 YEARS
of BROADCAST EXPERIENCE**

Eurotek is a Company established in Italy in **1991**
for Design, Manufacture and Sale of:

- **Equipments**
- **Systems**
- **Antennas**
- **Accessories**

For TV broadcasting applications

Our product portfolio includes:

- **Head End Systems**
- **Microwave Radio Links**
- **DTV Transmitters**

both digital and analogue, as well as all the
Antennas and Accessories for the turnkey
construction of a television network

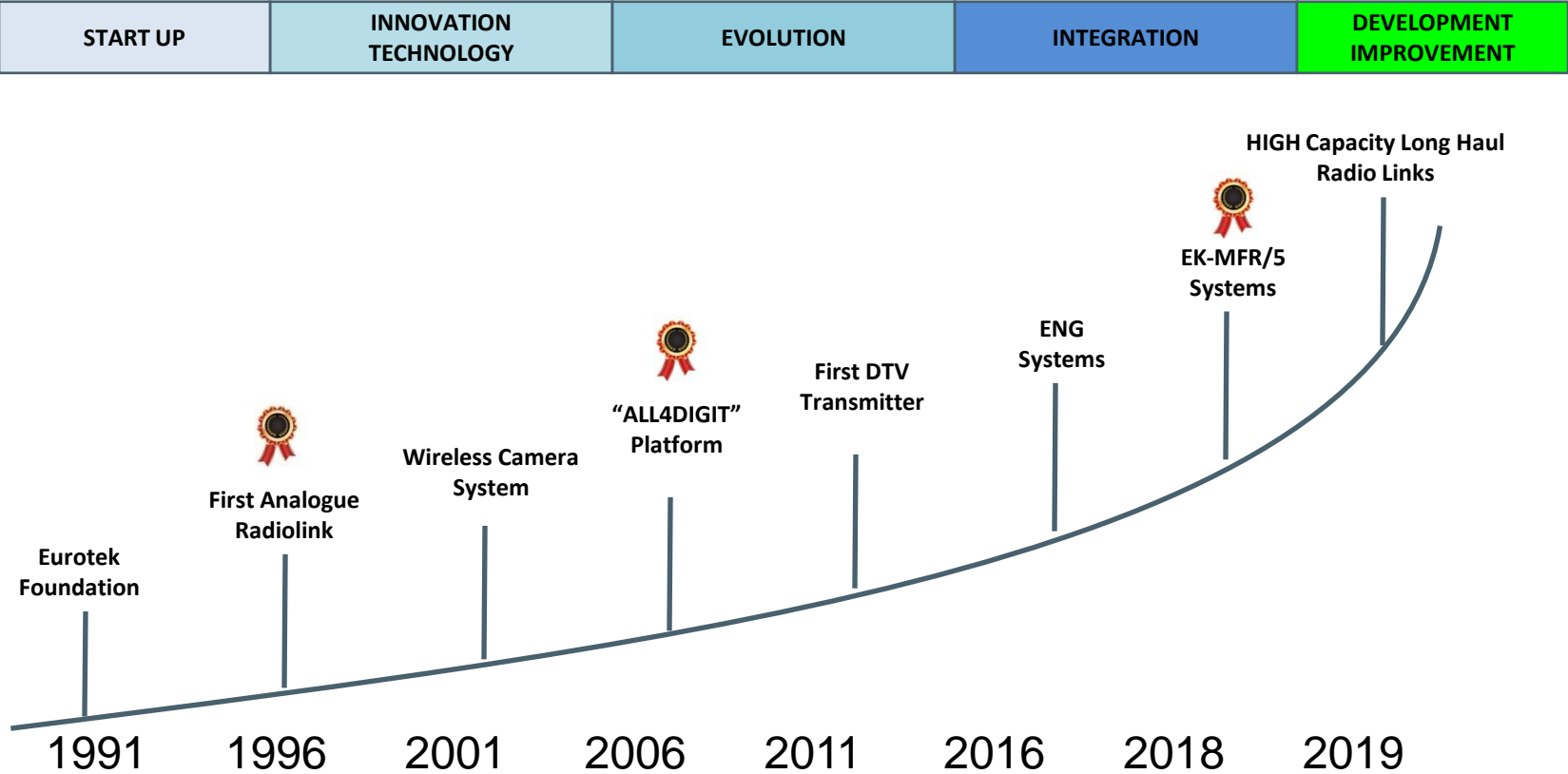
First in the world since 2004

we have applied the concept of:

- **Modularity**
- **Flexibility**
- **Scalability**

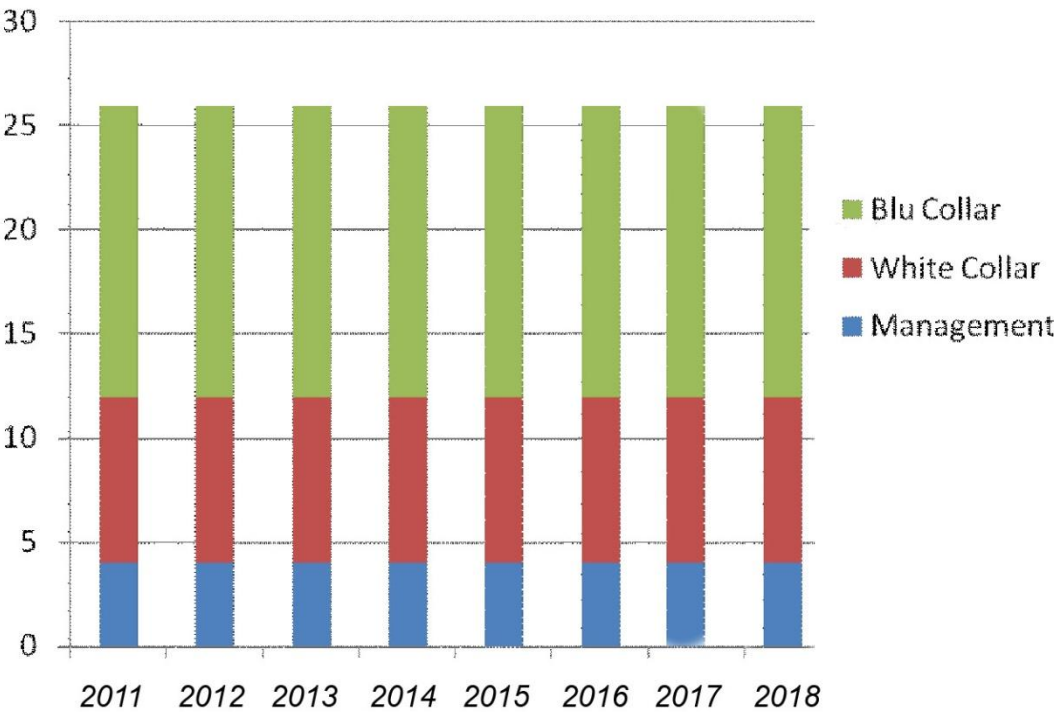
on Broadcast Equipment thanks to the
introduction of high-density intelligent
platform called "**All4Digit**"®

Eurotek vs years

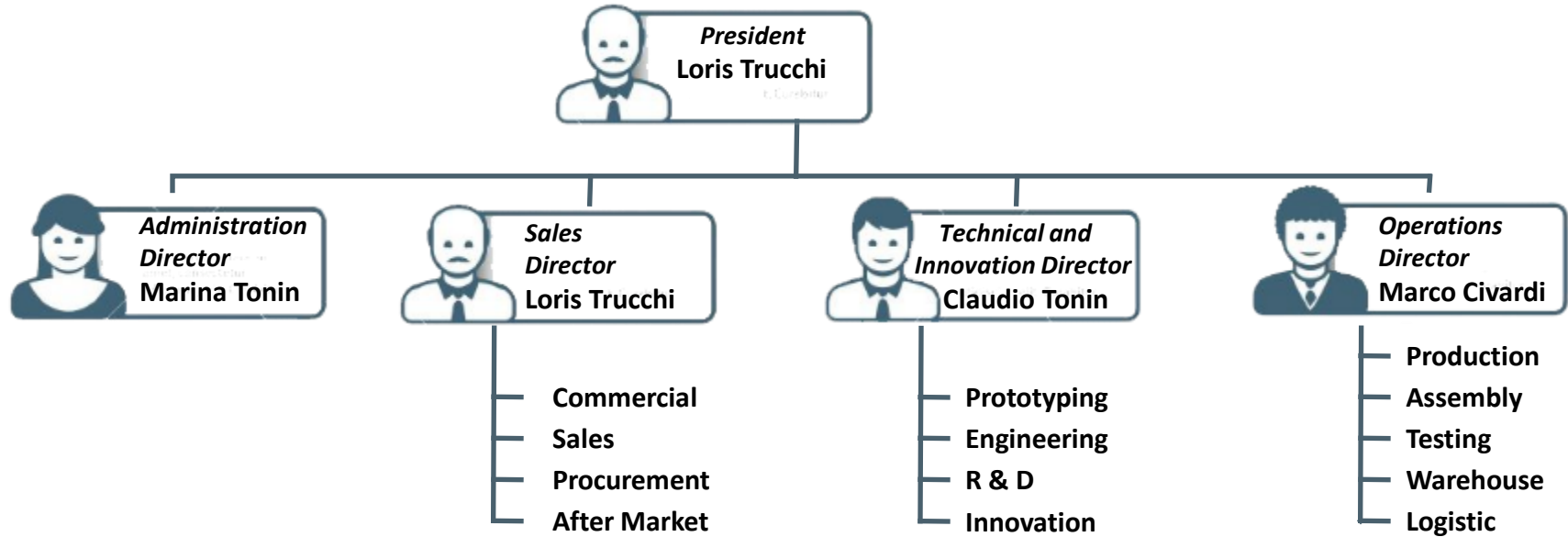


Employees

Human Resources



Organization Chart

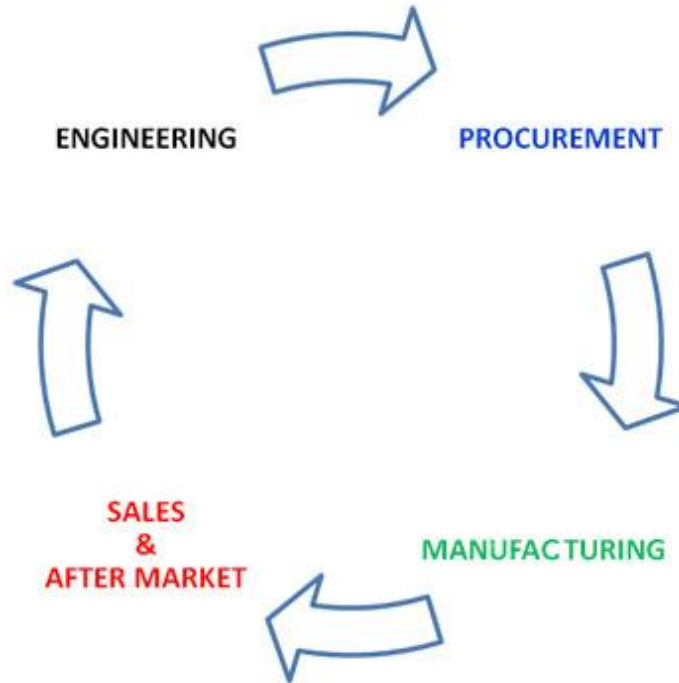


Process Management

- System design
- Software development
- First Sample construction

• Immediate answers to support customer inquiries with technical and commercial documentations

- Worldwide capacity with Dealers, Agents, Distributors to support On-site installations and maintenance needs of the customers



- Raw Material Management
- Electronic Components
- Suppliers supervision

- Planning
- Tooling Manufacturing
- Automatic Assembly with “Pick & Place”
- Sub-Assembly
- Final Assembly
- Functional Testing
- Final Acceptance Test

Dealers/Distributors/Installers

Eurotek is a Global Company Worldwide Sales with Dealers/Distributors/Installers

USA : VISLINK

CANADA : VISLINK

MEXICO : COMTELSAT

ECUADOR : SISTEMAS DE RADIO FRECUENCIA

CHILE : SAIMEX

PERU' : TELVICOM

ARGENTINA : FDM BROADCAST S.R.L.

HONDURAS : LIM COMUNICACIONES

COLOMBIA : LIM COMUNICACIONES

COSTA RICA : LIM COMUNICACIONES

NICARAGUA : LIM COMUNICACIONES

ASIA : NERA TELECOMMUNICATIONS

SOUTH KOREA : DOBU NETWORKS

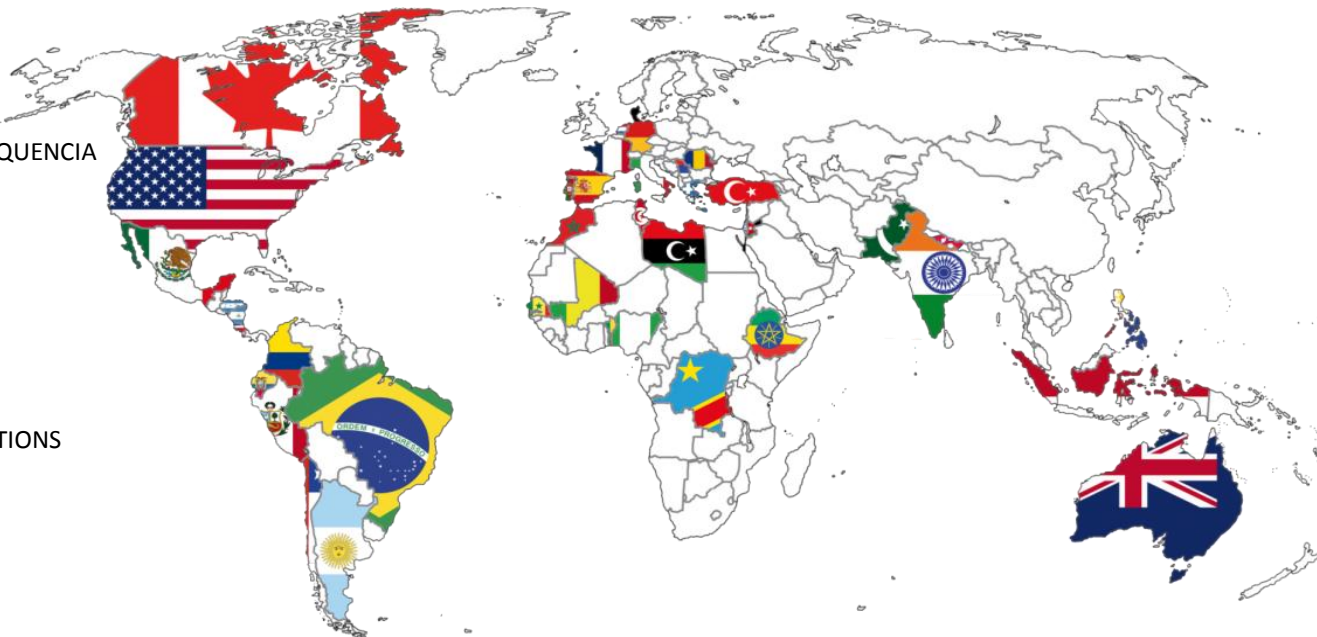
CONGO : TELECONSULT

SPAGNA: : VIDEO MEDIOS SA

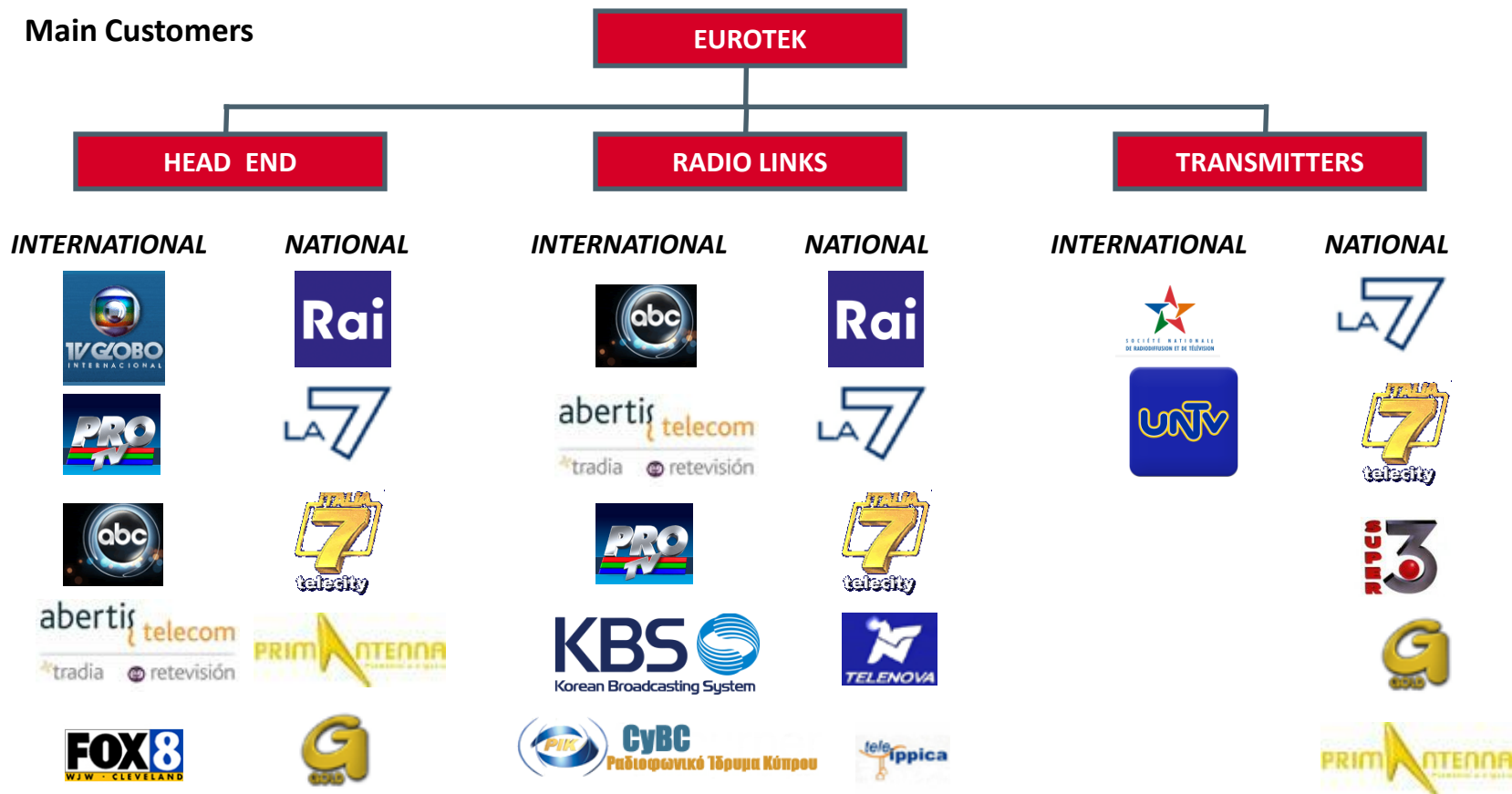
ROMANIA : LAET-EXIM

SERBIA : TN TV

GRECIA: : RF HELLAS



Main Customers



National Customers



International Customers



Our Services: Installation, Training, Assistance

INSTALLATIONS: Our experience start from **installation and configuration of Head-end systems**, passing through **installation of single and/or backbone Radio Links**, until you get to the **installation of Broadcast Transmission products**.

The high skills of our staff enables us to provide more efficient, quick and professional service to our customers.



2015 World Ski Championship



2016 World Cycling Championship



Congo TV Live Events

Our Services: Installation, Training, Assistance

TECHNICAL TRAINING : Technical training is for us a competitive edge essential for the consolidation of **our role as a supplier of professional equipment always technologically advanced.**

Thanks to these trainings or technical update we provide to the customers the necessary skills to investigate and **fully understand how they works** or how they should be installed our equipment.

In the courses, offered for free in our laboratories, include also sections of instrumental measurements, simulations of practical achievements, as well as, **testing techniques on how to monitor and take action on the equipment.**



Our Services: Installation, Training, Assistance

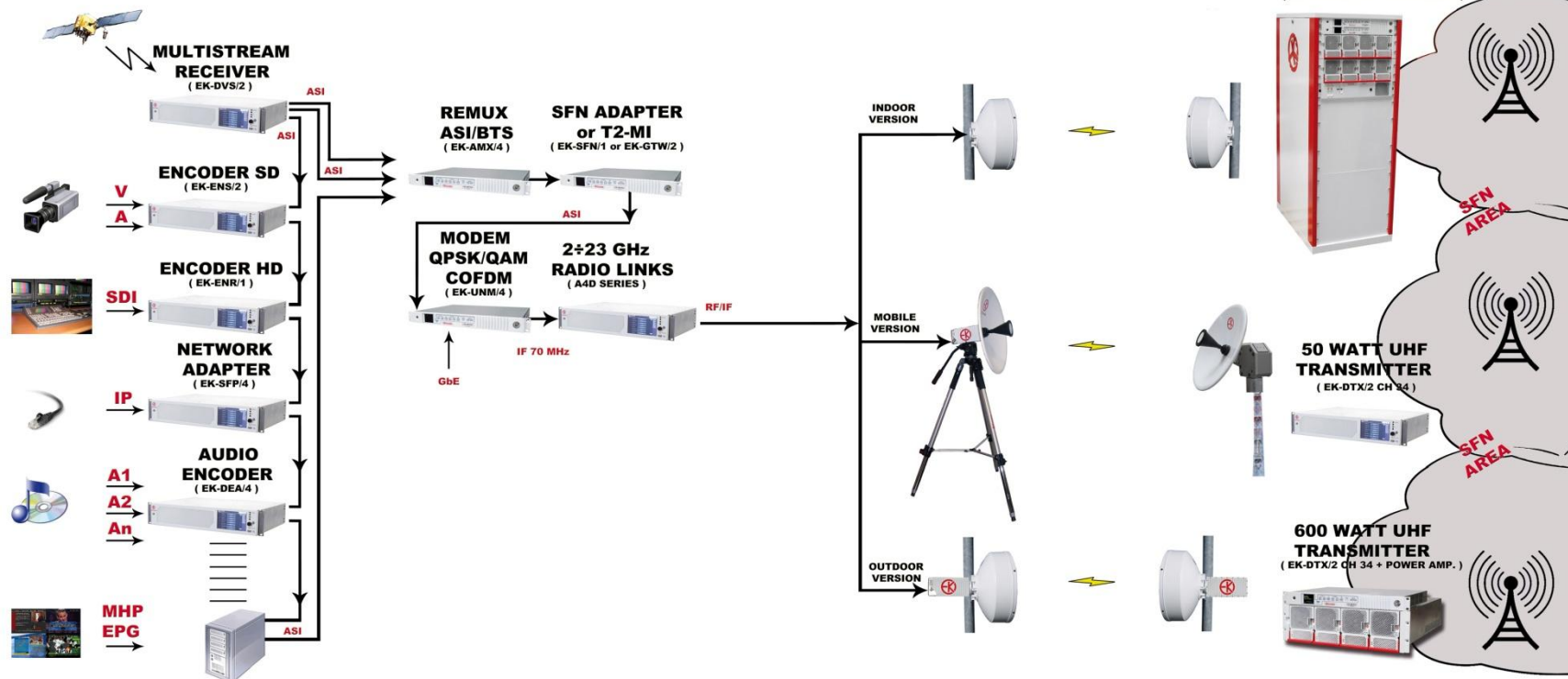
AFTER SALES SUPPORT: The After Sales Service is one of **the cornerstones of our corporate.**

After many years we always keep a close relationship with our Customers and we continue to support them in their needs without ever leaving care about new products and **also on those ones are no longer in production.**



System Overview

"All4Digit"® INNOVATIVE SYSTEMS FOR DTV NETWORKS



"All4Digit"® Products : High Tech 100% made in Italy

HEAD END



**HD/SD Single/Multi-channel
Encoders**

**DVB-S/S2 Multi-stream
SAT Receiver**

**T2 MI Gateway
SFN Adapter & MIP Inserter**

ASI Mux/Demux/Remux

**Network Adapters:
ASI <=> IP**

**ASI <=> SMPTE 310M
ASI <=> E1/T1**

RADIO LINKS



**STL / TSL & Backbone Systems
2-23 GHz - IDU / ODU / Mobile -**

**Interfaces: GbE, SDI, PAL/NTSC,
SMPTE 310M, E1/T1, ASI/BTS**

Data rate up to 1Gb/s

High Power options

1+0, 1+1, 2+0 versions

Web & SNMP Management

DTV TRANSMITTERS



**DVB-T2/T, ISDB-T/Tb, ATSC,
Dual Cast Exciters**

**DVB-T2/T, ISDB-T/Tb, ATSC,
Repeaters**

**DVB-T2/T, ISDB-T/Tb, ATSC,
Dual Cast Scalable
Transmitters from 4W to 2,4KW**

**Multi-channel Transmitters:
N+0, N+1, N+2, N+M**

Single/Dual drive versions

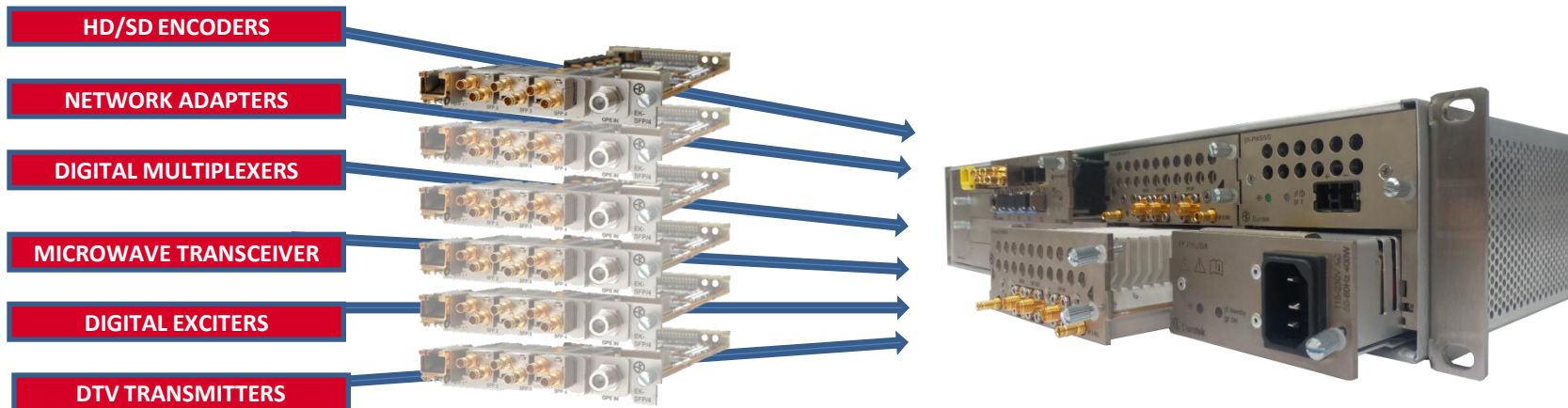
"All4Digit"® - Innovative Systems for DTV Networks

Our innovative system thanks to independent slots and LINUX OS can be configured according to the needs and become an A/V Encoder, a Radio Link, a Transmitter **or even all the functions at the same time** simply inserting the appropriate cards into the Mainframe.

"All4Digit"® platform can therefore **HANDLE** any signal at its input/output: DVB-S/S2, ASI, BTS, IP, CVBS, SD/HD-SDI, E1/T1, E3, etc., **CARRY** signals to any frequency from 2 to 23 GHz and **TRANSMIT** in any modulation.

FLEXIBLE
MODULAR
SCALABLE

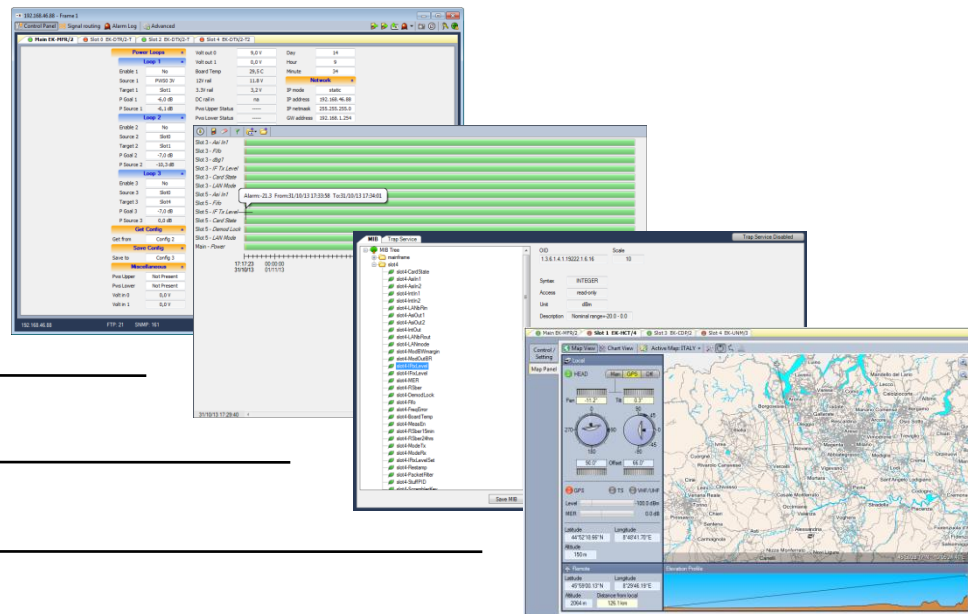
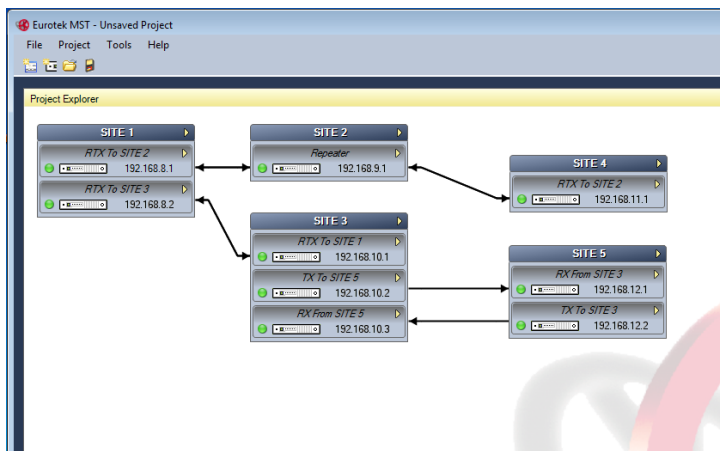
CUSTOMIZED
CONFIGURATION



The software suite.....

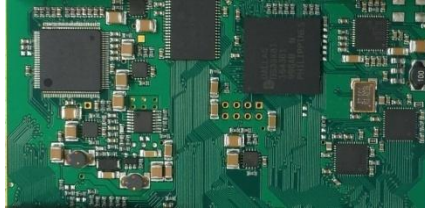
Eurotek develops state of art software solution and keeps to improve applications according to customer needs.

Eurotek has created the **Eurotek MST** software that allows to manage and monitor all the products functionalities (Remote Control, Network management, Parameter settings, Internal connections, Log analysis, Firmware update, etc...).



Eurotek has the following production capabilities:

- PCB assembly line SMT (surface mount technology) and PTH (pin through hole)



SMT



PTH

- Mechanical Assembly
- Functional Test for single board and/or complete equipment

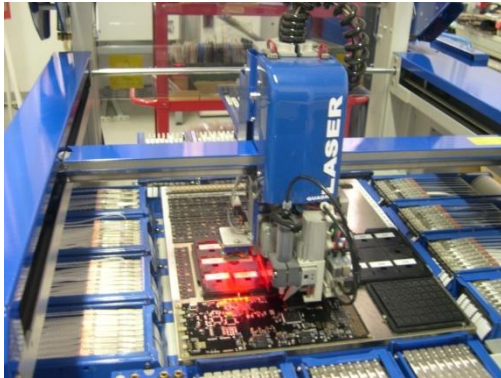
Eurotek also have qualified Suppliers for the following processes:

- Milling and Turning
- Sheet Metal processing
- Galvanic Treatments
- Coating and Painting

SMT Production (main steps):



Step 1 - SMT stencil printer (application of the solder paste on the printed circuit)



Step 2 - Pick & Place machines (to place surface-mount devices onto a printed circuit board)

SMT production (main steps):

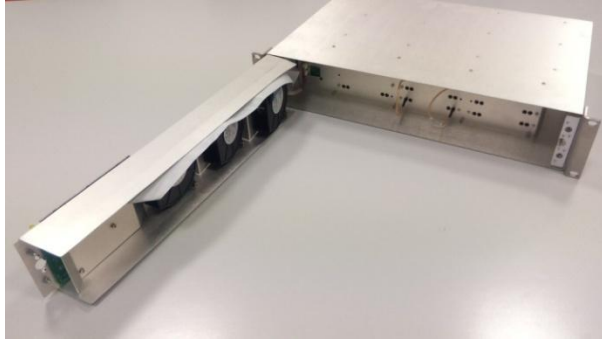


Step 3 - Vapor-Phase Soldering System

Benefit of this type of soldering:

- For production and prototyping
- Lead-free soldering pastes can be used without limitation
- Oxygen-free preheating and soldering process

Mechanical assemblies:



2U - General Purpose Frame



Waveguide Branching System for Radio Links

Assembling of Racks and Sub-Assemblies

Eurotek has mechanical and electro-mechanical production capability.

Activities include Turnkey procurement and Assembly (box-build) or Labor-only assembly of customer consigned components.



1U - General Purpose Frame

Functional Tests:



Eurotek has the following types of measurement and control instruments (the tests are carried out with internal procedure and/or customer specification):

- Digital Oscilloscope
- Spectrum Analyzer up to 26,5 GHz
- Scalar Network Analyzer up to 40 GHz
- Logic Analyzer
- Ethernet and optical test equipment
- Climatic chamber



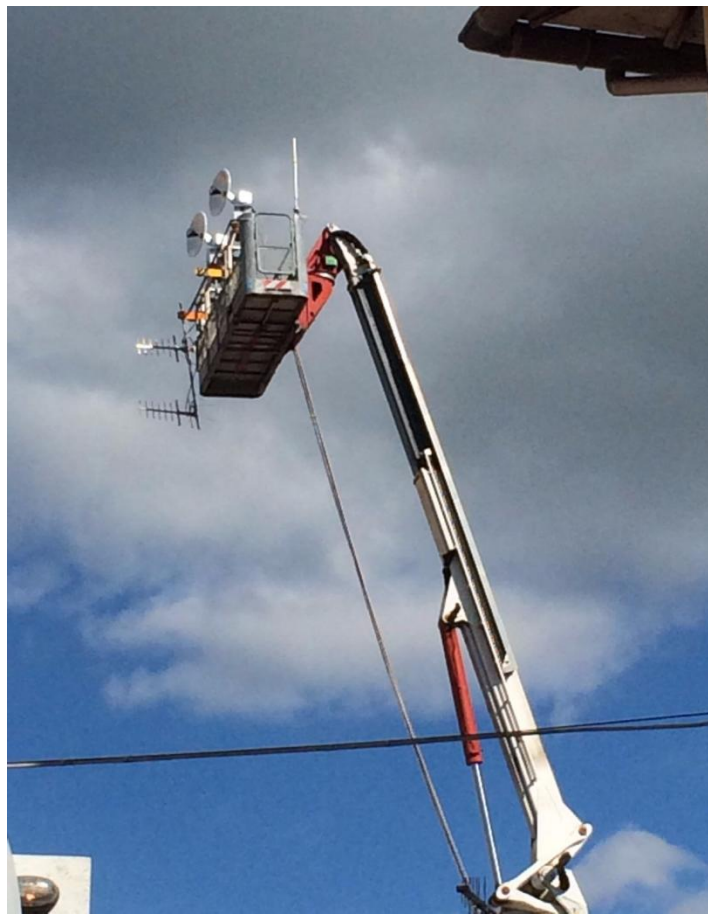
KBS

Network for ATSC 3.0 UHD Tv
with Eurotek new Platform....

First test drive in South Korea



Rai Produzione Giro d'Italia 2016-2017-2018-2019



Raiway

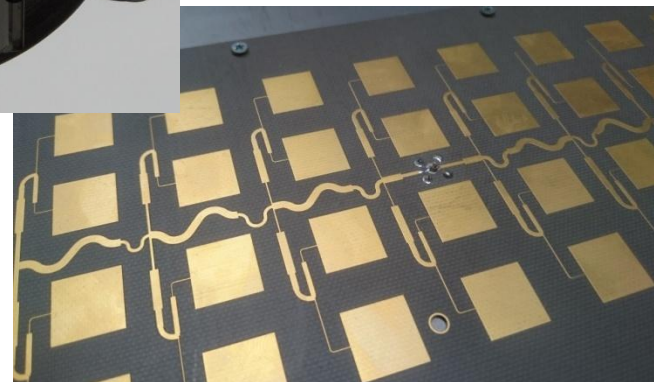
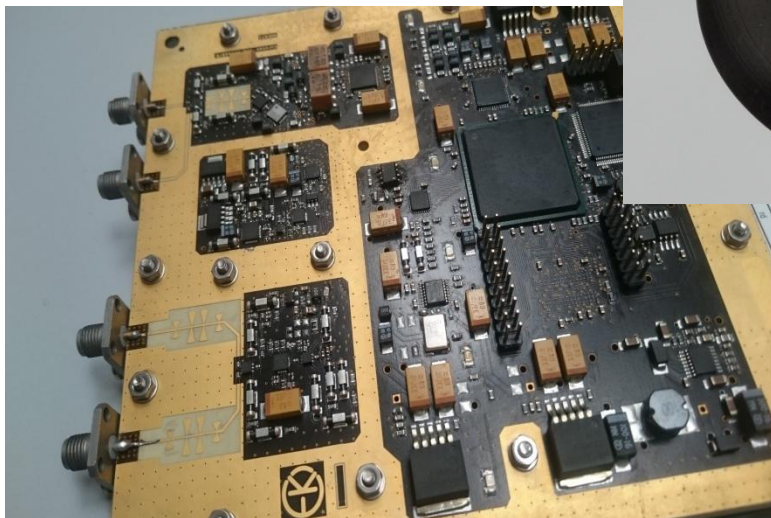
**Test Bench for
Eurotek Radio
Links for the
supply of the
Nationwide
network**



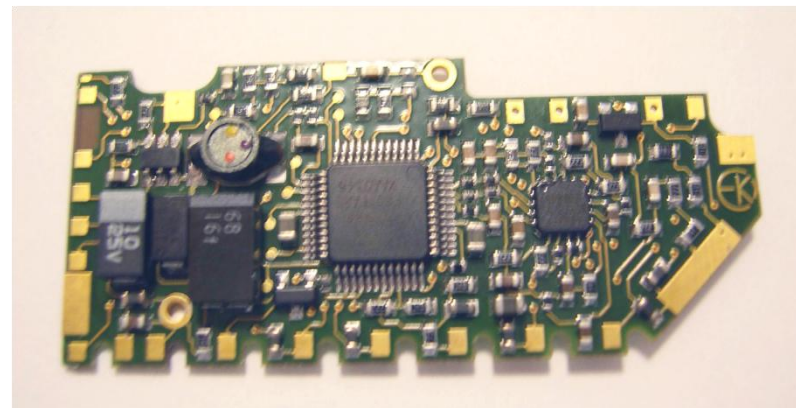
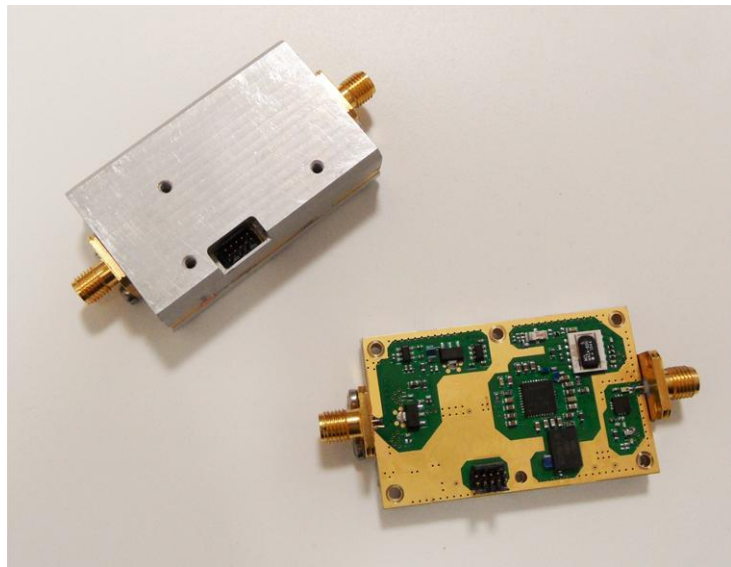
Ducati Sistemi

Telepass RSU

1st SDR
Telepass



5 GHz Block Down Converter



Pirelli / Avanex Lithium Niobate Modulator

Rai Produzione

**Portable Radio Links
for LIVE Broadcast
Events (ENG)**



**Global Production
Video and Data
Transport**



SNRT

Digital Transmitter's network....



....50 Multi-channel DVB-T/T2 Transmitters

For more info follow us on:



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