Why Rome?

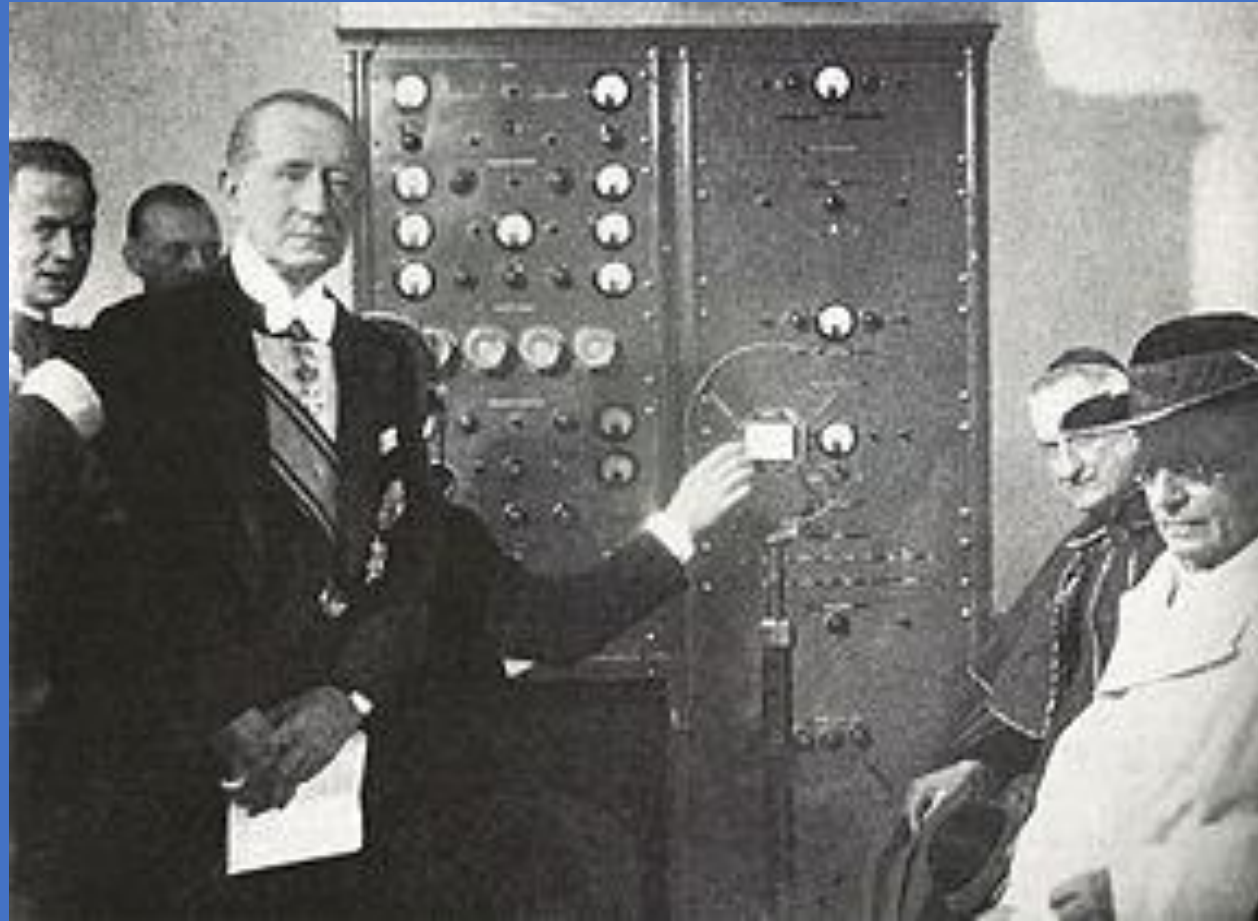**Italy is a leader in many industry segments – Industry4.0**

Italy leading 5G trials in Europe

Guglielmo Marconi

(source: https://it.wikipedia.org/wiki/Guglielmo_Marconi#/media/File:Radiovaticana36.jpg)

Who is Athonet?

Software Mobile Core – Edge Cloud

World's First LTE Commercial Smartgrid / One of the world's largest IoT deployments for Enel

World's First LTE commercial deployment for disaster relief – Italian Earthquake

First Private LTE network for an Electrical Power Plant

Malawi's first LTE network (2015)

MVNO for public safety – Government of Finland 2015

Winner of GSMA Global Mobile Award 2016

The Software is the Network.

Enables vast new markets
Pushes intelligence & content to network edge
Mobile Networks that are rapid to deploy
Simple to Manage – IT-Friendly
Leading edge reliable performance

Autonomous Cars & Drones

Digital Enterprise

SmartCities

Public Safety

IIoT

Industry 4.0

Smartgrids

ATHONET

Enel – 2014 – Power Plant Comms

- Dedicated LTE coverage of one of Europe's largest and most advanced power plants including indoor and underground rooms
- Dedicated coverage of adjacent construction site for new coal storage domes
- Complete mobile Intranet (data, voice, video) on standard tablets, smartphones and dongles
- Integration with utility ICT infrastructure and enterprise PBX
- Very low latency access to sensors, video cameras and LAN
- Integration with safety-at-work applications for power plant and building site personnel

LTE for Broadcasters – Milan World Expo 2015

❑ Rai Way, Italy's state-owned transmission and broadcasting network provider, in collaboration with Athonet has deployed a ground-breaking private LTE network dedicated to serving the high performance connectivity needs of RAI's television and radio transmissions within the large area covered by EXPO 2015 World's Fair in Milan.

❑ This dedicated broadband wireless network has enabled Rai Way to manage its site communications and connect mobile high definition TV cameras, radio locations and its Media Center in real-time.

❑ The private LTE network can be installed very rapidly allowing Rai Way to provide real-time wireless broadband connectivity to cover events and provide images in real-time from specific areas of interest even during critical situations when public networks become congested.

Network in the Sky for LTE, VoLTE/ViLTE, MCPTT - 2017

Bringing the network where it is needed