

GREENLAND

NORTH
AMERICA

ASIA



AFRICA

SOUTH
AMERICA

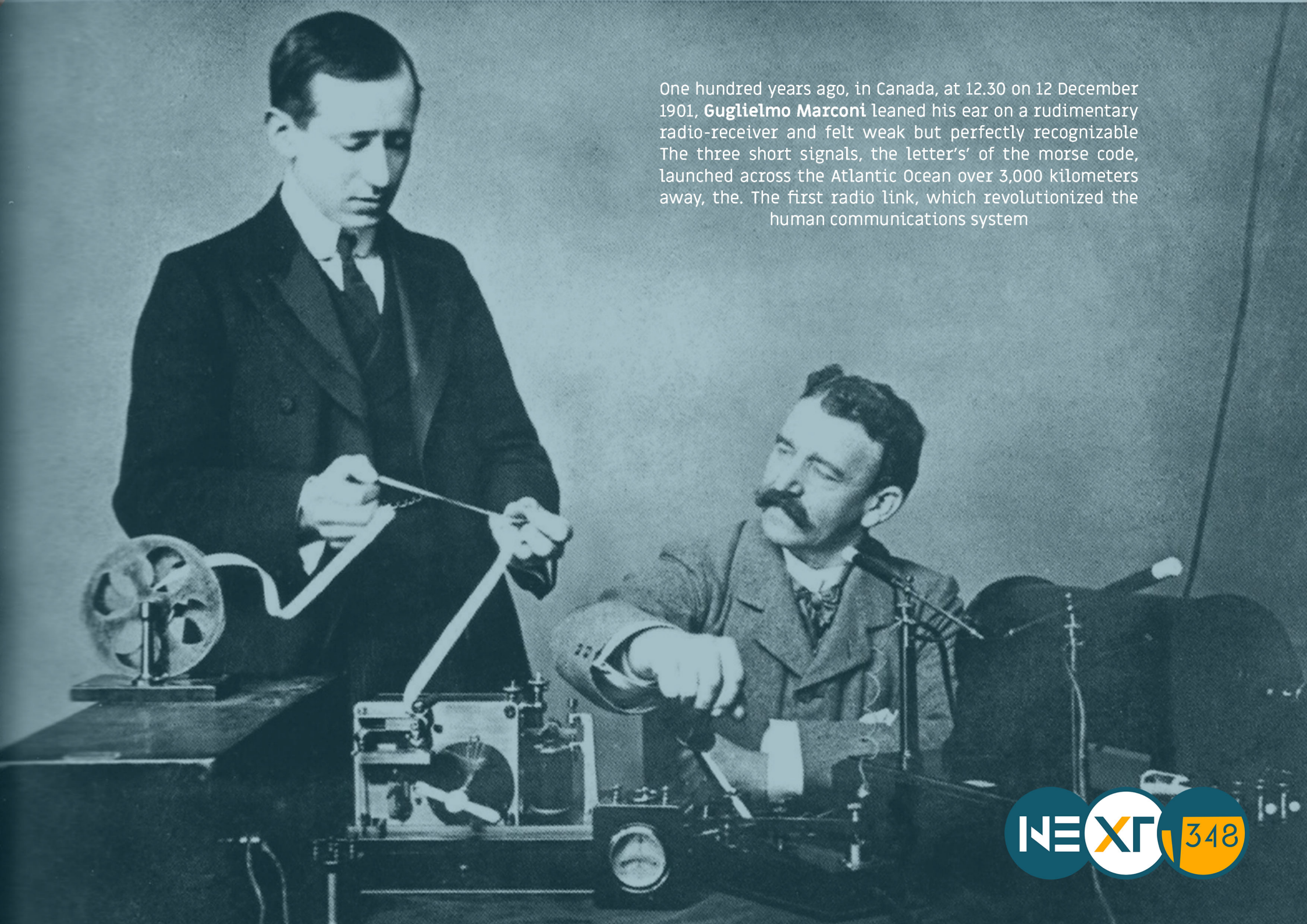
Radio link Nigeria

ATLANTIC
OCEAN

INDIAN
OCEAN



THINK THE FUTURE
BE THE FUTURE



One hundred years ago, in Canada, at 12.30 on 12 December 1901, **Guglielmo Marconi** leaned his ear on a rudimentary radio-receiver and felt weak but perfectly recognizable The three short signals, the letter 's' of the morse code, launched across the Atlantic Ocean over 3,000 kilometers away, the. The first radio link, which revolutionized the human communications system

"Shaping the digital future"

Investing in technological innovation could generate up to 14% additional cumulative GDP growth by 2030, in fact, the digital transformation of society and the economy is identified as one of the key objectives for technological development in the coming years. With the 'Digital Africa' Project Next gives form and substance to this objective, focusing on building digital capacity and implementing actions to support public administrations in deploying and accessing digital technologies to improve interaction between citizens, government and industry.

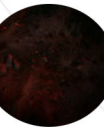
To be achieved, these objectives require not only adequate investment in infrastructure, services and innovative tools, but above all new management models based on an operational eco-system and creating a model that takes full advantage of the change of scenario imposed by the pandemic, and implements the desired digital transition capable of social and economic transformation. But in order to meet the challenge posed by the pandemic, we need not only communication networks, but a network made up of relationships, synergies and effective collaboration between institutions, industry and society, in which all players must work together, in a common effort, creating a virtuous circle between investments and projects, focusing on long-term policies for the modernization and digital transformation of the country.

If Coronavirus, Contagion, Cure have been among the most used words in the last period of time, the Cs of change will be: Connectivity, Competence, Creativity, Culture and Co-operation.

Engineering, construction and maintenance of networks and advanced technological systems for the interaction of people and objects in a connection without limits, Next in the design and installation of Radio Base Stations (SRB) (a system consisting of antennas, transceivers, control and communication equipment with the network, and support structures such as poles, cabinets, power supply that provide the radio coverage necessary for the operation of mobile telephony terminals.

Engineering, implementation and maintenance of advanced technological networks and systems for the interaction of people and objects in an unlimited connection.

Engineering, implementing and maintaining sophisticated networks and it systems for the interaction of people and objects in unlimited connection



1983



1996



2022





The diagram features a central circle labeled "Mobile Network". Surrounding it is a larger circle containing six smaller circles, each with an icon and a label: "Wireless" (Wi-Fi symbol), "PMR/DMR" (three monitors), "Broadcasting" (tower with signal waves), "Radio Link" (satellite dish), "SRB Construction" (lightbulb), and "Services" (magnifying glass). The background includes faint numbers like "3.0", "1.2", and "1.1".

Mobile Network

Wireless

PMR/DMR


Broadcasting

Radio Link

NEXT pj has been present in the field of Mobile Telephony networks since the development of the first networks by Italian providers.

Project implementation starts with a first stage focused on services such as the selection and contractualization of the areas suitable to host the **SRBs** (Radio Base Station) all the way to the all inclusive introduction into network traffic.





In implementing a mobile network, the first stage calls for the selection and contractualization of a suitable area established by the “SARF” coverage project, which may be identified on lots of land or real estate properties or other structures suitable to provide radio communication coverage.

The skills of our operators in charge of this service help to identify the best solutions both in terms of coverage and feasibility of the works, keeping into account the financial aspects such as “lease fees” and permits, as well as the “Urban/Environmental requirements” with the final goal of making the work possible to implement within the time frames and the budget established by the Client.

SERVICES



Next pj is structured to build radio-communication base stations in all their construction stages, more specifically:

- Civil works
- Electrical systems
- Air-conditioning systems
- Installation with radiant cables and antennas
- Radio equipment installation
- Testing and integration of radio equipment and radiating cables
- Radio-communication coverage on road tunnels and highway tunnels
- Gsmr radio-communication coverage for rfi (the private network for the italian railways as part of a european project to ensure railway safety).
- Micro-cell systems

SRB CONSTRUCTION



Next pj in the field of radio-link connections is one of the most qualified companies on the market.

We install technologies of all the global providers, both for simple and complex networks, more specifically:

- PDH – 8E1 – 48E1 – ETH
- SDH – STM1
- WLL

At the design stage, we carry out the following activities :

- OPTICAL AND INSTRUMENTAL LOS
- INSTALLATION AND TESTING
- INTERFERENCE MEASUREMENTS FOR ALL FREQUENCIES
- FROM 400MHZ TO 42 GHZ.

Our knowledgeable technicians install/test these networks under all conditions with transmission antennas small and big.

We carry out testing/activations supported by test benches that are specifically dedicated to these tasks.

RADIO LINK



Next pj has several years of experience in broadcasting systems, whether analog or digital:
VHF, UHF E DAB-T, DVB-T, DVB-H,DVB-S.

IT DEVELOPS:

- Contribution networks: "High-volume transmission networks"
- Transmission networks "Connection networks from the central sites to the dissemination ones"
- Dissemination networks "Networks to disseminate the signal to the users".

It has available highly qualified personnel and can operate nation-wide. NextPJcan, fully independently carry out all the necessary works, starting from:

- Construction of antenna-support structures (Towers, Poles and anything else that may be required).
 - Installation of all types of equipment.
 - Ancillary systems (electrical systems, structures, air-conditioning systems, and power systems).
 - Installation of Antennas/Dishes.
 - Installation of COAX radiant and waveguide systems.
- Testing and activations

BROADCASTING



Next pj boasts a strong presence in this sector and is capable of operating across Italy with highly qualified personnel authorized to access the areas and holding the certificates issued by the competent authorities.

It implements transmission systems via: radio-link, single-channel networks, multi-channel networks, single-frequency networks, point-to-point networks, multi-point networks, Tetra networks, and radar systems, implementing the following:


- ANTENNA-SUPPORTING INFRASTRUCTURES (TOWERS, POLES, ETC.).
 - ANCILLARY SYSTEMS (EQUIPMENT ROOMS).
 - RADIANT SYSTEMS
 - ANTENNAS/DISHES.
 - EQUIPMENT FOR A VARIETY OF TECHNOLOGIES
 - TESTING AND ACTIVATIONS

Communication inside buildings is fundamental. NextPJ takes care of all telecommunication systems that serve building users and include structured wiring, building WIFI networks and coverage of specific areas of the city with related ACCESS POINTS, as well as active devices that perform internal communications such as switchboards, routers, switches and intelligent phone terminals. In particular:

- Installation of antennas.
 - Indoor equipment
 - Testing and activations

PMR/DMR



The background features a network of white lines and circles on a blue-to-white gradient. Several circular icons are scattered throughout, including a person with a speech bubble, a person with a document, a person with a laptop, and a person with a smartphone. There are also larger, semi-transparent circles in the background.

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WIRELESS



FIXED-LINE NETWORK AND SYSTEMS

Since its foundation in 1989, fixed-line networks represented for NEXT PJ an important part of its core business. At every stage, from design, construction and delivery, NEXT PJ was always at the forefront in this sector.

NEXT pj is capable of installing, testing and integrating in the network a vast range of products by all the Vendors in the sector



The range of products handled by NEXT pj includes the following:

- STRUCTURES
- ELECTRICAL/OPTICAL DISTRIBUTION FRAMES
- MEDIA GATEWAY
- STRUCTURED CABLING SYSTEMS
- NEXT GENERATION NETWORKS (NGN) INFRASTRUCTURES
- POWER STATIONS
- IP DISLAM
- DWDM
- MSAN
- ROUTERS AND SWITCHES
- BSCMSC
- RNC



to order



```
if (paused)
{
    paused = false;
    S_ResumeSound 0;
}

if (skill > sk_nightmare)
    skill = sk_nightmare;

// This was quite messy with SPECIAL and commented parts.
// Supposedly hacks to make the latest edition work.
// It might not work properly.
if (episode < 1)
    episode = 1;

if (gamemode == retail)
{
    if (episode > 4)
        episode = 4;
}
else if (gamemode == shareware)
{
    if (episode > 1)
        episode = 1; // only start episode 1 on shareware
}
else
{
    if (episode > 3)
        episode = 3;
}

if (map < 1)
    map = 1;

if (map > 9)
    && (gamemode != commercial)
    map = 9;

M_ClearRandom 0;

if (skill == sk_nightmare || respawnmonsters)
    respawnmonsters = true;
else
    respawnmonsters = false;

if (fastmap || (skill == sk_nightmare && gameskill != sk_nightmare))
{
    for (i=S_SARG_RUN1 ; i<=S_SARG_PWINE2 ; i++)
        states[i].tics >>= 1;
    mobinfo[MT_BRUISERSHOT].speed = 20*FRACUNIT;
    mobinfo[MT_HEADSHOT].speed = 20*FRACUNIT;
    mobinfo[MT_TROOPSHOT].speed = 20*FRACUNIT;
}
else if (skill != sk_nightmare && gameskill == sk_nightmare)
{
    for (i=S_SARG_RUN1 ; i<=S_SARG_PWINE2 ; i++)
        states[i].tics <<= 1;
    mobinfo[MT_BRUISERSHOT].speed = 15*FRACUNIT;
    mobinfo[MT_HEADSHOT].speed = 10*FRACUNIT;
    mobinfo[MT_TROOPSHOT].speed = 10*FRACUNIT;
}

// force players to be initialized upon first level load
for (i=0 ; i<MAXPLAYERS ; i++)
    players[i].playerstate = PST_BFORN;

usergame = true; // will be set false if a demo
paused = false;
demoPlayback = false;
autoplay = false;
viewactive = true;
gameepisode = episode;
gamemap = map;
gameskill = skill;

viewactive = true;

```




SYSTEM DESIGN AND INSTALLATION



For the installation of the equipment that comprise the previously described networks, NEXT pj can:

- DESIGN, INSTALL AND CREATE THE REQUIRED NETWORK INTERCONNECTIONS BOTH THROUGH ELECTRICAL AND OPTICAL CONNECTIONS.
- IMPLEMENT THE NECESSARY ANCILLARY ACTIVITIES FOR THE FACILITY, CABLE ROUTES, POWER SUPPLY LINES, ELECTRICAL SYSTEMS.
- DESIGN, INSTALL AND TEST SMALL AND LARGE POWER PLANTS.
- INSTALL AND TEST SMALL AND LARGE AIR-CONDITIONING SYSTEMS.



NEXTPI draws from the knowledge and experience acquired over the years to offer consulting, design and implementation of the following:

- LAN NETWORKS.
- ROUTING & SWITCHING SERVICES
- UNIFIED COMMUNICATIONS SERVICES, COLLABORATION, VIDEO CONFERENCE, WI-FI.
- VIDEO-SURVEILLANCE SYSTEMS



NETWORKING



NEXT pj has started its DELIVERY service at the national level for ADSL, VDSL, FTTH, FTTC and SHDSL technologies, both on copper and fiber optic networks for providers such as Telecom, Vodafone, and local ones. The service consists in the implementation of connections between the central network stations/Pop and the users.

In addition to the implementation of connections, NEXTPJ supplies its clients a Maintenance/Assurance service with SLA time-frames contractually agreed with the Providers.



- To provide its DELIVERY service, NEXT pj works with over 50 teams across Italy.
- The activity is managed using a proprietary Software that interfaces easily with all portals of the various Providers and serves to plan, account, monitor and assign the daily tasks to the various teams.
- This tool can constantly monitor the project's SLA.
- All teams have, in addition to the standard equipment, also a tablet for the assigned work that must be carried out detailing all the necessary information.
- NEXTPJ, to complete the user activation process, whenever necessary intervenes with dedicated teams for the creation of connections also through the implementation of special works (COS).
- Today NEXTPJ can perform up to 500 interventions a day.
- To provide high-quality services to its Clients, NEXTPJ performs internal audits on all the installed systems, with the final aim of ensuring perfect implementation.

DELIVERY



WHY

tree points, genesis of NEXT 348 logo
means "S" in Morse letters
has the first radio communication



USING A THIRD COLOR
ONE FOR EACH CIRCLE



principal logo



hence 348 square root of 12/12/01
(date of first radio link communication)



WHITE AND PETROLEUM ARE NEXT PJ COLORS
OCHER IS A POSITIVE COLOR TO MIXING



SERVICE FOR YOUR
COMMUNICATIONS

