



Halys



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TACTICAL Net Case LTE 4G / 5G BY HALYS



TNC : Tactical Net Case 4G / 5G



President's message

At the dawn of its 20th anniversary, Halys is today a company driven by innovation, research and full understanding of tomorrow's challenges.

From its requirement to offer a quality of service always optimum, a relationship of trust was born with its customers and partners, never denied, always renewed.

Recognized as an important player in French telecoms, Halys is proud to provide its seriousness, its experience and its expertise the development of the telecommunications industry, guarantor of sovereignty and independence national and European technology.

With a team of talented collaborators attached to the essential values of the company, of its industrial and commercial partners reputation and support since 2004, of Mr. Thierry DASSAULT within his capital, Halys is at your side for you to meet all the challenges of communications of tomorrow

Thierry BRACONNIER

ABOUT HALYS

‘Halys is a 100% French company meeting the needs of trust and technological sovereignty requested by its customers.’



OUR SERVICES



A licensed operator in France

- Own numbering resources fixed and mobile
- 850 mobile operators reachable
- Access to networks : international SS7 (Signaling of telecommunications networks, particularly mobile ones) ISUP (telephone signaling of ISDN networks) -
- GRX/IPX ("data" interconnection of 2G-5G networks)

- Secure and economical mobility of corporate VIP fleets
- Out-of-coverage mobility in addition to private mobile networks (PMR)
- National and international multi-IMSI service



A brand : Executive Telecom



An operator services host

- For individual operator:
Ex: OTA services associated with SIM delivery
- For group of operators: Multi-tenant services of subsidiaries in platform sharing
Ex: roaming hub with welcome/bon travel

OUR VALUES



Expertise

Halys is made up of telecom engineers from high-level who develop recognized products on the market



Listening

Halys is constantly listening to you in order to meet your needs as closely as possible



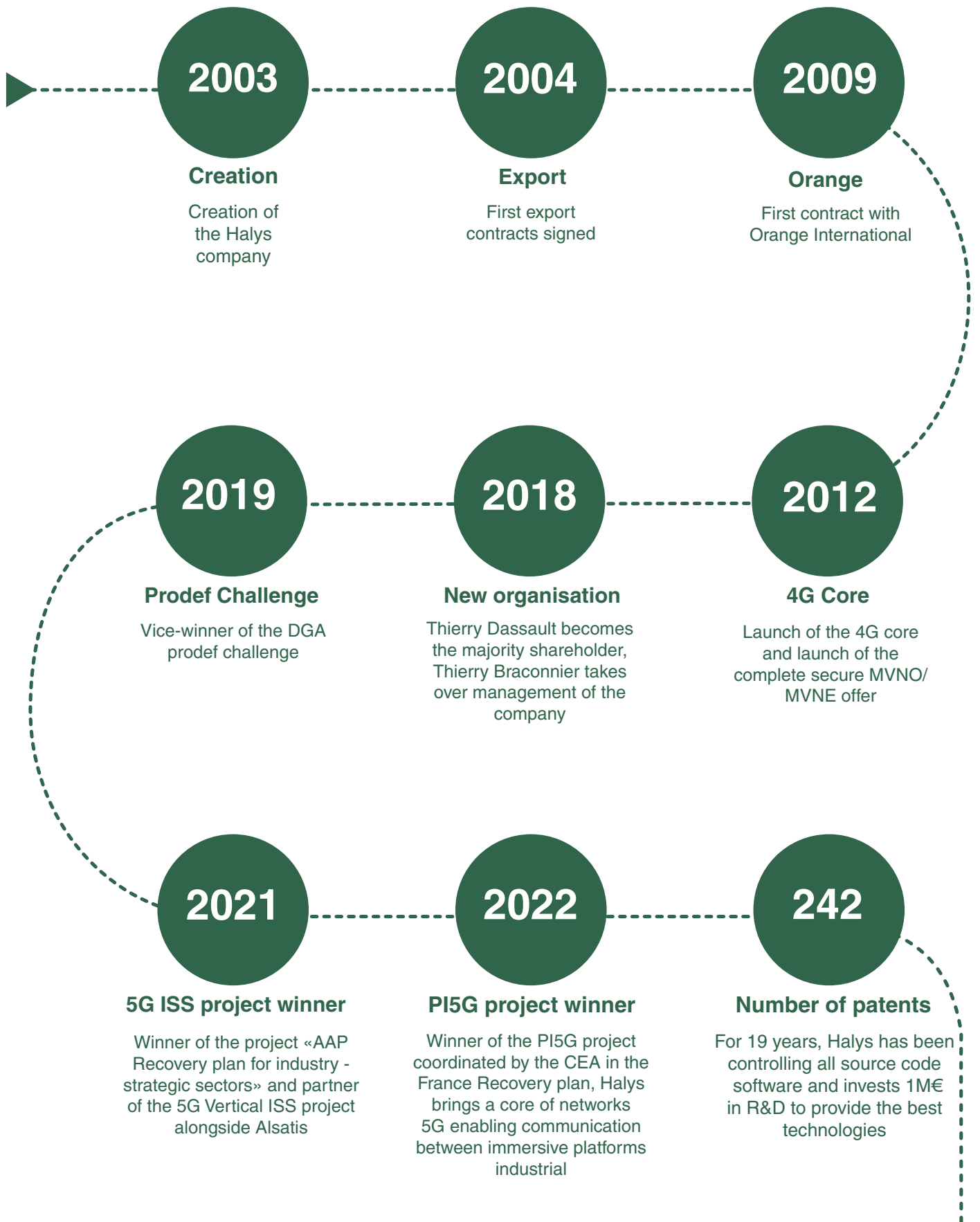
Reactivity

Halys offers you an after-sales service and quality support, available 24 hours a day, 7 days a week, 365 days a year



Innovation

Thanks to its investment in R&D, Halys is at the cutting edge of technology to offer you the best on the market.



OUR KEY MOMENTS

PRIVATE, PUBLIC AND INDUSTRIAL COMPANIES

Today, the broadband communication needs of private companies and OIVs are increasing as they exchange more and more data and connect more and more objects to the network.

Thanks to the PMR by Halys solution, companies but also large centers medical, operations and research centers benefit from their own top-notch network secure LTE/ 4G/ 5G speed to connect people, machines and objects.

This secure turnkey solution can be deployed for all communications fixed or mobile within the company, on one or more sites. She can also be depending on the choice, hosted at Halys or operated remotely.

Features :

- Private: it only connects its members
- Secure: it is completely secure for all fixed communications and mobiles
- Available: it guarantees the availability of the system
- Autonomous: the data is hosted on your premises, in a closed network
- Mono or multi sites
- Interoperated with public networks / resilience / mobility





DEFENSE SECURITY, RESCUE, MILITARY

To ensure safety and carry out operations, critical intervention professionals today need modern means of communication: voice, video, data, highly available and secure.

PMR by Halys solutions allow you to benefit, in the field, from private networks and autonomous 4G/5G, to use and access all business applications and MCS (Mission Critical Solutions).

Police, gendarmes, soldiers, rescuers, firefighters, they are all specialists intervention in critical situations. During major interventions, communicate continuously with their colleagues, their hierarchy or even a command post, is an essential need for them.

With PMR by Halys solutions, high-speed LTE/ 4G/ 5G networks can be quickly deployed on site so that the intervention units and their applications professions can work together, instantly and efficiently.

The PMR Halys network is:

- Easy and quick to deploy
- Secure: authentication and encryption to ensure confidentiality and integrity of the network
- Resilient: guaranteed network operation
- Autonomous with a very high speed connection
- Interoperable: with other networks: satellites, VHF gateways, other 4G network
- Qualitative: communications must be perfectly audible



SMART CITIES AND TERRITORIES

The Halys PMR solution for Smart Cities and Communities

Information to inhabitants, high definition video, remote surveillance... cities are becoming smart. They seek to take up the challenge of improving the quality of life, of the innovative, agile and connected city in order to develop its attractiveness and its services.

The cities of tomorrow are organized around several axes: environmental issues and energy constraints, better collaboration between citizens, communities and city operators, development of business models geared towards uses and integration of digital technology in cities.

With the PMR by Halys solution, Smart Cities and Communities benefit from their own expandable and scalable LTE/ 4G/ 5G network for full network coverage from the city.

It is the choice of digital development by reducing the costs of telecommunications.

Features :

- Private: The network only connects its members
- Easy: no need for a wired network infrastructure
- Secure: fully secure for all communications
- Extensible and scalable according to 3GPP operator standards
- Powerful: its Pico/Macro antennas (indoor/outdoor) provide coverage full city network
- Advantageous: reduces the operating costs of telecommunications

MNO / MVNO

Are you a mobile operator (MNO) or a virtual mobile operator (MVNO) and you are looking for network solutions adapted to your subscribers ?

Since its creation, Halys has been at the service of mobile telephone operators.

We accompany you from the launch of your project to its development complete including internationally whatever your number of subscribers.

We have solutions that adapt to the evolution of your growth.

Halys products are completely virtualized and adapt to all types of architectures computers.

At your service, we can host and operate all or part of our solutions.



4G CORE NETWORK

The Halys core network: telecommunications today and tomorrow

An essential part of any telecom infrastructure, the 4G and/or 5G core network is the element that carries all the trust and security of exchanges between users or machines communicating with each other.

Whether for voice, video, text messages or simply data in general, it is the core network that authenticates, interconnects, carries the services for all users, men or machines and which interconnects them.

By developing and marketing its core networks for more than 10 years, Halys offers a guarantee of strong security and high expertise to its customers.

- Security: because the source code of its developments is a Halys code, respectful international and 3GPP standards and also responding to sovereignty issues technological.

- Expertise: because the Halys core network is used by many customers for several years, for various applications such as MNO, MVNO, THD, bubbles and tactical cases, etc...

The new Halys 5G core network meets the needs of future challenges that are expertise, security, independence and technological sovereignty as well as the sustainability and development of the solutions deployed.



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