



ABOUT THE COMPANY

Corporate Information



HITEC

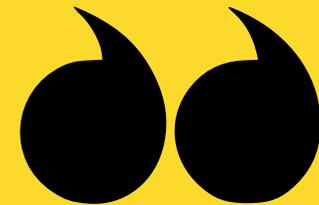


LUXEMBOURG





We offer high technology solutions for space, rubber testing industry, traffic management, government and defence as well as crisis response.



ABOUT THE COMPANY

The basics you need to know

HITEC Luxembourg S.A., a 100%-owned Luxembourg company, has developed its business activities in the field of innovative and quality products and services. The company is ISO 9001 certified for engineering, analysis, consulting, manufacturing, maintenance and sales of systems in mechanics, electronics, physical measuring techniques as well as information and communication technologies. The Luxembourg ESR label for corporate social responsibility (CSR) certifies the commitment by HITEC Luxembourg to monitor and promote an approach to CSR with respect to economic, social and environmental dimensions of its stakeholders. The company has been awarded with the SuperDrecksKëscht fir Betriber label for its contribution to an environmental friendly waste management. The label is certified in accordance with the ISO 14024:2000 standard.

HITEC Luxembourg offers high technology solutions covering different business areas: satellite ground segment technology; customer specific and standard equipment for testing and measuring of physical properties; engineering; consulting; software & ICT development and project management.

HITEC Luxembourg serves private and public sector customers at a national and international level. Its business objectives, as a specialized high technology provider are to achieve a strong sustainable market position; to expand its activities at an international level as well as to promote the Luxembourg site through the realization of innovative high quality value-added products and services.

VISION & VALUES

Our core beliefs and what motivates us to deliver best-in-class solutions

HITEC Luxembourg has a unique and successful approach to innovative solutions and products which allows the company to cover a great portfolio for multiple industries. We offer products and services for several markets: space, rubber testing industry, traffic management, government and defence, crisis response and manufacturing.

Our team is composed of more than 45 employees - a truly international, highly specialized work force.

The company's integrated approach, relying on the combination of our six core competencies, ICT & software development, project management, electronics, high frequency, mechanical engineering and physics, enables us to think outside the box and identify new fields of application and improvement opportunities.

1986 was the beginning of a Luxembourg success story, when three young men founded HITEC Luxembourg. As of the first day, it was our clear aim to adapt to the needs of our customers. Systematically linking innovation, technology, engineering and entrepreneurship was a prime qualification to achieve this objective. Like this we have been able, and continue to provide professional services and innovative products so as to meet the high demands of our customers; being national or international, and from the private or public sector. This company philosophy is the basis for successful and sustainable growth of HITEC Luxembourg.

Our vision is to provide the best technological solution to our customers, driven by our motto market-oriented, client-centric, technology driven.



A JOURNEY THROUGH TIME

1986 KICK-OFF FOR A LUXEMBOURG SUCCESS STORY

Pierre HIRTT, Nicolas COMES & Marco TRAUFFLER incept HITEC Luxembourg on February 1st, 1986.



The company is first based in Junglinster; literally, the company started in a garage.



1991 SOCIÉTÉ ANONYME

The next big step to building up a successful SME: the company incorporated as “Société Anonyme”

1992 FIRST MEMBERSHIP IN BUSINESS FEDERATION

HITEC Luxembourg becomes a member of Fedil (Business Federation Luxembourg) on the 14th September 1992 and joins the Luxembourg community of industrial companies.

1993 ENTERING WORLDWIDE CARBON BLACK TESTING MARKET

Until then, the company was specialised in developing and manufacturing customer-specific industrial equipment.

But in 1993, the company developed its first worldwide used and sold industrial product for the rubber testing industry: the Individual Pellet Hardness Tester (IPHT). Founder Pierre HIRTT, joins the International organisation for standardisation ASTM.

1995 PRIX DE L'INNOVATION

The product Individual Pellet Hardness Tester, sold until today some hundreds of times, wins the industrial innovation second prize by FEDIL.



1996 EXTENSION OF BUSINESS ACTIVITIES

The Grand Duchy of Luxembourg is building up a country-wide traffic management system. HITEC Luxembourg is selected to participate in the development of the CITA system, which monitors today around 150 km of national highways. The Oil Absorption Basic System (DABS) is launched to extend the company's product offering for the rubber testing industry.

1997 INTERNATIONAL TRADING PARTNERS

The company enters a first agreement for sales and customer support of rubber testing equipment with Mahindra Intertrade, India



1999 STARTING SATELLITE GROUND SEGMENT ACTIVITIES

The company enters with the satellite ground segment its third field of business activities: at this time, the company delivers the electro-mechanical structures and systems of a transportable uplink station (TRUST) and is awarded a contract for six 9m limited motion TT&C, uplink antennas.



2000 HITEC LUXEMBOURG SETS STANDARDS

HITEC Luxembourg's DADS data for measurements on carbon black is introduced as "Procedure B" in the ASTM D2414 standard.

2001 SATELLITE GROUND INSTALLATIONS IN BETZDORF, LU

The first of six uplink antenna is put into operations at SES ground facilities in Betzdorf (Luxembourg). The antennas are still operational today.

2003 INTERNATIONAL RECOGNITION FOR CARBON BLACK ACTIVITIES

The ASTM International Distinguished Service Award is awarded to Pierre HIRTT by ASTM Committee D24 on carbon black.

The last of the six uplink antenna is deployed at Betzdorf (Luxembourg). A first internal project in the satellite ground business is awarded to the company: the Deutsche Telekom AG awards the project for the refurbishment of a large antenna system in Usingen, Germany.

HITEC Luxembourg becomes a member of ILEA (Industrie Luxembourgeoise des Equipementiers de l'Automobile) on 10th February 2003.

2004 QUALITY STANDARDS & NEW BOARD OF DIRECTORS

The company is ISO 9001:2000 certified - the certification ensures quality enhanced services and products. After joining HITEC Luxembourg in 2003, Yves ELSÉN is appointed managing partner & CEO.

2005 EUROPEAN PROJECTS & LUXEMBOURG INITIATIVES

The European FP6 research project U-2010 (ubiquitous IP centric Government & Enterprise Next Generation Networks Vision 2010) is kicked-off, bringing together 15 partners from 9 European countries.

The Compressed Volume Structure Test (CVST) project is started to develop a new generation rubber testing instrument.



HITEC Luxembourg is a founder member of the "Groupement luxembourgeois de l'aéronautique et de l'espace" (GLAE). The company builds a custom stage lift system for the Philharmonic Hall in Luxembourg.

2006 ANTENNA PROJECTS & SECURITY INFRASTRUCTURE

HITEC Luxembourg is selected to build two full-motion GALILEO TT&C antenna systems for the IOV phase of the European global navigation satellite system together with SES TechCom. A limited motion antenna project is awarded for Vietnam's first satellite system.



In terms of security infrastructure, the company is member of the U-Trust consortium which has the mandate to build up, host and operate the PKI infrastructure of LuxTrust in the Grand-Duchy.

2007 TRAFFIC SAFETY & QUALITY MANAGEMENT

The company passes its ISO 9001:2000 re-certification for engineering, analyses, consulting, manufacturing and sales of systems in mechanics, electronics, physical measuring techniques, microprocessors and data processing.

The “Administration des Ponts & Chaussées” of Luxembourg selects HITEC Luxembourg for the project PIOT (Plan d’Interventions d’Urgence et d’Organisation des Travaux).

2008 ROYAL VISIT & COMPLETION OF KEY PROJECTS

H.R.H. Grand Duke Henri visits the test site for the new GALILEO antenna systems at the Company’s test bench in Niederanven. The two VINASAT-1 antenna systems are set up in in Hanoi and Ho Chi Minh City (Vietnam).



An agreement for international trade of rubber testing equipment is signed with SKH Technologies, China.

In preparation of the Nordstroos, the monitoring & control (M&C) solutions for the Route du Nord and Gousselberg are put in operation.

HITEC Luxembourg files a patent for the innovative design of an antenna reflector panel.

2009 EXPLORING NEW MARKETS

The Deutsches Zentrum für Luft- und Raumfahrt (DLR) awards a contract to deliver a complete IOT system including a 13m Ka-band full motion antenna.

The u-2010 final demonstration takes place - turning the Gousselberg tunnel into an emergency scene.

A new product line for Nomadic Satellite Communication Systems (NoSaCo®) launched.



2010 PUBLIC SAFETY & MAINTENANCE

The AlpSAR project for Alpine Search & Rescue is kicked-off, bringing together rescue organisations from Italy and Slovenia.



The 3.6m antenna IOT system is delivered to support the Galileo IOV phase. The site acceptance tests for the two 13m FM antenna systems used in Galileo are successfully completed.

The Grand Duchy invests in an assisted system for electronic ID cards and passports machines for which the company is awarded a contract for installation and maintenance.

HITEC Luxembourg wins a contract to decommission and special relocation via road of a six-meter antenna between two sites in Luxembourg. In the following months, the antenna is refurbished and re-installed in a new location.



Quality assurance and management is a must - the company passes its ISO 9001:2008 re-certification.

2011 UP TO THE NEXT 25 YEARS

The company certified with the SuperDrecksKëscht® Label for its conscious waste management. HITEC Luxembourg passes the certification with the Luxembourg ESR label for its Corporate Social Responsibility (CSR).

The emergency.lu contract is awarded to build up a multi-layer platform offering an innovative end-to-end service for the international humanitarian community.



The company extends its product offering in the field of satellite ground company with the market launch of its innovative antenna control units: HACU® 1000, HACU® 2000 and HACU® 3000.

HITEC Luxembourg celebrates its 25th company anniversary - 25 fruit trees are donated to eight nursery schools across Luxembourg.



2012 SHAPING INNOVATIVE PRODUCTS & SOLUTIONS

HITEC Luxembourg S.A. receives the special prize for SME of the Prix de l'innovation de la Fedil - Business Federation Luxembourg - Promotion 2012 for its solution Public Safety Suite.

The team is selected for the provisioning of four antenna systems as part of the satellite ground stations to monitor and control the EDRS satellite network.

Yves ELSÉN, Managing Partner & CEO, is honoured by the Deutsche Bank Luxembourg Foundation for the combination of his technological, economical and entrepreneurial competencies which has fostered the German-Luxembourg cooperation in research and development.

The company delivers the In Orbit Testing (IOT) ground station to DLR, the German Aerospace Center.



The project "Heterogeneous network for European public safety" (HNPS) led by HITEC Luxembourg receives Celtic 2012 Excellence award in bronze.

Only one year after contract award, emergency.lu is launched and for the first time deployed (in the frame of an international humanitarian mission in the Republic of South Sudan).



2013 HIGH-TECHNOLOGY MADE IN LUXEMBOURG

HITEC Luxembourg products and service are labelled "Made in Luxembourg" and "Luxembourg".



The company's product lines for the satellite ground segment are presented at the 50th International Paris Air Show.

HITEC Luxembourg is nominated as a national champion in the European Business Awards competition.

Minister Martine HANSEN visits the EDRS antenna integration site in Bissen, Luxembourg, where four limited motion antennas are being assembled and tested.



An international crisis deployment, coordinated by the World Food Programme (WFP), emergency.lu provides vital communication capabilities to the Philippines to support NGOs in dealing down the aftermaths of Typhoon Haiyan.

2014 INTERNATIONAL RECOGNITION

The emergency.lu contract is extended to offer the humanitarian world the innovative response solution for a duration of another six years.

Pierre HIRTT receives the ASTM International Award of Merit from Committee D24 on Carbon Black.

HITEC Luxembourg has been named as the National Public Champion for Luxembourg in the 2013/2014 European Business Awards.



Harold LINKE, Manager research & technology projects of HITEC Luxembourg, takes over presidency of the Public Safety Communication Europe (psce).

HITEC Luxembourg is re-certified for its corporate social responsibility.

2015 ORGANIZATIONAL CHANGES & SHAREHOLDER OF INNOVATIVE GEO-INFORMATION VENTURE

HITEC Luxembourg appoints Philippe OSCH as Chief Technology Officer.



The company is a founding partner of EarthLab Luxembourg, an international industrial and environmental risk monitoring center. The company is contributing with its know-how in the field of secure communication networks as well as with its competences in the areas of data management and ICT services.

The communication terminal product family is extended with NoSaCo® Rack, a multi-purpose, flexible communication system for long-term installations.

2016 THREE DECADES OF INNOVATION

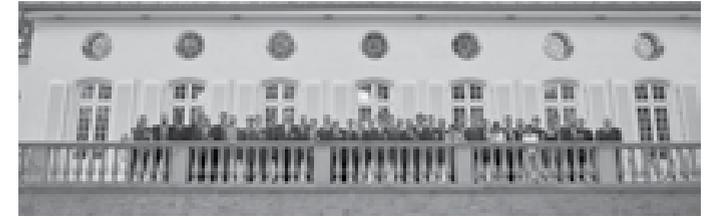
HITEC Luxembourg is selected to provide two 9m X-band antenna systems for the LuxGovSat program.

The catalogue for Rubber Testing Instruments products and service offering is launched: shop.hitec.lu



The maintenance contract for the Luxembourg highway network infrastructure is extended and awarded once again to the GMC consortium in which the company participates since many years.

The company celebrates its 30th year of business operation.



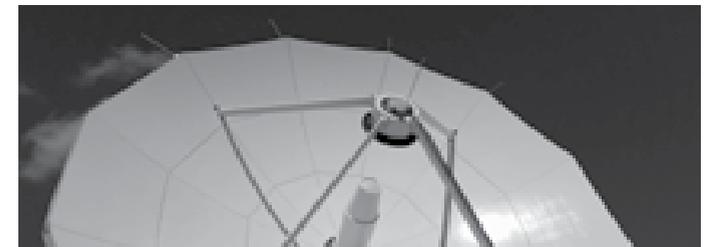
The Luxembourg initiated project DG-TRAC (tracking and tracing of dangerous goods in the medical sector) is presented on the occasion of the ESA council in Paris, France.

2017 QUALITY IN THE CENTER OF THE ATTENTION

HITEC Luxembourg is re-certified for its corporate social responsibility (CSR) by INDR and for its quality management according to ISO 9001:2015.

The company is awarded with the certificate "Les Encouragements du Jury" for its quality management efforts by MLQE.

HITEC Luxembourg provides one Ka-band antenna for the WGS program.

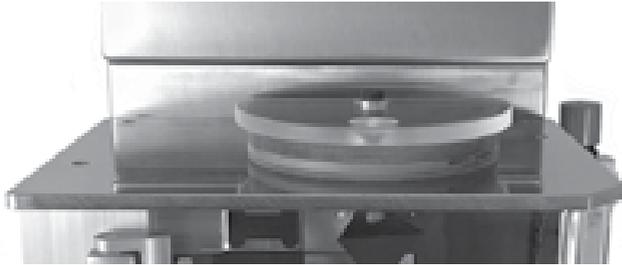


The strategic European FP7 project EPISECC, initiated by HITEC Luxembourg, on interoperability of European crisis and disaster response is successfully closed.

2018 EVOLUTION OF BESTSELLERS

The company has been re-certified for its environmental conscious waste management by the Luxembourg label SuperDrecksKëscht.

A new version of the Individual Pellet Hardness Tester is introduced to the market.



The company participates with its solution on dangerous waste management in the international fair Pollutec in Lyon, France.

2019 COMPANY MOVE AND NEW CORPORATE LOGO

The company moves from Luxembourg City to Mamer, Luxembourg. This historical milestone will allow the company to grow further.



The company has refreshed the logo to reflect who the company is today, to symbolise the future and to pay tribute to the three founders. The new logo reflects a more modern look and captures the mission to deliver excellent quality, high-technology as well as innovative products and services.



QUALITY & CSR

Sustainability & corporate citizenship

At HITEC Luxembourg, we do not just pay lip service to the quality and sustainability of services and products. We actively manage quality. Our company is ISO 9001 certified for engineering, analysis, consulting, manufacturing, maintenance and sales of systems in mechanics, electronics, physical measuring techniques as well as information and communication technologies. The certification allows HITEC Luxembourg to offer its national and international, private and public client base enhanced services and quality-assured products responding to today's ever-growing quality requirements in the field of technology.

Our company is certified for its corporate social responsibility ESR (Entreprise Socialement Responsable). The ESR certification label proofs our commitment to monitor and promote an approach to corporate social responsibility (CSR) in regards to economic, social and environmental dimensions of its stakeholders.



Luxembourg association
for Quality and Excellence
SUSTAINABLE • PERFORMANCE

QUALITY
MEMBER



ENTREPRISE
SOCIALEMENT
RESPONSABLE

THE TEAM

Entrepreneurial mindset & excellence in technology



The Management Team of HITEC Luxembourg is composed of:

- Yves Elsen, Managing Partner and CEO
- Philippe Osch, Director and CTO
- Sedat Kara, Manager Software Engineering & ICT
- Yves Leiner, Manager Mechanical Engineering
- Harold Linke, Manager Research & Technology Projects
- Tom Mathes, Manager Electro-Mechanical Engineering
- Andrea Mirandola, Manager Rubber Testing Equipment

APPROACH

How we work

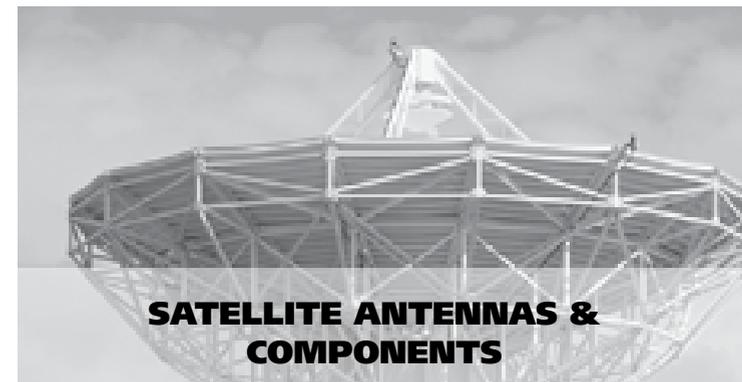
We provide our clients with comprehensive solutions: from analysis to consulting, from development and implementation of customer-specific solutions up to installation and maintenance. In all these phases a close cooperation with clients and partners is essential to spot exactly their needs and requirements. We offer high technology solutions for aerospace, rubber testing industry, traffic management, government and security as well as humanitarian aid. We can count for every field on a number of specialists who are strongly interacting and combining their different competences.

Our integrated approach, relying on the combination of our six core competencies, ICT & software development, project management, electronics, high frequency, mechanical engineering and physics, enables us to think outside the box and identify new fields of application and improvement opportunities for our worldwide client base.



BUSINESS FIELDS

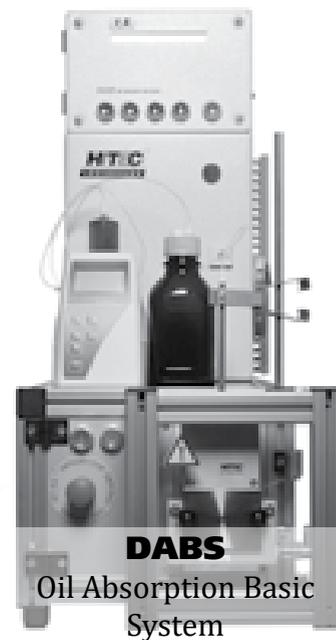
Four fields of activities



TESTING INSTRUMENTS

Equipment for testing physical properties

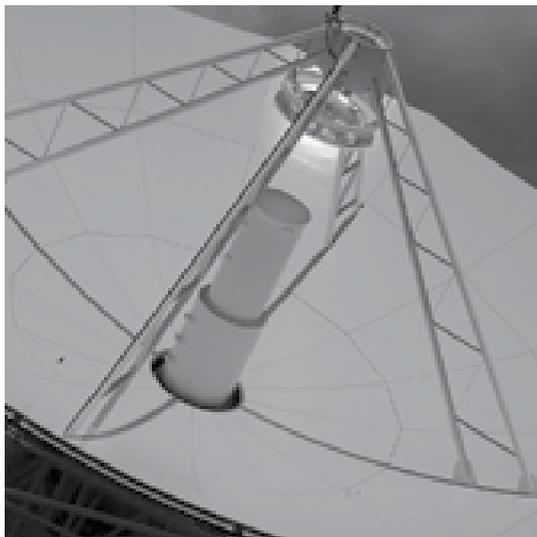
Our products in the field of rubber industry testing are used worldwide with all major producers of carbon black and rubber goods. We develop and produce standard and customized testing equipment used in product development and in quality control. The industry acknowledged IPHT™, Individual Pellet Hardness Tester, is designed for reliable measurement of carbon black pellet hardness. DABS™, the Oil Absorption Basic System, is an oil absorptometer to determine the structure of carbon black and silica, as well as other rubber chemicals. CVST®, Compressed Volume Structure Tester, is the next generation instrument for quantifying structure and other material characteristics of carbon black, and potentially of any other granulate or powder. Our newest product PMST™, Pelleted Powder Mass Strength Tester, is designed to determine the mass strength of pelleted carbon black as per ASTM D1937.



SATELLITE ANTENNAS & COMPONENTS

High-end, reliable and future proof solutions

HITEC Luxembourg is offering several full and limited motion antenna systems in different diameters (3m to 15m) and for multiple frequency bands (L to Ka-Band). To complement our offering of Limited Motion (LM) and Full Motion (FM) high end antenna systems, we do provide our customers with high end antenna components such as a Antenna Servo Kit, an Antenna Front Panel (HAFP™), de-icing systems or Antenna Control Units (HACU®). Our Antenna Control Units series HACU® provides our customers with the ideal solution for refurbishment or upgrading of existing ground stations and is included in all our antenna products.



Limited Motion Antennas
X-Band to K-Band
6m up to 13m in diameter



Full Motion Antennas
L-Band to Ka-Band
3m up to 13m in diameter

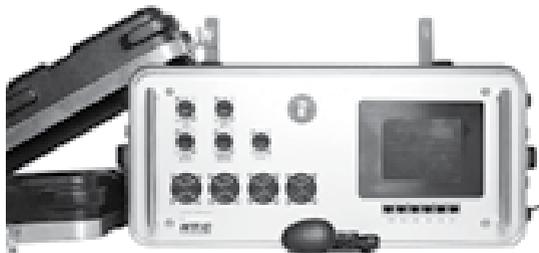


Components

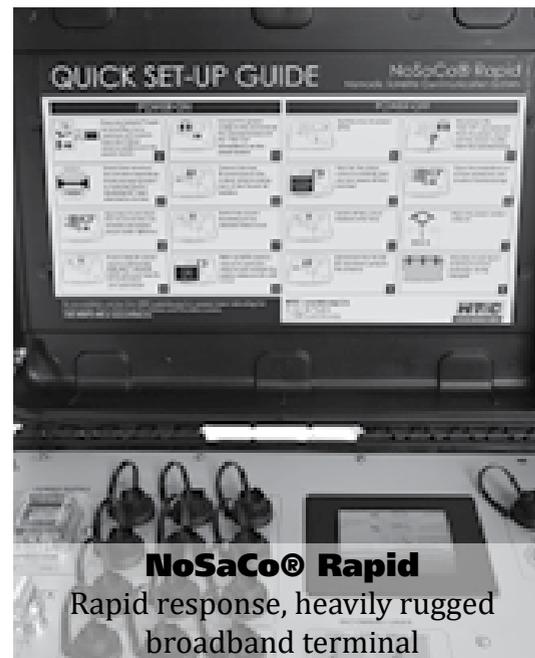
MISSION CRITICAL SOLUTIONS

Connectivity - whenever, wherever needed

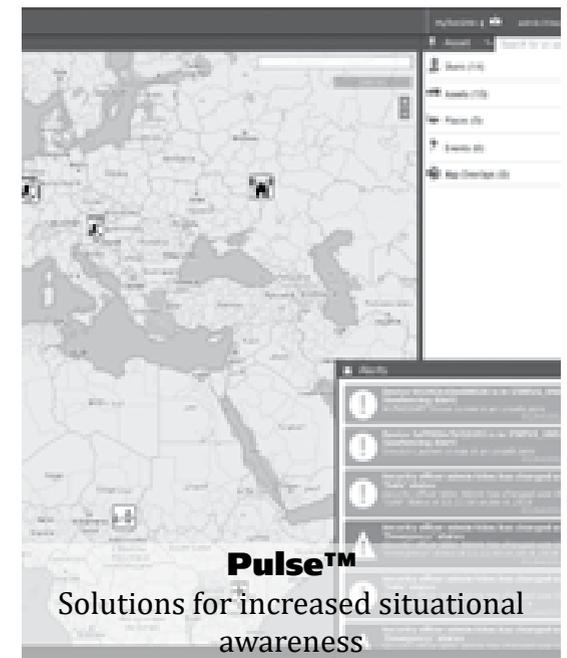
Our NoSaCo® series offers modular and flexible communication services out-of-the-box. Primary used with satellite communication, the terminals can also connect via 3G/4G cellular networks or Ethernet. All our terminals are protected against environmental factors, like wind loads, temperature, dust, humidity and allow likewise reliable communication. All our terminals are equipped with a community-based, field-proven mission critical information system Pulse™ Core. Complemented with the mobile application Pulse™ Reporter, Pulse™ EcoSystem allows reliable and secure sharing of commands, positions, visual and sensor data during a mission.



NoSaCo® Rack
Multi-purpose, rack-ready communication system



NoSaCo® Rapid
Rapid response, heavily rugged broadband terminal



Pulse™
Solutions for increased situational awareness

TRAFFIC MANAGEMENT

Enablers for safety on our roads

HITEC Luxembourg is providing services in traffic management since almost three decades. Our experience makes us qualified to provide services such as consultancy, advice and system engineering and design. Dedicated designs of traffic management and tunnel monitoring solutions include the design of complete integrated systems (traffic management technology, communication and sensornetworks, power supplies, etc.). HITEC Luxembourg's involvement in traffic management projects covers all phases in close cooperation with our client in partners.

HITEC Luxembourg as an independent technology provider is creating contract specifications and supervising call for tenders for its clients. As an innovative company active in various fields of technology, HITEC Luxembourg has been and is until now involved in a number of traffic management projects.



Consulting & Engineering



Tenders



Maintenance

HITEC

LUXEMBOURG

CONTACT

HITEC Luxembourg S.A.

49, rue du Baerendall

L-8212 Mamer

Tel +352 498478 - 1

Fax +352 401303

Email info@hitec.lu

www.hitec.lu

