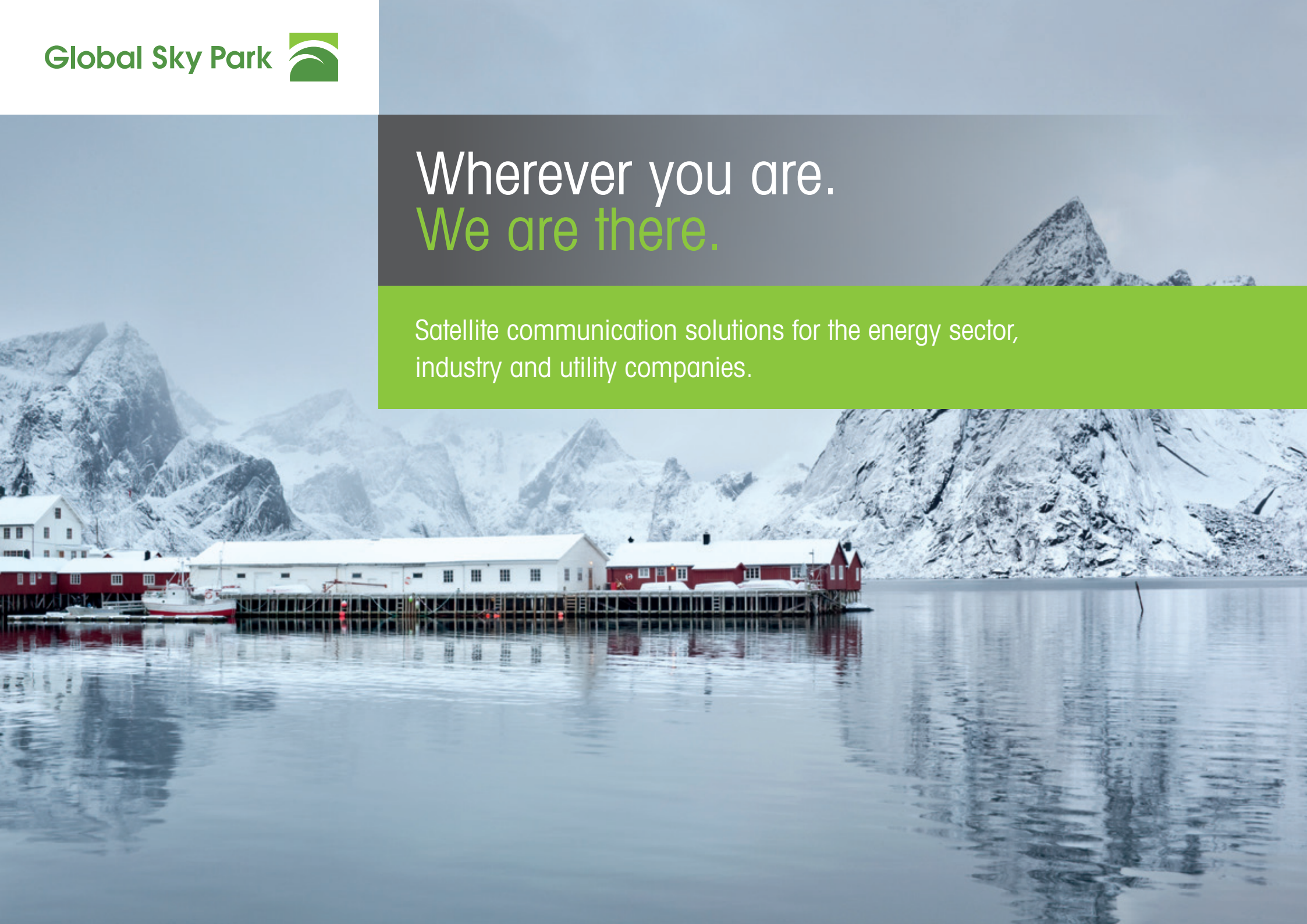


Wherever you are.
We are there.

Satellite communication solutions for the energy sector,
industry and utility companies.





Providing Global Access. Connecting your Business.

How do you monitor your installations?
How do you control your pipelines?
On what basis do you regulate your processes?

We connect enterprises and installations at every location in the world with our satellite communication systems. Thus we enable the measurement, control and regulation of processes or the acquisition of operational data in the same manner as we provide broadband transmission of language, images and data. This is how we make our international clients independent of regional infrastructures and the availability of terrestrial connections.



Whether gas production in the desert, oil platforms at sea, water supply, the control of wind or solar energy farms, cement works or conventional power stations – our satellite communication installations ensure reliable connections to the control centre. All acquired data is available for further processing in all desired formats. In this way, you increase the security and productivity of your plant.

On the basis of tried and tested solutions, we provide regions with weak infrastructure with telecommunication, enable the transfer of remote data from technical installations and offer secure communication paths, even in the most remote corners of the globe. Onshore and offshore, we support energy generators with the telecommunications for the development of both conventional and renewable energy forms, and accompany utility companies in all regions in the secure distribution of gas, water and electricity.



Competence meets strength: The Global Sky Park GmbH (GSP), located in Frankfurt am Main, in Germany, operates as a holding for the GSP national companies and the European subsidiary EuroSkyPark GmbH (ESP). A shareholder of GSP is, among others, the Luxembourg-based post and telecommunication company (P&T Luxembourg). The result: we are a powerful corporate alliance whose know-how, innovative force and capacities represent a novelty in the growing market segment of satellite communication solutions.

GSP
Technology partner “Made in Germany”.





How much experience do you expect from a reliable partner?
How much strength do you need for large projects?
Who do you trust?

We are still young for a globally operating consortium. However, we already have a great deal of experience in our market sector. Our company was founded in 2003, first of all as a small flexible technology company "Made in Germany". Under the umbrella of Global Sky Park GmbH, the Euro-SkyPark GmbH (ESP) was established with its satellite communication solutions and the accompanying services serving numerous renowned clients in Germany and Europe. With our high-performance solutions we quickly became established in the market. Today, we are partners of the large plant manufacturers and energy companies. In 2012 alone, we have connected 3,000 wind turbines both on and offshore; we are making a successful contribution to all German offshore projects.

Good results speak for themselves: Today, we supply clients from all over the world. We have aligned our member companies to match the increasing globalisation. GSP with its national companies handles our business outside Europe whereas ESP continues to implement our projects in Europe and our German home market.



GSP

Different branches, one solution.

Branches and enterprises who can profit from our solutions as a primary system or a reliable redundant system:

- **Gas and oil production (onshore and offshore)**
- **Substations for the distribution of water, electricity and gas**
- **Wind farms (onshore and offshore)**
- **Solar farms**
- **Power stations**
- **Installations with safety-relevant functions such as chemical plants**
- **Security and emergency services (security sector)**

Renowned plant manufacturers also offer their clients turnkey projects which are already equipped with our satellite communication solutions.



For whom is satellite communication appropriate?
Are the solutions suitable for security-relevant applications?
Can they also be used offshore?

Gas, oil, electricity and water

Supplying people and enterprises with energy and water at every place on earth is one of the great challenges of our time. In order to exploit resources safely and in an environmentally compatible manner, to produce energy “on-demand” and to operate power stations safely, it is imperative that these installations are monitored, measured and controlled – also in remote locations. Our satellite communication solutions are used in all sectors as both primary and secondary connections. From ex-protected installations for gas and oil production to linking up complete offshore transformer stations, we support our client in fulfilling their tasks safely.

In Germany, our subsidiary ESP belongs to the pioneers of the turnaround in energy policy. We have the decisive lead in this segment. Furthermore, we strengthen process security with high-performance back up and disaster recovery systems.

Industry and security

Right across the globe, industrial enterprises need a secure communications infrastructure for their operations. The acquisition and transmission of operational data is here just as important as broadband connections for the transfer of language and

images. In the security sector in particular, a core competence is the undisturbed and highly available transmission of image data.

At each location, our systems are robust against sabotage and provide stable connections, even under difficult, geographic, climatic or political conditions. We also provide them as tracking systems for mobile use in shipping and logistics. Furthermore, we support security and emergency services in disaster relief, after accidents or with anti-sabotage missions.



GSP


Competence of the market leader.

Our experience provides us with the decisive technical lead: For our clients, we integrate practically every technical system, plan individually and migrate existing environments. From the planning of communication engineering concepts and complete communication platforms through to dedicated disaster recovery solutions, we guarantee available communication and secure connections.

A specially developed multiprotocol router, parabolic antenna and radomes – this is the simple and robust technical equipment which our clients require for

linking up with the satellite. We install the equipment exactly tailored to your operating environment and make the connection with the satellite.

With our SAT Connect, we have developed a multiprotocol router which – already in the 4th generation – is available in various models. Depending on your location, we supply the antennae as parabolic antennae, small or large radomes. The satellite connections themselves are ready and available as leased lines. With this we provide our clients with the best economic planning certainty at the highest availability.

An offshore oil rig is shown in the foreground, partially obscured by a dark grey overlay. The rig has a tall derrick and several levels with red stairs. It is situated in the ocean under a cloudy sky.

Which technical solution do you need?
What environment does it have to fit?
How individually can systems be designed?

We have no gaps in our worldwide satellite coverage. Here, we work together with renowned partner enterprises and have ourselves redundant satellite capacities. We use the teleporting equipment of our satellite partners. This equipment fulfils high security requirements and the latest technical standards.



Measuring, controlling, regulating via satellite –
the advantages:

- **SCADA connections 1 / 2 / 4 Mbit**
synchronous for the remote control
of every installation location
- **Broadband access (leased lines)**
- **Replacement of dial-up/ISDN connections**
- **VIDEO, VOICE, DATA Security**
- **Compatible with: 101, 104 OPC etc.**
- **Blackout-proof**



GSP
Blackout-proof access services.



GSP offers its clients different access services. The availability is 99.5 percent in each individual case. In this way, interference-prone infrastructures are avoided and failures of important transmission channels are prevented. Correspondingly, our satellite connections are also suitable for security-relevant applications and as redundant lines. We supply all connections IP-based so that you can extend and design your communication infrastructure sustainably.

Our SCADA access services enable the acquisition and transfer of important operational data. Whether in energy generation or resource production, or at all machine interfaces of technical modules, SCADA data are the basis for control.

Whether language, image or data – large volumes of data require broadband connections. This is one of the great advantages of our satellite communications: IP broadband access services are the standard.

IP Smart Grid/Metering Access Services are services suitable for data acquisition in transmission networks or from households (end users). Economic production and network stability are very dependent on the precise transmission of this data.



GSP All-round service.

How much individual adaptation is possible?
How does the new system fit into the old environment?
Is there service on-site?

No two projects are the same. Therefore, we begin each new contact with a thorough on-site consulting and our own reflections on the conception and implementation of a satellite communication system. This process is valuable because, in the end, we obtain an optimally adjusted solution which can perhaps achieve more than you can imagine today.

We implement the solution, carry out all tests, hand over the system ready for operation and train your personnel. Our systems run extremely stably. In case there should be questions though, our technicians and engineers are available by phone via Remote Services or via our hotline or on-site.

The contact partners for our operative business are the national companies of GSP throughout the world.

In case you are looking for satellite communication solutions in the European region, please contact the ESP which carries out all projects in Europe.





GSP
Ask us.



North America / South America

**Please contact our head office
in Germany.**

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