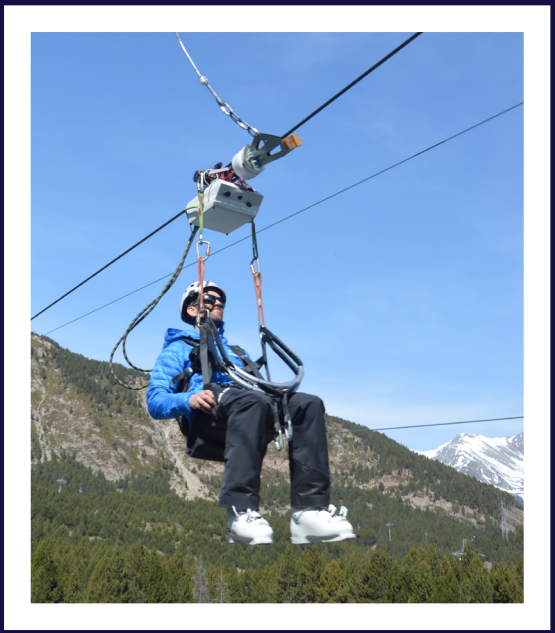
ZIPTRONIK® BY ASCENTECK

CONSULTING - DEPLOYMENT - ENGINEERING - PRODUCTION

MASTERING **AUTONOMOUS** AERIAL MOBILITY

Our solutions are autonomous, programmable and automated trolleys.



THE CONCEPT

Thanks to their **mechatronic technology** (combining mechanics and electronics) our **trolleys recover energy** during descent and braking phases, and reuse it during ascent.

This system optimizes autonomy and allows a **high number of cycles without recharging**.

OUR EXPERTISE

As an engineering company specialized in **cable/rope-based mobility systems**, we design and adapt complete solutions, from the carrier itself to its **operating environment**.

With over **20 years of field experience** in mountain environments, we fully understand operational constraints, climate conditions and real-world usage requirements.

Our expertise relies on the integration of mechanical engineering and software control, allowing Ziptronik to be deployed **across various applications**: leisure, events, load transport and specific use cases.

Each project is tailored to its environment: line profile, operating conditions and expected usage.
We adapt the system, its parameters and equipment to ensure performance, safety and ease of operation.

Our solutions are based on autonomous, **programmable and automated trolleys**, designed to adapt to field constraints.

Depending on the need, they can integrate **energy recovery systems**, interchangeable batteries, enhanced power or extended autonomy.

AUTONOMY

CONTROL

RELIABILITY

DURABILITY

ZIPTROKIDS

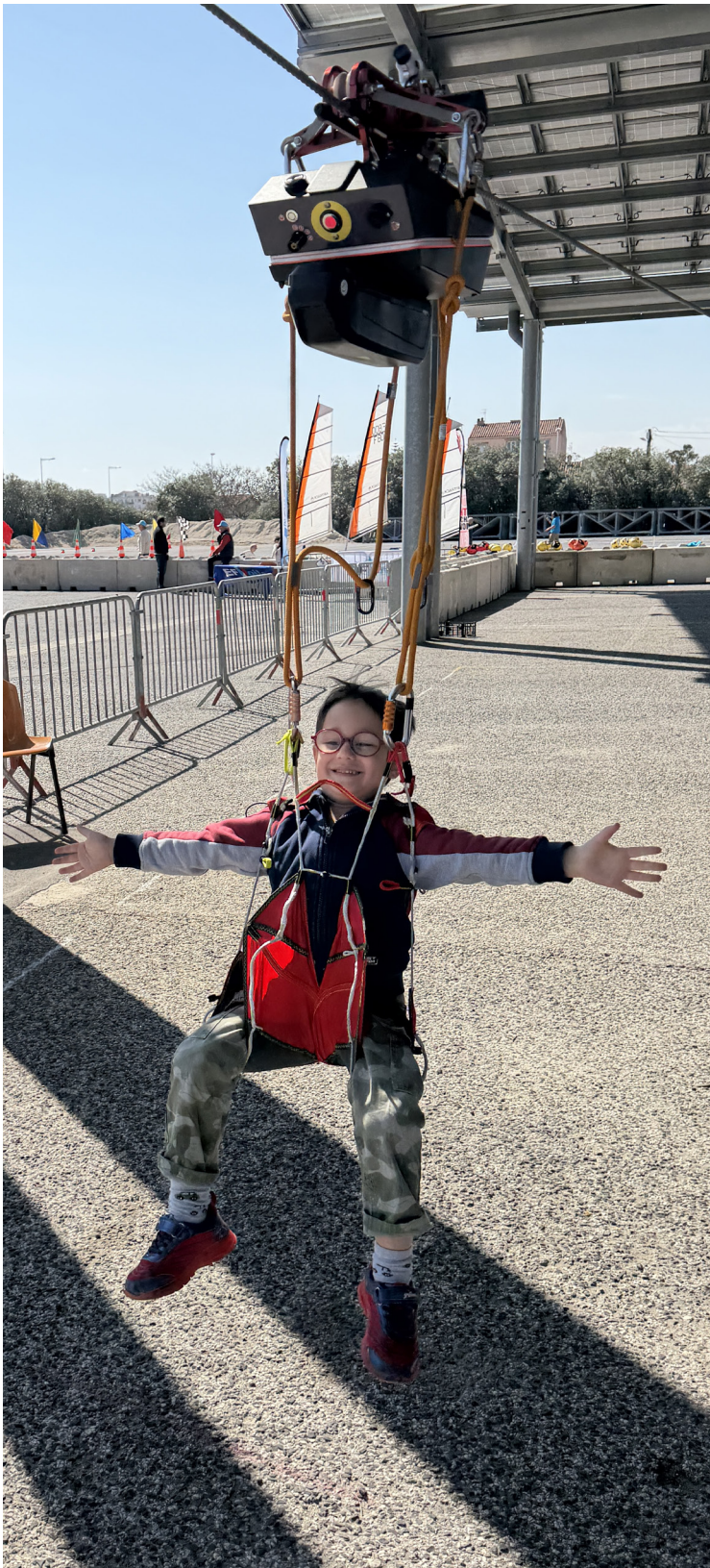
A zip line solution designed **for children** and high-throughput operations.

Designed to simplify operations, Ziptrokids **reduces staffing** requirements while ensuring a smooth and safe user experience.

This lightweight carrier **is specifically developed for light loads**, particularly children.

It does not require complex braking systems, significantly **reducing technical constraints and operating costs.**

- **Single operator at the departure point**
- **Reduced physical strain for operators**
- **Quick and easy installation**
- **Optimized user flow**
- **Ideal for leisure parks and outdoor bases**



LARGE ZIP LINES

Year-round operation for **large zip lines:** reduce **return costs.**

AUTOMATISATION

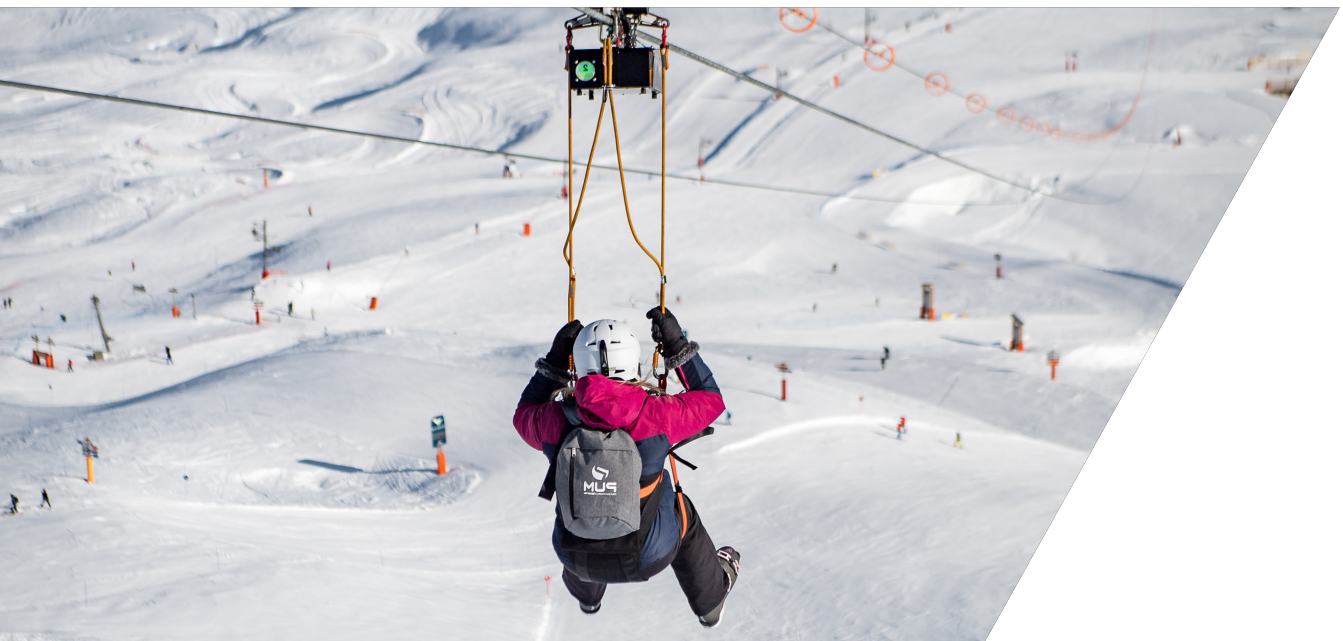
On large installations, Ziptronik automates the return phase and reduces operational risks.

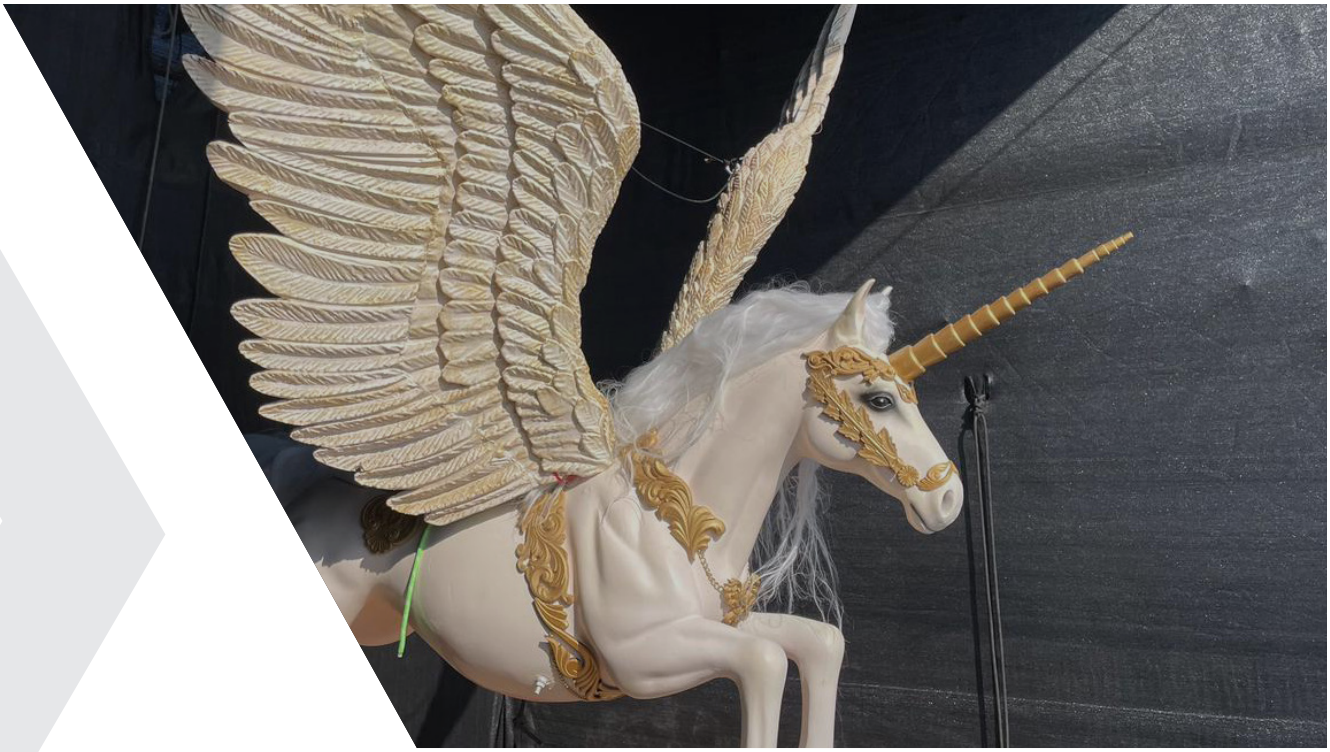
KEY BENEFITS

- **Reduced physical workload**
- **Fully automated return system**
- **Suitable for large distances**
- **Real-time operational data**
- **Improved profitability**

OPERATIONS

On large zip lines, return operations can generate significant costs in manpower and logistics.
With Ziptronik, you gain precise control over both descent and return flows, improving monitoring and overall efficiency.
Controlled operating costs.





EVENT

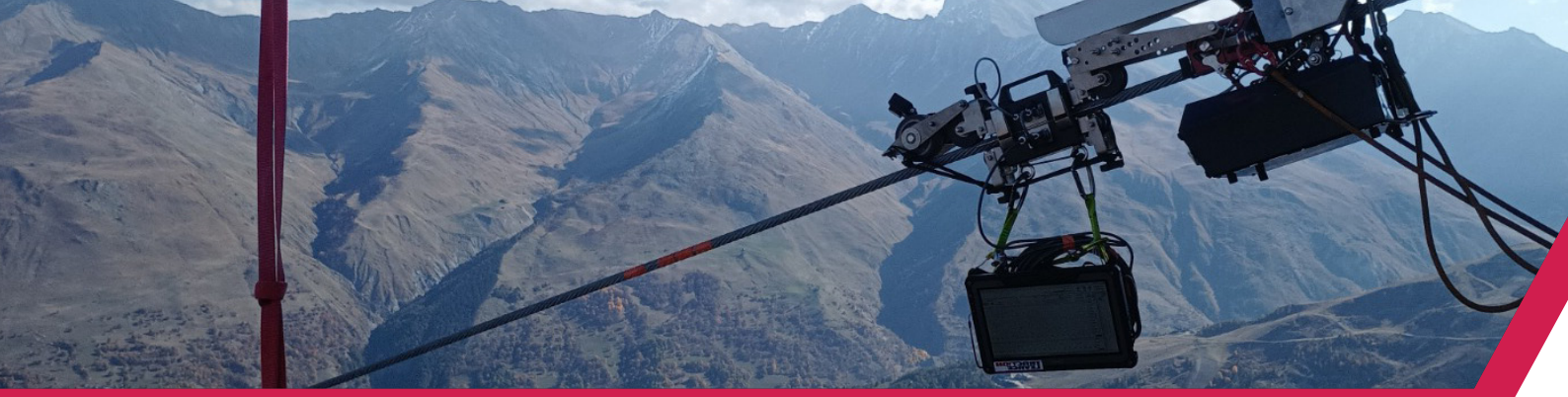
A mobile zip line solution for **unique experiences.**

Ziptronik enables fast deployment of zip lines for events, with a flexible **structure and quick setup.**

Designed for event applications, it allows installations in unexpected locations, creating strong visual and immersive experiences.

Perfect for brand activations, public events and seasonal animations.

- **Fast and flexible installation**
- **Adaptable to any location**
- **Strong immersive experience**
- **Low logistical constraints**
- **Ideal for marketing operations**



LOAD TRANSPORT

An engineering-driven solution for complex environments.
In certain conditions, automated cable/rope transport becomes more cost-effective and safer than traditional solutions.

KEY BENEFITS

- **Improved team safety**
- **Access to difficult areas**
- **Load capacity up to 300 kg**
- **Industrial applications (assembly plants, logistics)**
- **Indoor and outdoor use**
- **Custom-designed specifications**

OPERATIONS

This system allows material transport **across hard-to-reach areas or specific job sites.**

It can replace or complement costly solutions such as aerial transport or **heavy access infrastructure.**

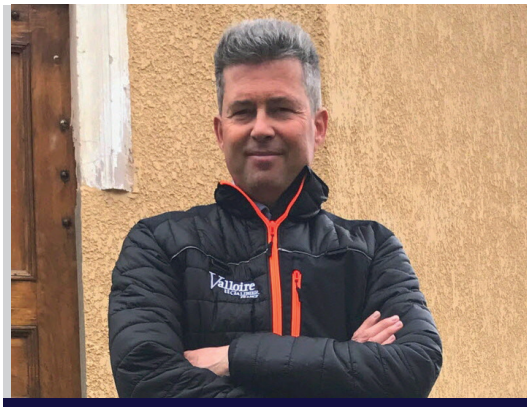
CUSTOM SOLUTIONS

Have a specific need? We design the solution.

Every project is unique.
Ziptronik is not a fixed product, but a modular solution adaptable to a wide range of applications.

Thanks to our tailored approach and close collaboration with field experts, we design systems perfectly aligned with your technical, operational and economic constraints.

TESTIMONIALS



Jean-Marie Martin,
CEO - SEM Valloire

Big Ziplines
Client for 5 years

We would like to highlight the strong commitment of the team and take this opportunity to reaffirm our trust.

We consider this to be a major innovation, both in terms of customer experience and operations, as it allows us to control rider speed across a wide range of weights.

Olympic Flame

High constraints, controlled solution. We had a strict speed constraint (maximum 10 km/h). Existing systems were complex to operate and lacked visual appeal.

We developed a tailored solution.
The result: a smooth and easy-to-operate system.

Inspired by statements from Willy Joly, City of Besançon - L'Est Républicain, 2024

Klemen Zupenc,
Director - VEVRCA

Event Santa Klauss

"We wanted Santa Claus flying above the Christmas village, and Ascenteck's engineering team made it possible."

Finalization of a Ziptronik integration with Vevrca, a Slovenian partner, who used our autonomous carrier to create their "Santa Line" in Varaždin, Croatia. A setup designed for events: smooth traction, reliable repeatability and controlled staging.
Exactly the kind of application Ziptronik was designed for.

LET'S STAY IN TOUCH

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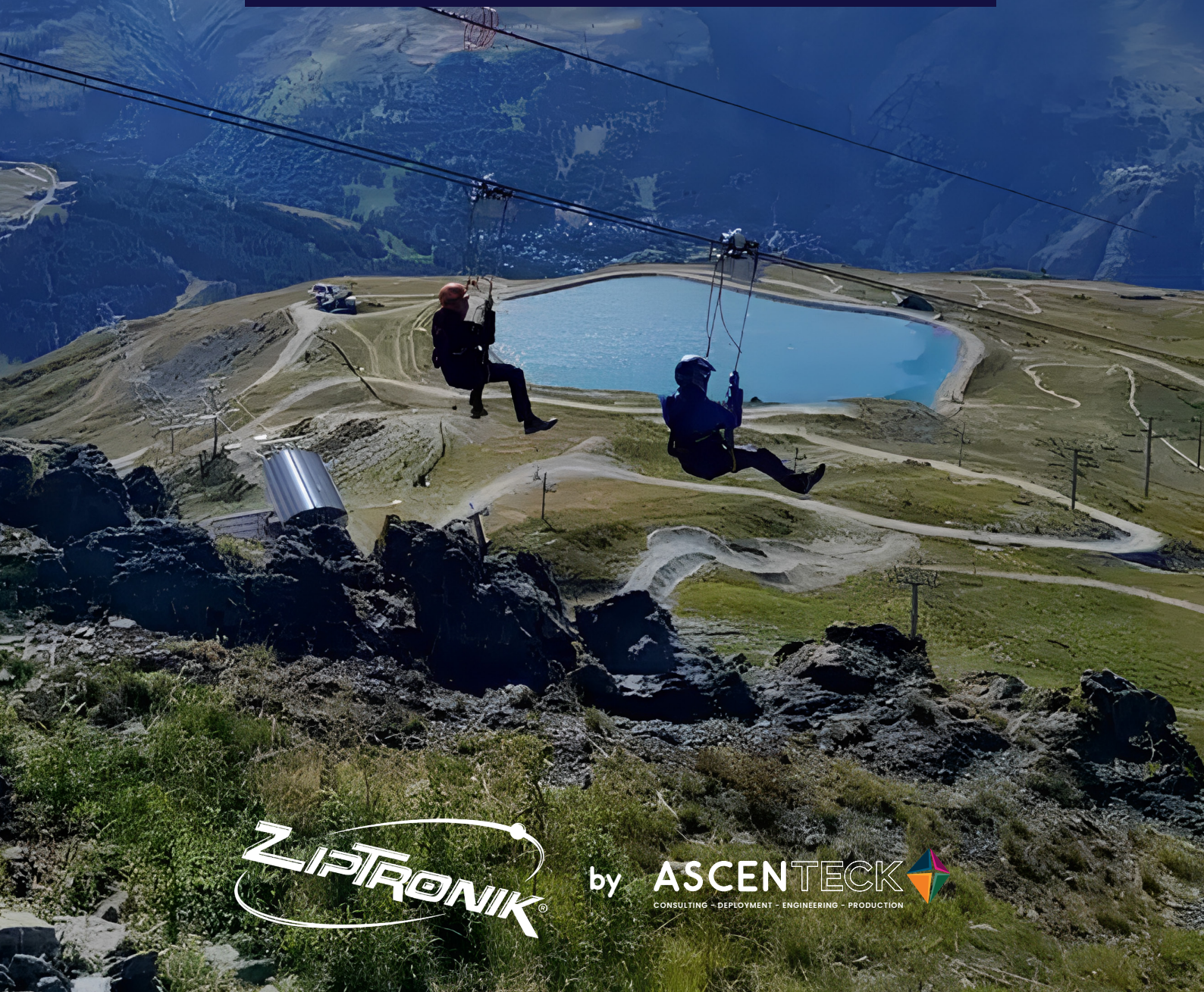
Awards & Recognition :

With the support of :



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