

## **Framence and Fly North announce strategic collaboration to optimize drone-enabled digital inspection services**

*German leader in photorealistic digital twin technology Framence announces collaboration with Colombian-based Fly North, a provider of drone services and data capturing solutions, to optimize digital and physical monitoring of large-scale industrial projects, particularly within the energy and construction sectors.*



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**Bensheim, Germany, May 3, 2024** – Framence, a global leader in photorealistic digital twin technology, announces a new strategic collaboration with Colombian-based Fly North, a provider of geospatial services and data capturing solutions using drones, photogrammetry and LiDAR. This partnership marks a significant milestone in the digital and physical monitoring of large-scale industrial projects, particularly within the energy and construction sectors.

Through this collaboration, Framence and Fly North will integrate cutting-edge drone technology with advanced digital imaging to enhance project monitoring, topographic surveying, and industrial inspections. Fly North's expertise in drone operations and data capturing will complement Framence's photorealistic digital twin platform, providing a seamless integration of digital and aerial insights.

Fly North focuses on several key industries such as the energy sector with a special emphasis on solar, photovoltaic, and hydropower projects, including transmission lines, where detailed inspections and regular monitoring are critical for operational efficiency and safety. Moreover, Fly North offers drone surveys that target oil pipeline projects, ensuring precise inspections and maintenance operations.

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The collaboration will enable continuous tracking of construction progress, leveraging Framence's platform to monitor & document developments in real-time. Furthermore, the companies will offer specialized inspections of industrial roofs, including assessments of internal factory conditions, enhancing safety and structural integrity.

“Our collaboration with Fly North represents a transformative step forward in how industries can leverage digital twin technology and drone services for better, faster, and more accurate data capture but also remote inspection,” said Adrian Merkel, Managing Director at Framence. “This partnership is set to redefine industry standards and push the boundaries of what is possible in industrial monitoring and project management,” added Santiago Trujillo, CTO and founder at Fly North.

### **About Framence**

Framence is a pioneer in the development of photorealistic digital twins for buildings and industrial environments. Framence's technology enables companies to create highly accurate digital twins of technical assets and entire technical environments. By using Framence's digital twins, companies can significantly optimize planning processes, ensure much more efficient operations, and can thereby realize important financial benefits and savings. For more information, visit [www.framence.com](http://www.framence.com).

### **About Fly North**

Founded in 2011, Fly North was created with the purpose of offering high-precision geospatial services in Colombia with guaranteed quality and optimal delivery times. We transform captured data into relevant information for strategic decision-making.

Our services include:

- Surveying: photogrammetry, LiDAR, mobile mapping, and 3D modeling
- Infrastructure inspection: energy tower inspections, network and power line inspection, solar panel inspection, civil works inspection (buildings, roads, and roofs)
- Precision agriculture: tree and plant counting, stress maps (NDVI), depopulation maps

For more information, visit [www.flynorthgroup.com](http://www.flynorthgroup.com).

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