

Revolutionizing Traditional ISR:

SMX and DZYNE's Pioneering Approach to Intelligence Operations

When the breadth of global events exceeds the coverage of available resources, a smarter system is needed. Whether it's border security or international crime and terrorism, putting the right asset, in the right place, at the right time is of paramount importance.

Intelligence, Surveillance, and Reconnaissance (ISR) capabilities are critical. Stakeholders ranging from military commanders to humanitarian agencies require real-time, accurate, and actionable insights to make informed decisions. Traditional ISR systems alone can't keep up with demand. The integration of Digital ISR offers a hybrid approach that optimizes coverage, predicts movements, and allocates resources more effectively.

The partnership between DZYNE Technologies and SMX elevates this concept through the integration of advanced unmanned systems, technological optimization, and industry leading commercial and publicly available data. This convergence solves several key problems:

- Enhanced Situational Awareness:** By combining DZYNE's autonomous platforms with SMX Elevate ISR's capacity to analyze vast datasets, the partnership provides a more comprehensive understanding of the operational environment. By documenting both phenomena of interest and underlying systems, this solution allows end-users to be proactive.
- Dynamic and Adaptive Intelligence:** The use of commercially available data allows ISR systems to be more adaptive, updating and recalibrating in response to live events. Digital ISR ensures that traditional assets are postured to collect successfully.
- Scalability and Flexibility:** The solutions provided are scalable to a wide range of applications, from monitoring large-scale movements of military assets to tracking small-scale environmental changes impacting civilian populations.
- Future-Proofing ISR Capabilities:** As global security needs evolve, so too must the technologies and strategies employed to meet them. By employing a best-of-breed modular system, DZYNE's and SMX's innovative approach not only addresses current security challenges but also builds a framework capable of adapting to future demands.
- Persistent Presence:** Using data as a sensor, affords global coverage and access unavailable through traditional means. Hybrid ISR is available in contested environments or inclement weather conditions. Our system collects and archives data persistently, providing gap coverage and lead generation

Mission Planning & RFI Development

Elevate ISR Integrator Support

1. Tasking	2. Collection & CAUS Employment		3. Processing	4. Exploitation
ISR Tactical Control Operational planning, and asset orchestration to meet RFI requirements  	Elevate ISR - Commercial Analytics that leverages industry partnerships vendor sourcing Sawtooth - Perimeter and Mobile Site C-UAS  Flight Operations Turnkey Flight Operations and Maintenance LEAP Persistent Surveillance with Cost-Disruptive ISR UAS Dronebuster handheld, Mobile, and Fixed-Site Drone Defense   		DefenseOS/Matrix AI-Enabled C2 for Consolidated Intelligence Elevate ISR - ELAB Operations Center as a Service provides secure commercial transport & processing lab 	Elevate ISR Commercial Analytics that leverages industry partnerships to deliver insights Federated PED Remote synthesis to develop post mission production 
5. Dissemination				

Strategic Impact

The synergy between SMX and DZYNE Technologies not only elevates the operational capabilities of intelligence systems but also transforms how organizations approach decision-making in dynamic and challenging environments. This partnership ensures that intelligence is not merely a collection of data but a pivotal foundation for strategic decisions, driving enhanced outcomes across a spectrum of missions.

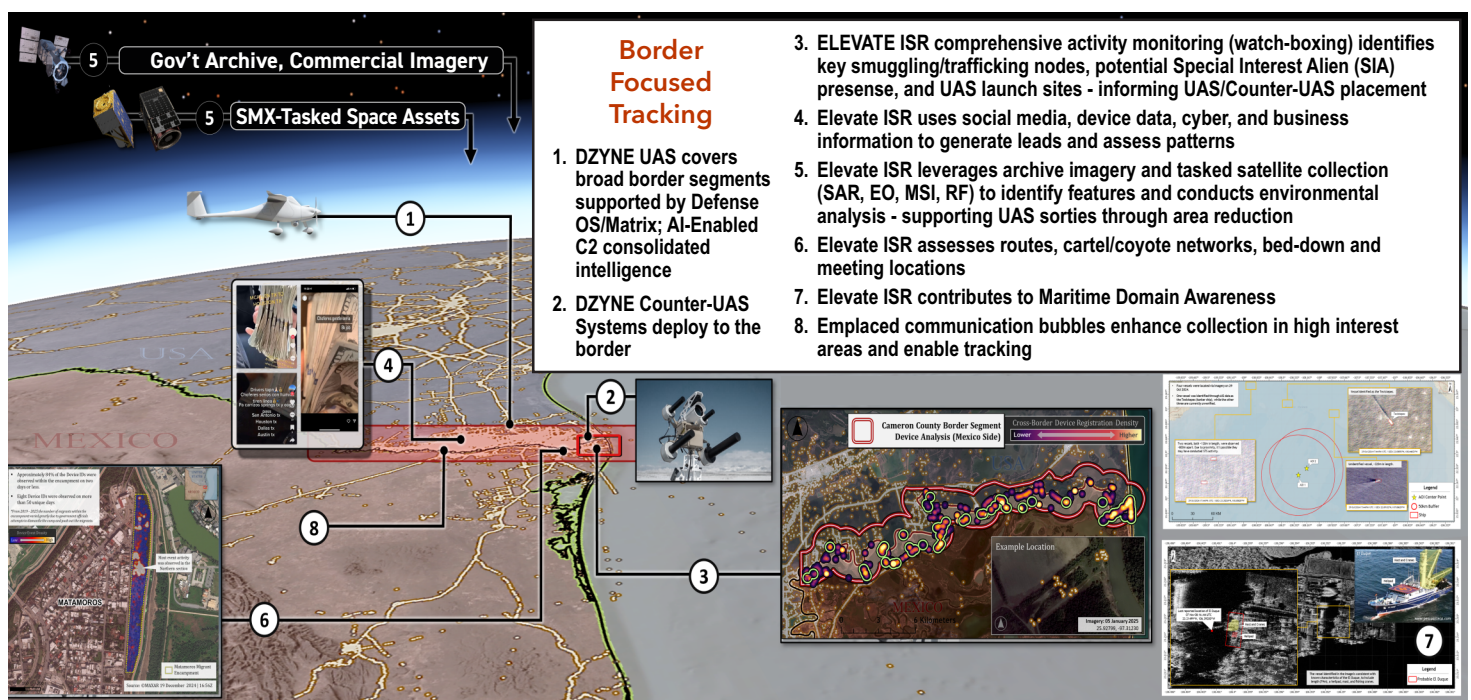
By tailoring solutions and integrating state-of-the-art technologies, SMX and DZYNE are setting new standards in the information domain, empowering stakeholders to act with unprecedented speed and precision. Our combined approach supports current operational needs and adapts to future challenges, ensuring long-term resilience and operational effectiveness.

This collaboration between SMX and DZYNE Technologies represents a significant leap in intelligence operations, showcasing how the integration of advanced technologies and strategic partnerships can dramatically enhance the capabilities of intelligence platforms like Elevate ISR.

Enhanced Intelligence Cycle

By combining the strengths of SMX's Elevate ISR platform with DZYNE Technologies' autonomous systems, our partnership creates a more robust intelligence cycle. This cycle covers all phases from tasking to dissemination but also enhances each step with cutting-edge technology:

- **Tasking:** Improved precision in the deployment of ISR assets, ensuring they are directed where most needed.
- **Collection:** Utilization of DZYNE's autonomous platforms for more efficient data gathering in diverse environments.
- **Processing:** Integration of SMX Elevate ISR for advanced analytics to quickly and accurately process vast amounts of data.
- **Exploitation and Analysis:** Application of SMX Elevate ISR's AI-driven tools to extract actionable insights from collected data.
- **Transport and Dissemination:** Streamlined channels for delivering information, ensuring rapid and secure distribution of insights to decision-makers.



Likely Border-Crossing Devices from cameron County, Texas (Example Border Segment)

For more information, please contact: solutions@smxtech.com

SMX harnesses the transformative power of technology to achieve mission success as a leader in digital and mission solutions, specializing in secure and advanced cloud, ISR, cyber, data analytics, engineering, space, and IT solutions. Operating in close proximity to our clients across the globe, the SMX team has a shared vision to deliver scalable and secure solutions to assure outcomes for the critical missions of our Government and commercial clients.

Learn more about our current contracting vehicles: www.smxtech.com/contracting-vehicles