

The background features a light blue, semi-transparent map of a city grid. Overlaid on the map are several thin, dark blue lines representing drone flight paths. These paths consist of straight segments connecting various points, with some points marked by small dark blue dots. The overall aesthetic is clean and technical, suggesting a focus on urban drone operations.

# Scaling U-space: From Safe Beginnings to Sustainable Multi-Drone Operations

A shared roadmap to enable safe, scalable 1:n  
operations in Europe

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# Disclaimer

The following presentation shares forward-looking perspectives on how U-space might develop to support scalable, efficient, and safe multi-drone operations. These views are the speaker's own and are not endorsed by EASA or any regulatory authority.

Examples shown are for illustration only and do not suggest regulatory feasibility within today's framework.

The aim is to enrich the collective discussion and identify future opportunities for industry and authorities to explore together.

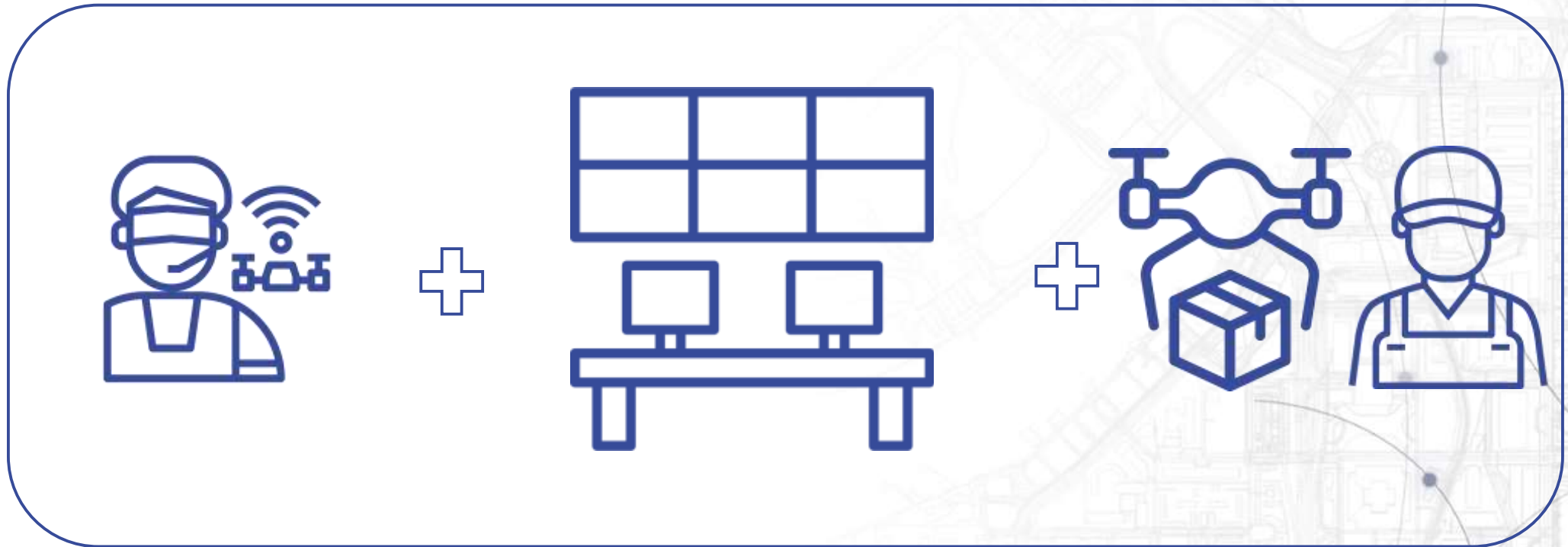
# Where We Are Today

Europe has proven BVLOS safety  
— now we must make it scalable.



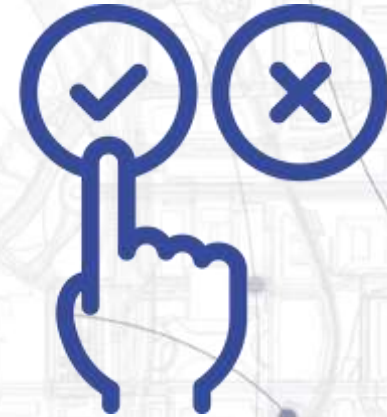
# A Moment of Realisation

A simple BVLOS flight still required multiple roles and screens.



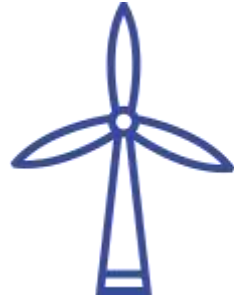
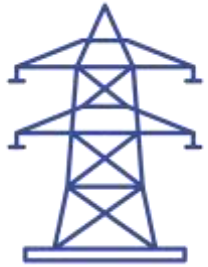
# The Challenge We All Recognise

Safety strong, scalability limited by human-intensive workflows.



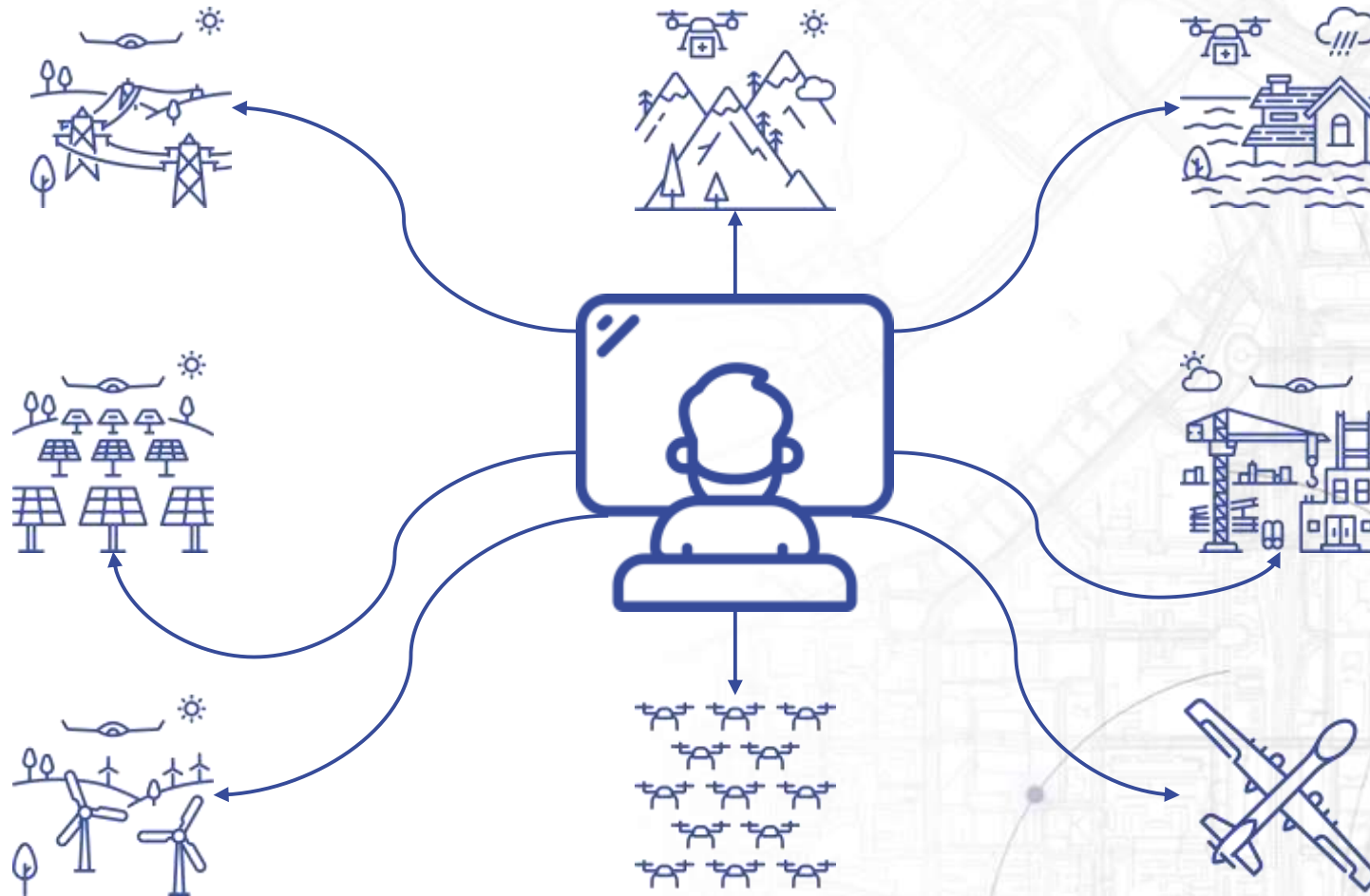
# Why Scaling Matters

Europe's strategic missions require multi-drone operations



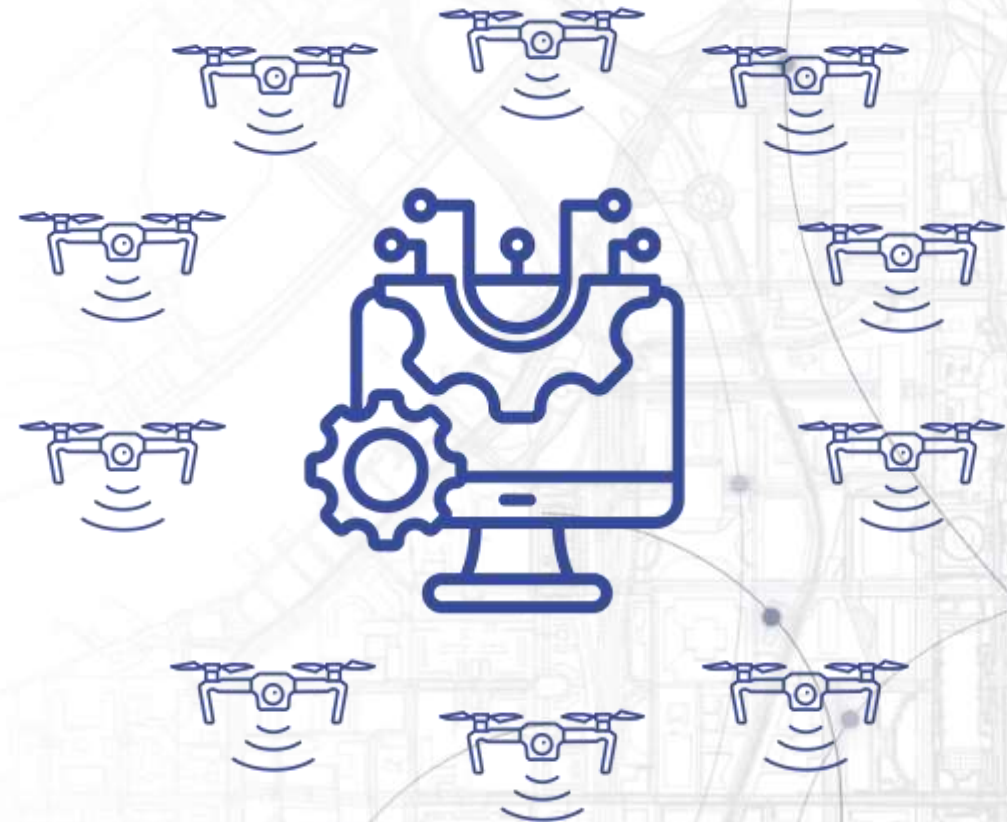
# What 1:n Really Means

1:n is about enhanced human supervision supported by automation



# Building on Aviation's Strengths

Aviation's safety culture is the foundation for digital automation



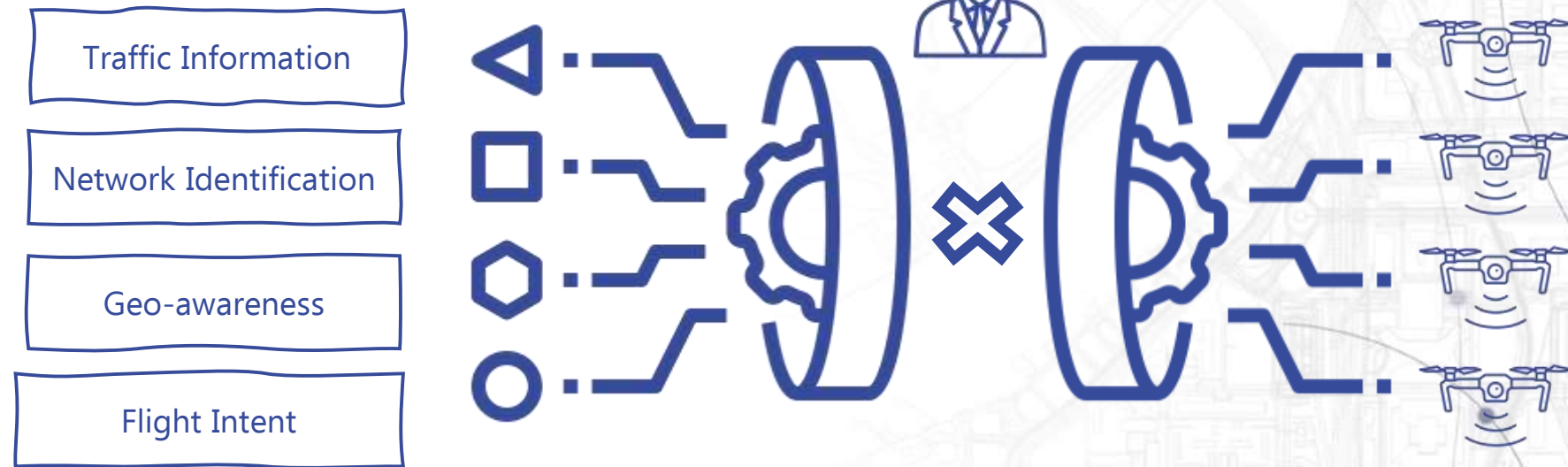
# The Role of U-space

U-space provides critical building blocks for scalable automation



# What's Missing: Integrated Decision Support

Holistic automation layers needed for safe 1:n



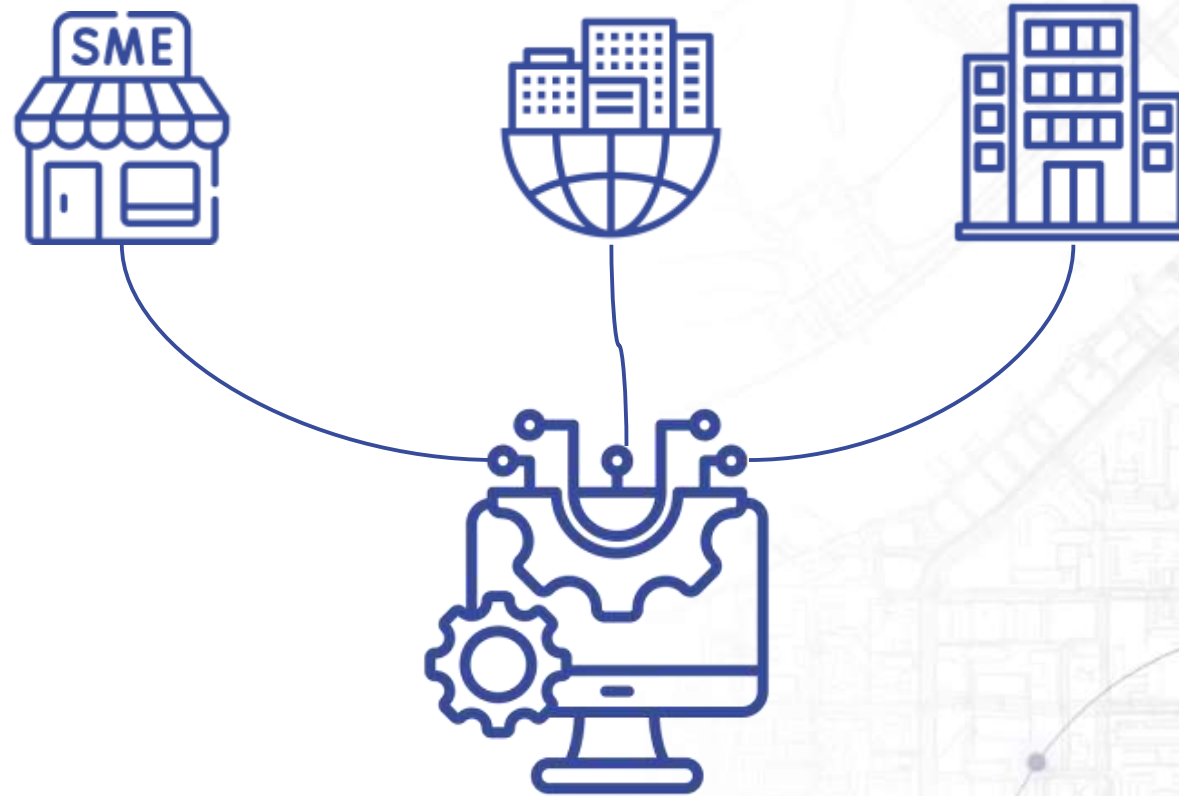
# Automation for Trust

Predictable, explainable automation is certifiable automation



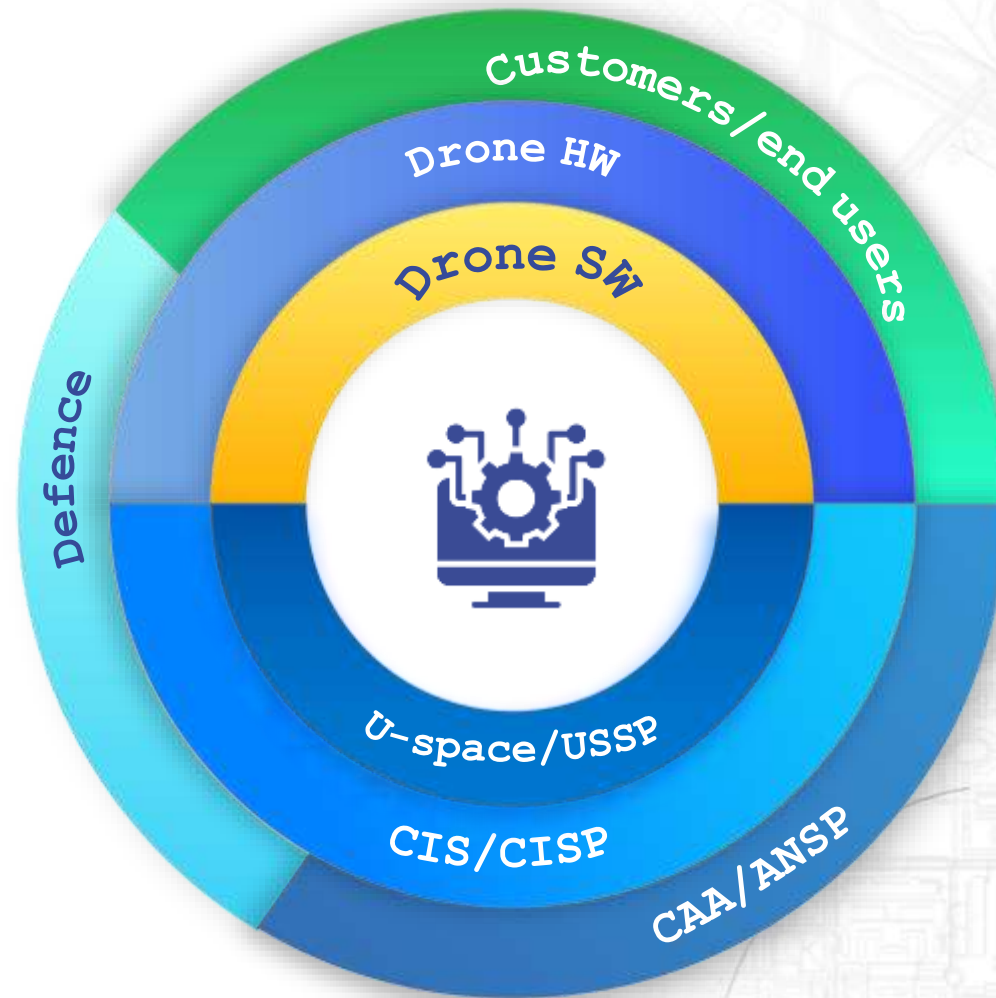
# Making 1:n Accessible to All

Interoperable, affordable automation enables a fair ecosystem



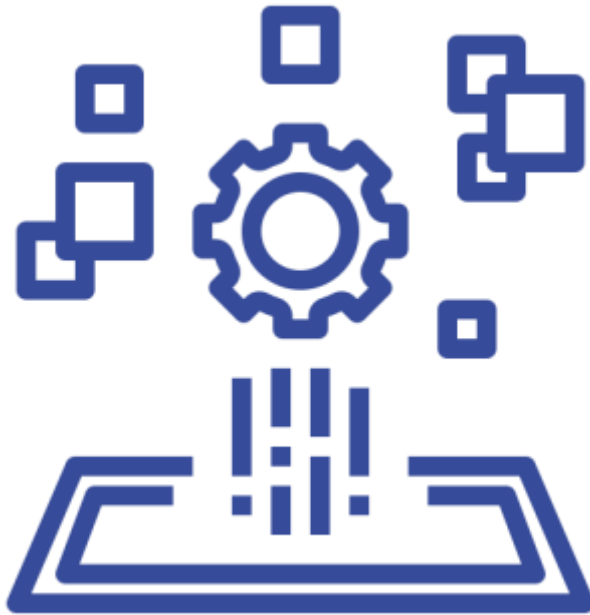
# The Joint Path Forward

Scaling requires collaboration across all aviation stakeholders



# Europe's Window of Opportunity

Europe can lead globally—if we act together

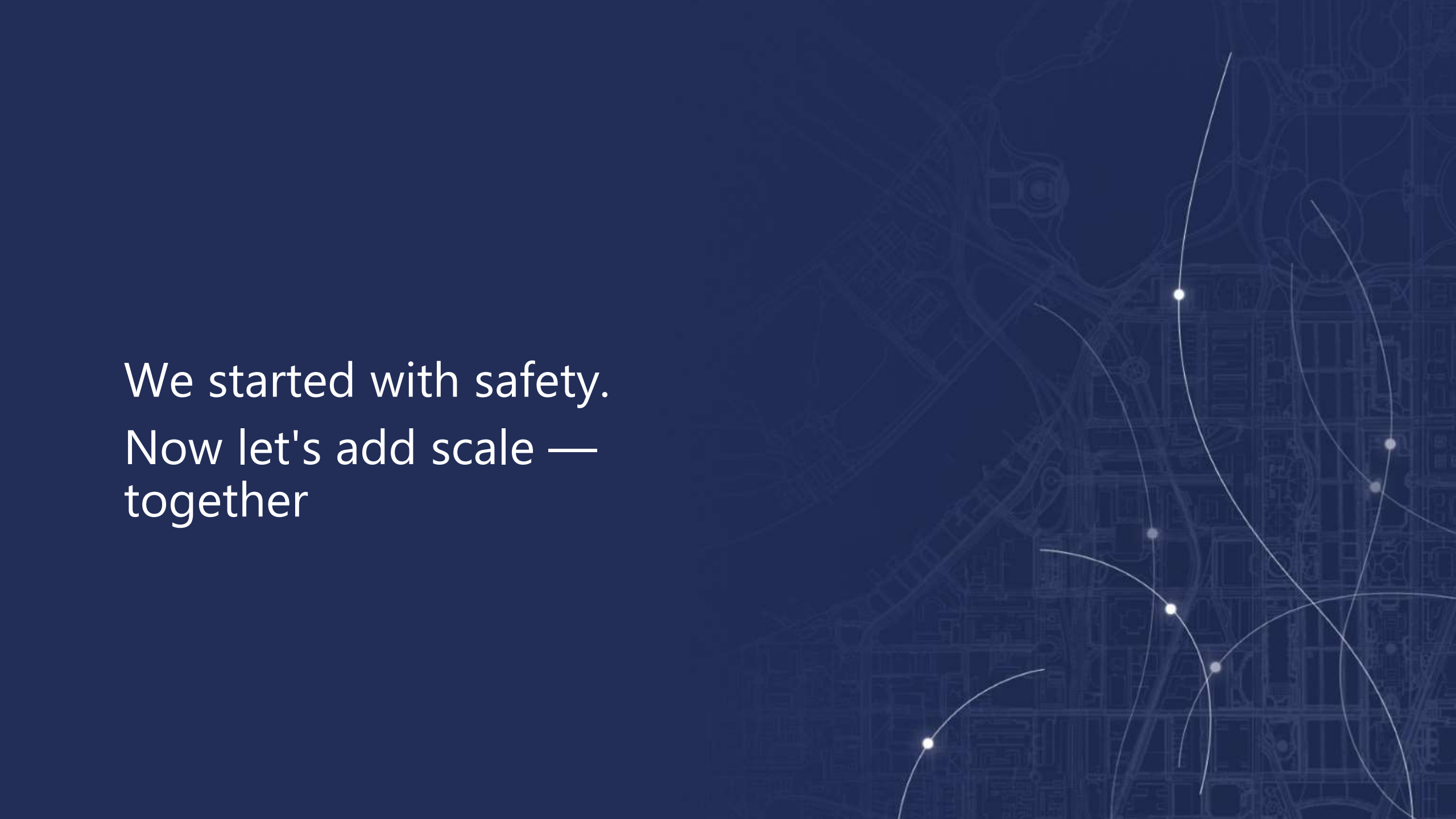


# A Vision for 2030

Safe, scalable, automated multi-drone operations integrated into society



We started with safety.  
Now let's add scale —  
together

The background features a dark blue color with a faint, light blue grid pattern. Overlaid on this grid are several thin, white, curved lines that sweep across the right side of the image. Small white dots are placed at various points along these curves, creating a sense of motion or data points.