

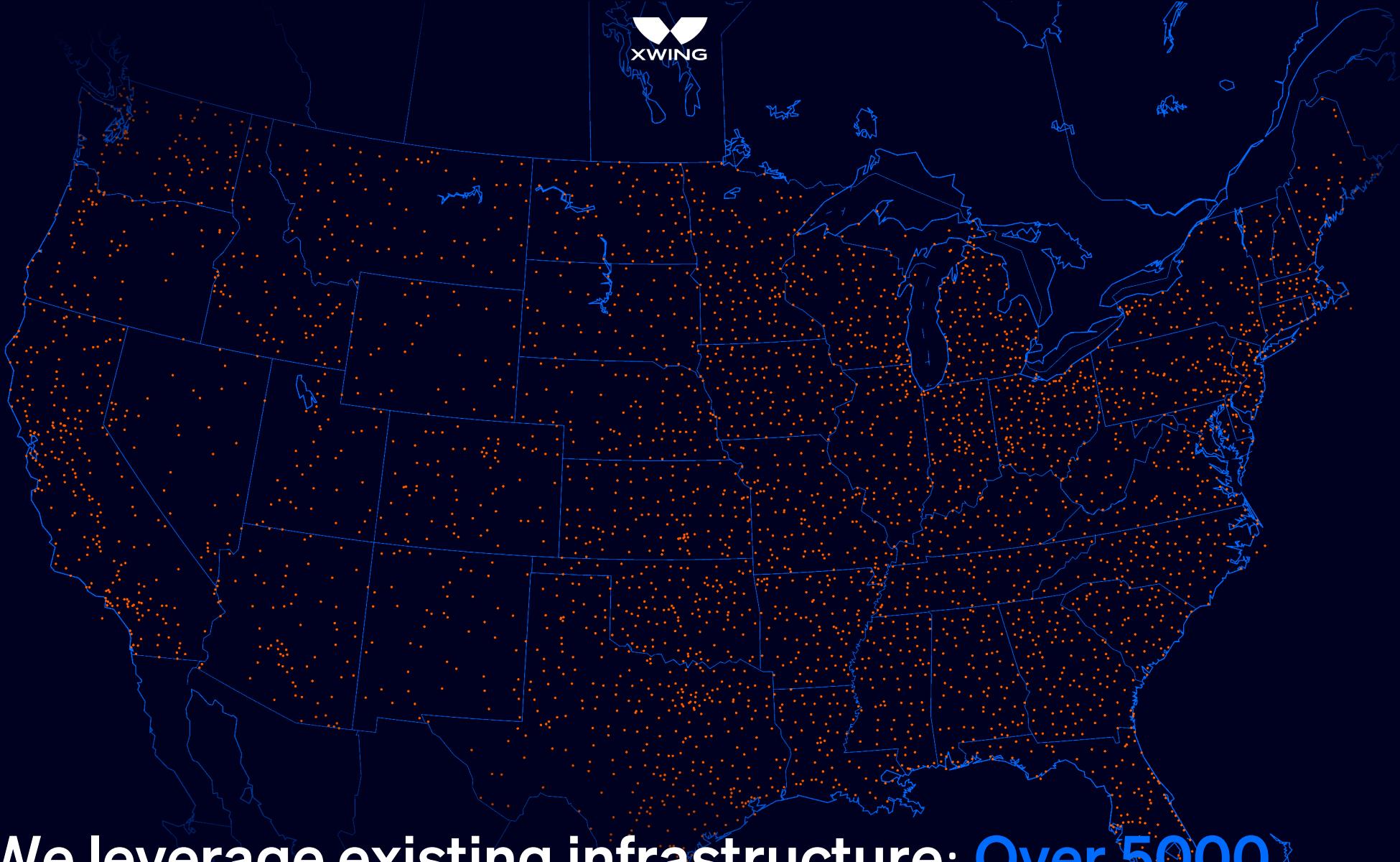


NASA ULI – October 4, 2021 – Maxime Gariel



Xwing is building a software-defined middle-mile air transportation network

By combining [autonomous flight technology](#) with [software-defined air operations](#), Xwing is transforming the regional air transportation industry to revitalize local communities by running a fleet of [tele-operated regional cargo aircraft](#).



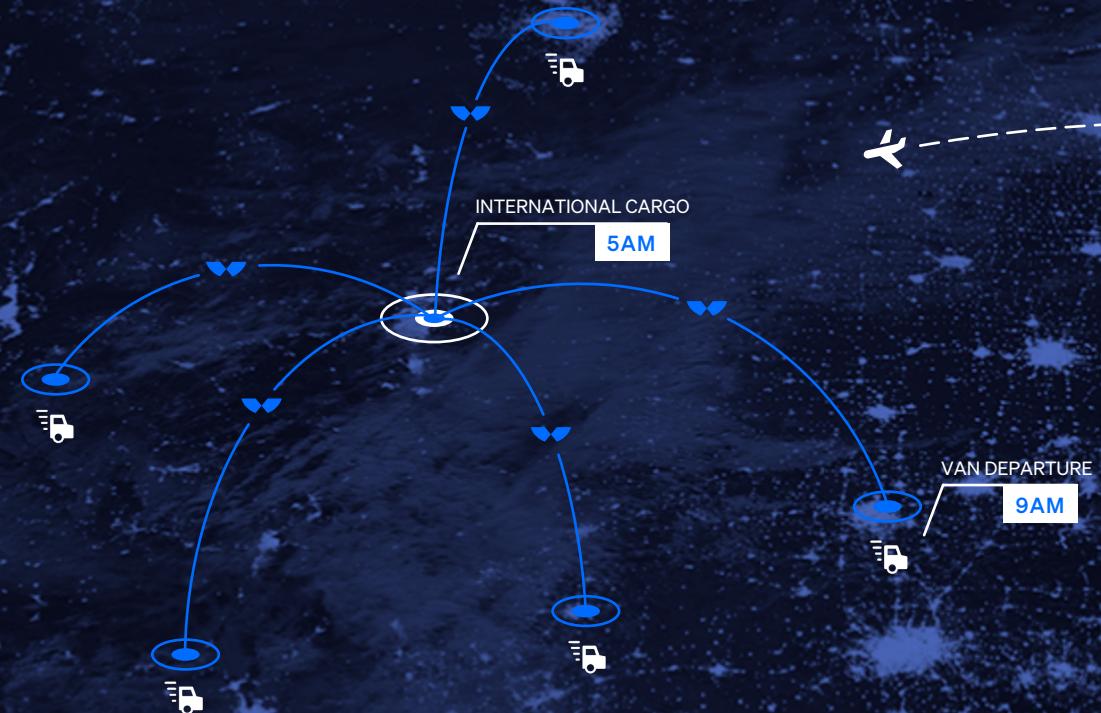
We leverage existing infrastructure: Over 5000
publicly accessible airports





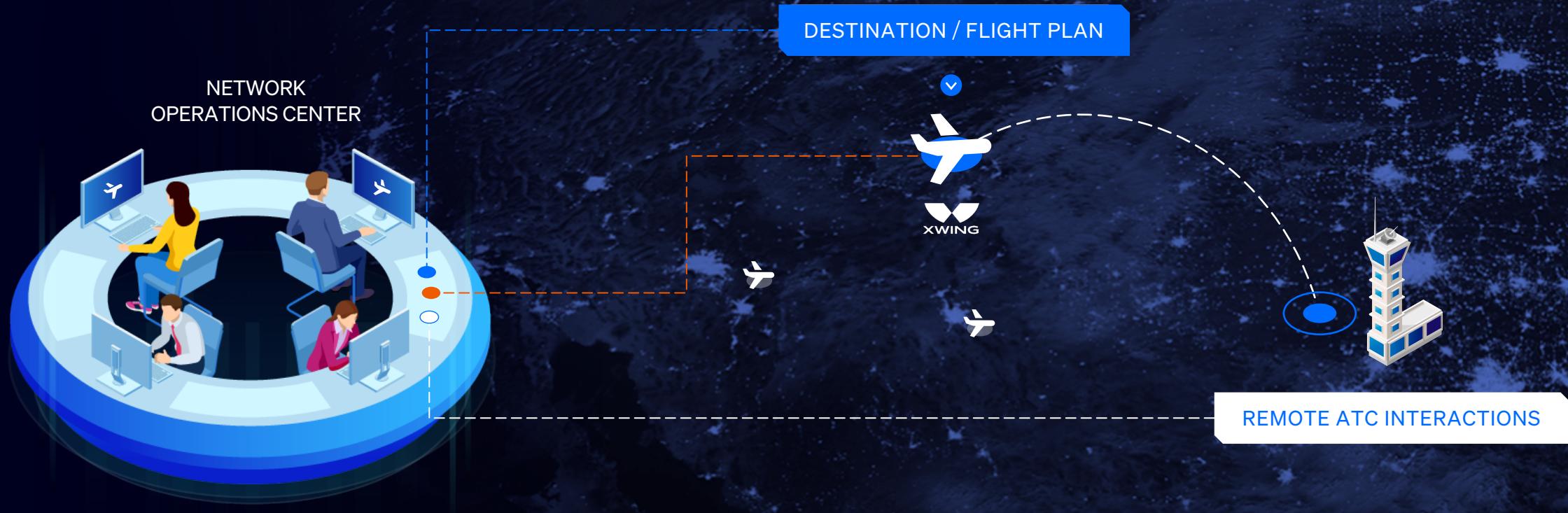
The billion-dollar middle-mile express air cargo market

brings e-commerce packages
and time-critical supplies to rural communities





We are building Tele-operations of highly automated aircraft





16:39:26 00:39:26



Tele Operations Today





Our Aircraft Can Also Operate Autonomously

BUT THEY NEED TO PLAY NICE WITH ATC



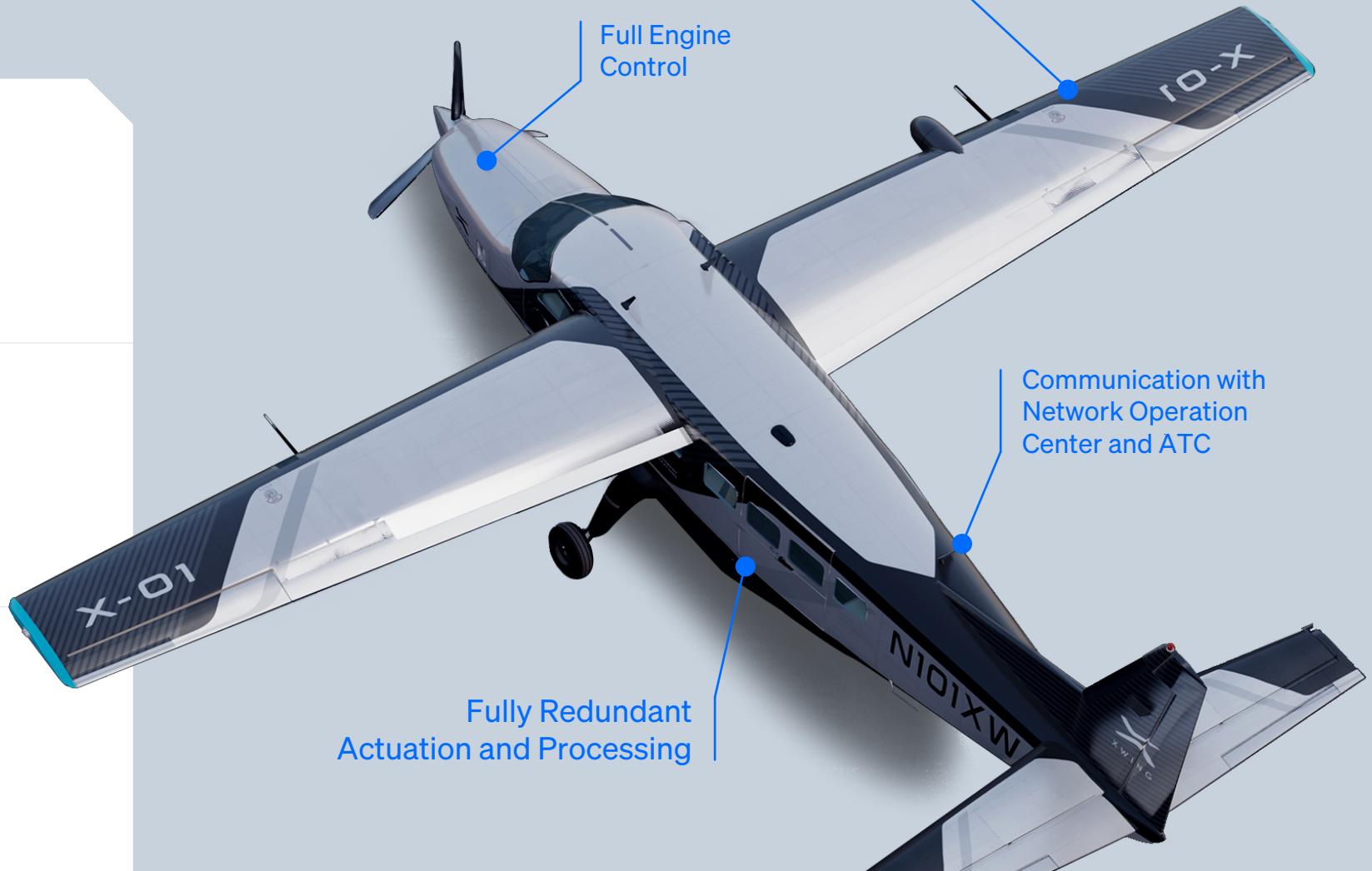
Optimized and Dynamic Path-Planning



Taxi, Takeoff, Navigation, Landing



Automatic Handling of Emergency Situations





From Remotely Operated Aircraft to Full Autonomy

Certification

Detect & Avoid
Command and Control
Digital Flight Controls



Remotely operated cargo aircraft
(Part 135 or analogous)

Reduced operator workload

Autonomous operations



Development

Path Planning
Auto-land
Taxiing
GPS denied positioning
Automated ATC
Contingency management

Tech Certification + Part 135 Certificate Amendment



Thank you for your attention!

Stay tuned for upcoming company updates

Maxime Gariel – maxime@xwing.com

www.xwing.com