

THE GROWING THREAT OF

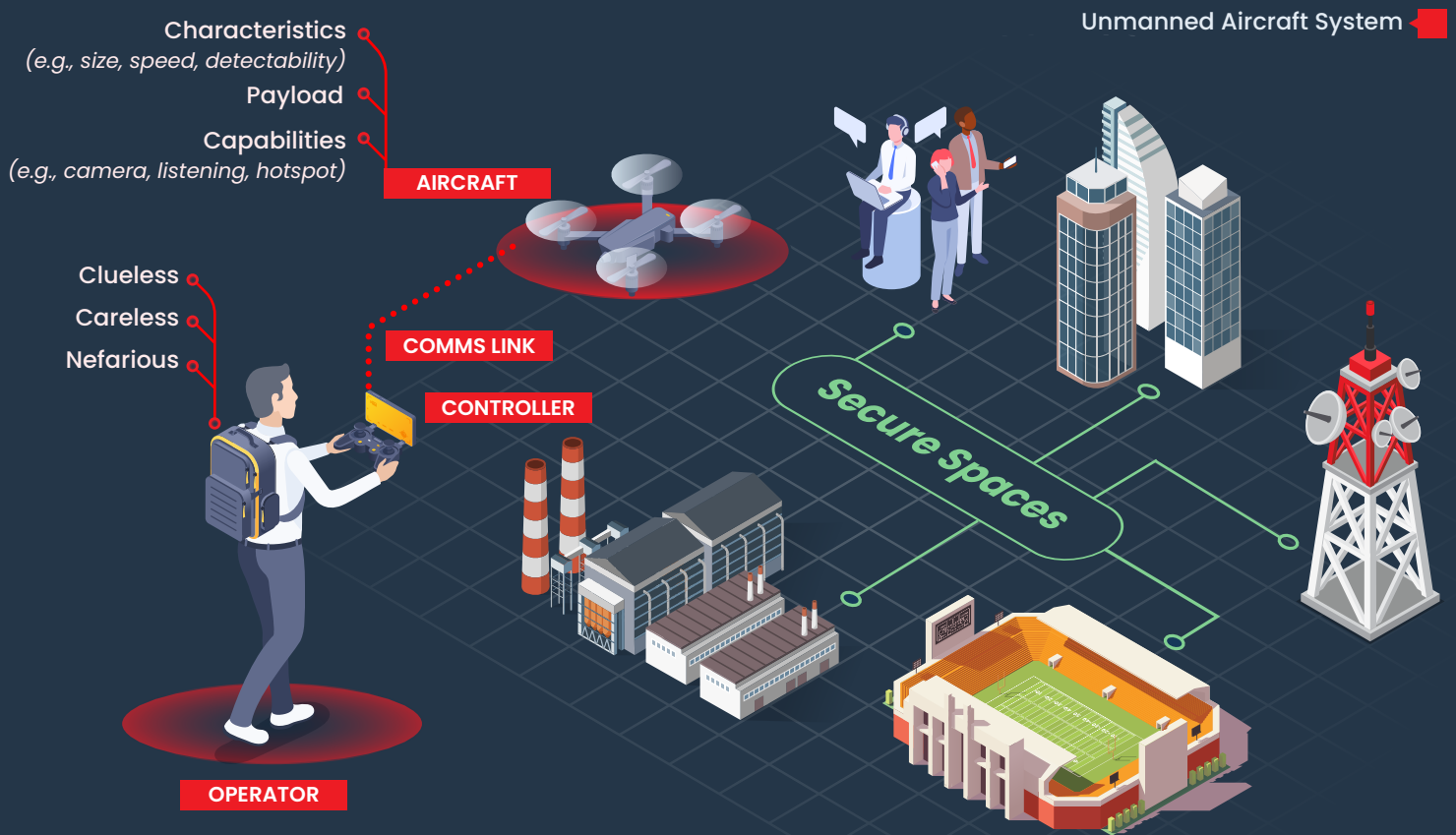


UNMANNED AIRCRAFT SYSTEMS

Unmanned Aircraft Systems (UAS) present new challenges for airspace security. Unlike traditional piloted aircraft, UAS use airspace in a novel way, creating new security concerns while regulations and security approaches are still developing. With over 900,000 registered aircraft in the US today and the growing use of UAS for recreational, commercial, and government purposes, the skies are becoming increasingly crowded. As UAS congestion grows, determining which objects are friendly and which are threats to physical and virtual assets becomes more complex.

The continued evolution of unmanned aircraft and their growing volume means organizations should be proactive in understanding and protecting against UAS threats.

THE UAS LANDSCAPE



RISKS FROM THIRD PARTY UAS

STRATEGIC

- Stolen intellectual property
- Threat of new business models or loss of competitive advantage

PRIVACY & SECURITY

- Stolen data
- Cyber access point

FINANCIAL

- Cost from loss, damage, interruptions, or liability
- Cost of UAS security measures and insurance premiums

REPUTATIONAL

- Perception of safety risk
- Information leaks

PHYSICAL

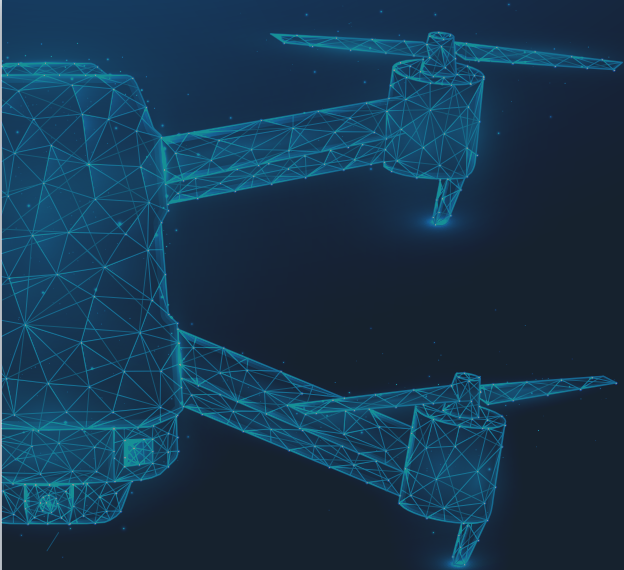
- Harm to employees, customers, or stakeholders
- Loss or damage of property

REGULATORY & LEGAL

- Regulatory limitations
- Compliance violations

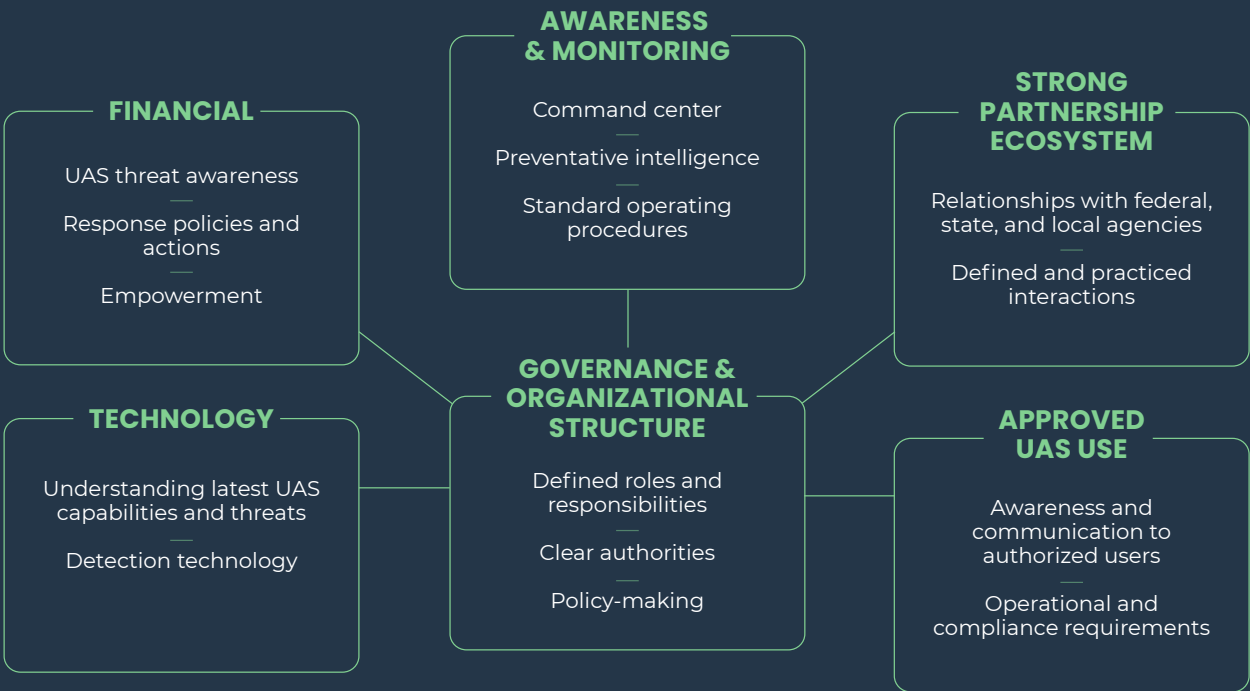
OPERATIONAL

- Disruption of communications, supply chains, or critical infrastructure
- Safety hazards



PREPARING FOR UAS THREATS

PREPARATION & RESPONSE CENTERS AROUND GOVERNANCE



Analyzing the dimensions above allows organizations to develop UAS response protocols. This comprehensive approach:

- Balances human and technology-based actions,
- Ensures timely, precise, and accurate communication throughout, and
- Informs capability needs from left to right of launch



PATH TO PREPARING FOR UAS THREATS

Toffler Associates, a leader in developing comprehensive approaches to addressing the increasing UAS threat, has three key capabilities to guide organizations:

- 1) Assessing UAS threats and developing mitigation strategies
- 2) Establishing UAS threat operational capabilities
- 3) Scouting UAS technologies and counter measure innovations