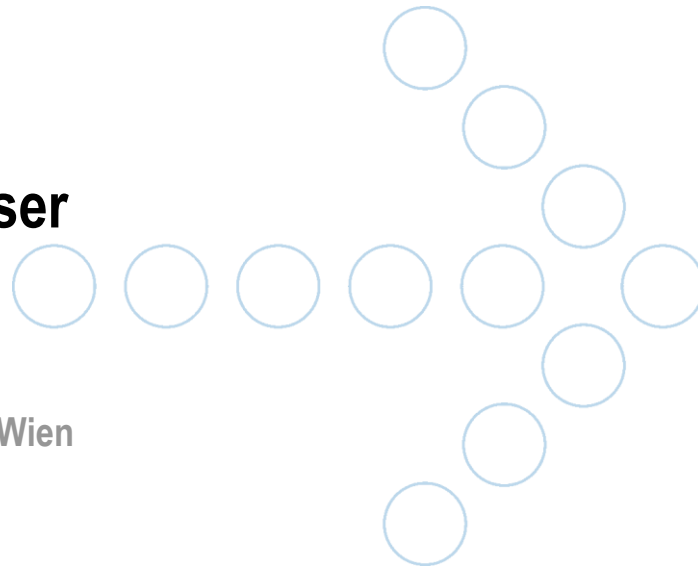


Drones – a new airspace user

Dr. Michael Scheibenreif
Manager Competence Center Drones
Austro Control, Wagramer Straße 19, 1220 Wien
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SICHERHEIT LIEGT IN DER LUFT



Drones – a new airspace user

Top priority: safety and security

- ▶ Separation of drones /and manned aviation is an air traffic service

- ▶ Providing these services = exercising public authority



U-Space providers should be licensed by public authorities

- ▶ All airspace is Air Traffic Service airspace (includes ‘controlled airspace’ but also e.g. emergency helicopters in ‘Very Low Level’ airspace)

- ▶ The JARUS ‘Specific Operations Risk Assessment’ (SORA) entrusts Air Traffic Management with the mitigation of ‘air risk’ (mid-air collisions)

- ▶ Collaborative interfaces between Drone Traffic Management and Air Traffic Management have to be defined

- ▶ The final aim of U-Space is the full integration of drones in all classes of airspace



Air Traffic Management is crucial in defining and deploying future U-Space Services