

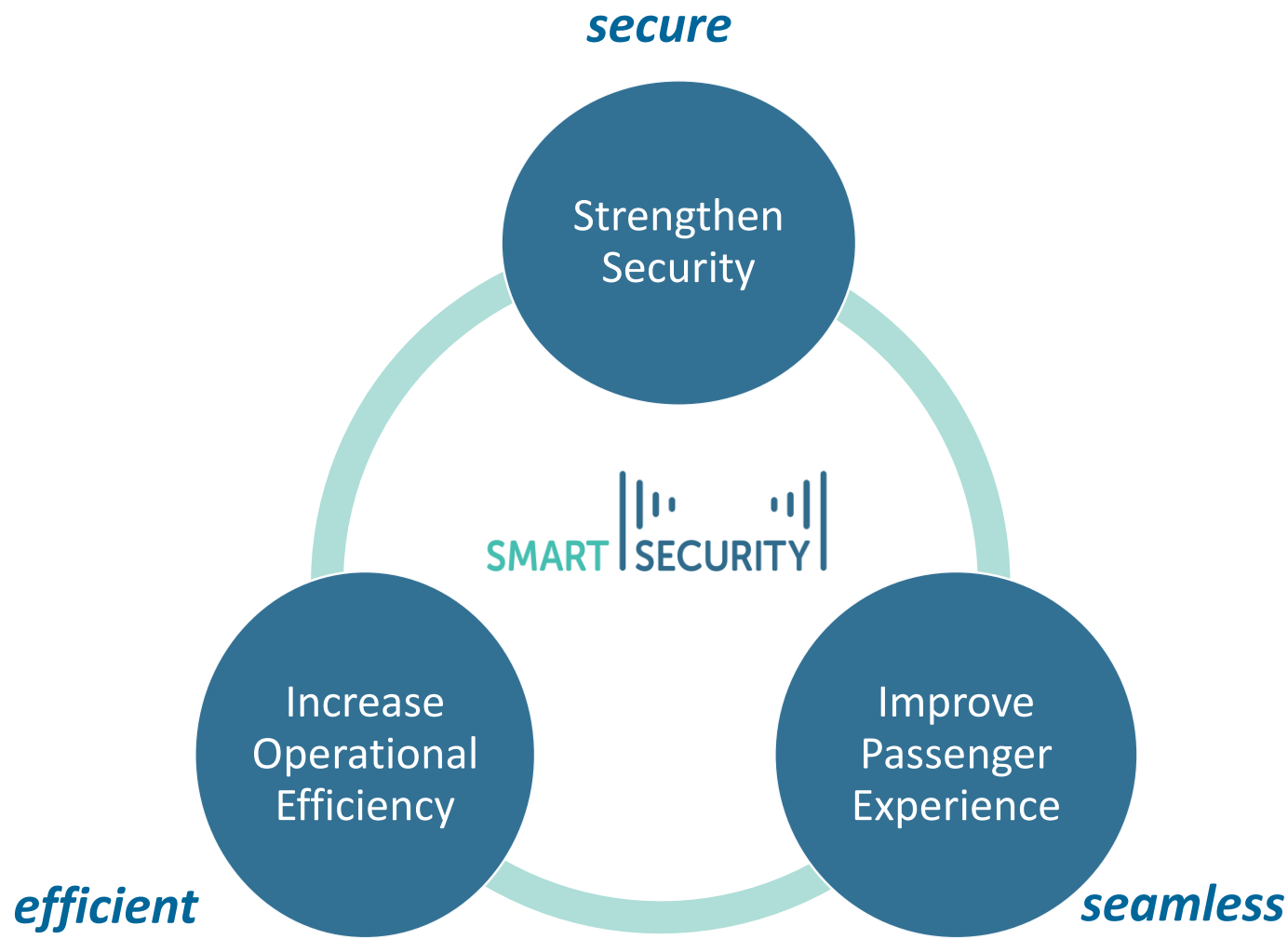
SMART SECURITY



Vision 2040

Billy Shallow - Manager, Smart Security





Our 3 objectives remain the same

Multi Stakeholder Collaboration



INNOVATION



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The new Strategy looks beyond mid-term solutions and beyond high tech

Pillars

1. Defining the future of passenger and cabin baggage screening



2. Identifying near-term solutions and wider applications



3. Promoting Smart Security concepts and solutions to a wide audience

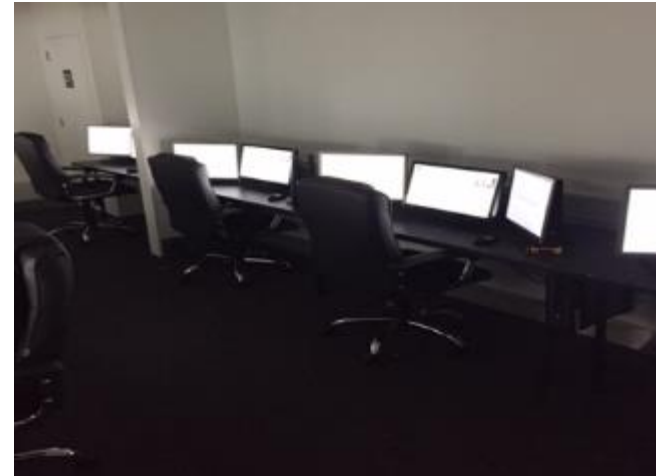
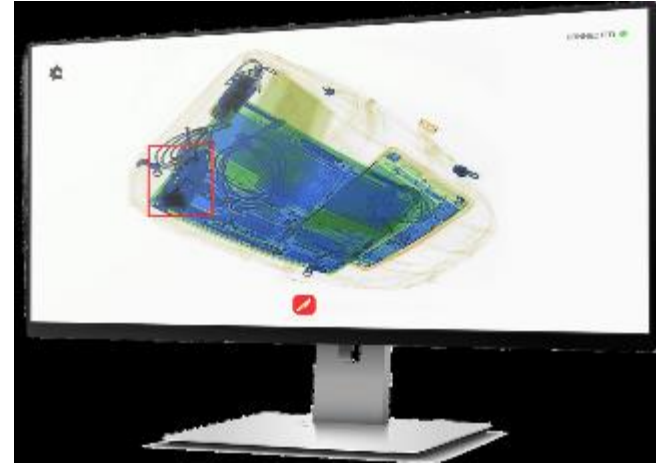


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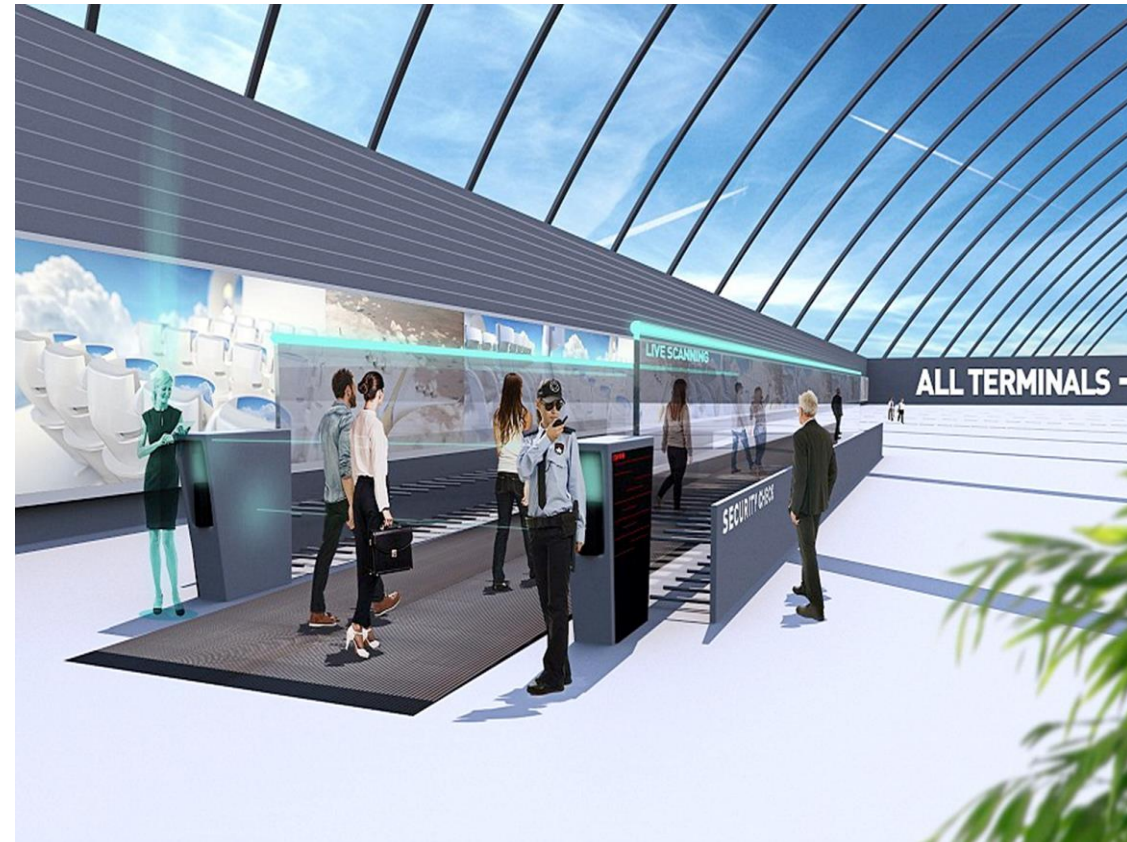




Solving Today's Problems



While Thinking about Tomorrow



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VISION 2040

RETHINKING AIRPORT SECURITY SCREENING AND THE
PASSENGER EXPERIENCE

Document Record





GLOBAL AVERAGE ANNUAL GROWTH RATE 2017–2040



CHANGING AVIATION MARKET SHARES OVER TIME



BY 2040 INTERNATIONAL PASSENGER TRAFFIC WILL APPROACH PARITY WITH DOMESTIC TRAFFIC



Continued traffic growth

Emerging Trends in 2040



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Evolving Threats - 2040



Today's threats will still exist



Implanted Improvised Explosive Devices



Chemical, Biological, Radiological Threats



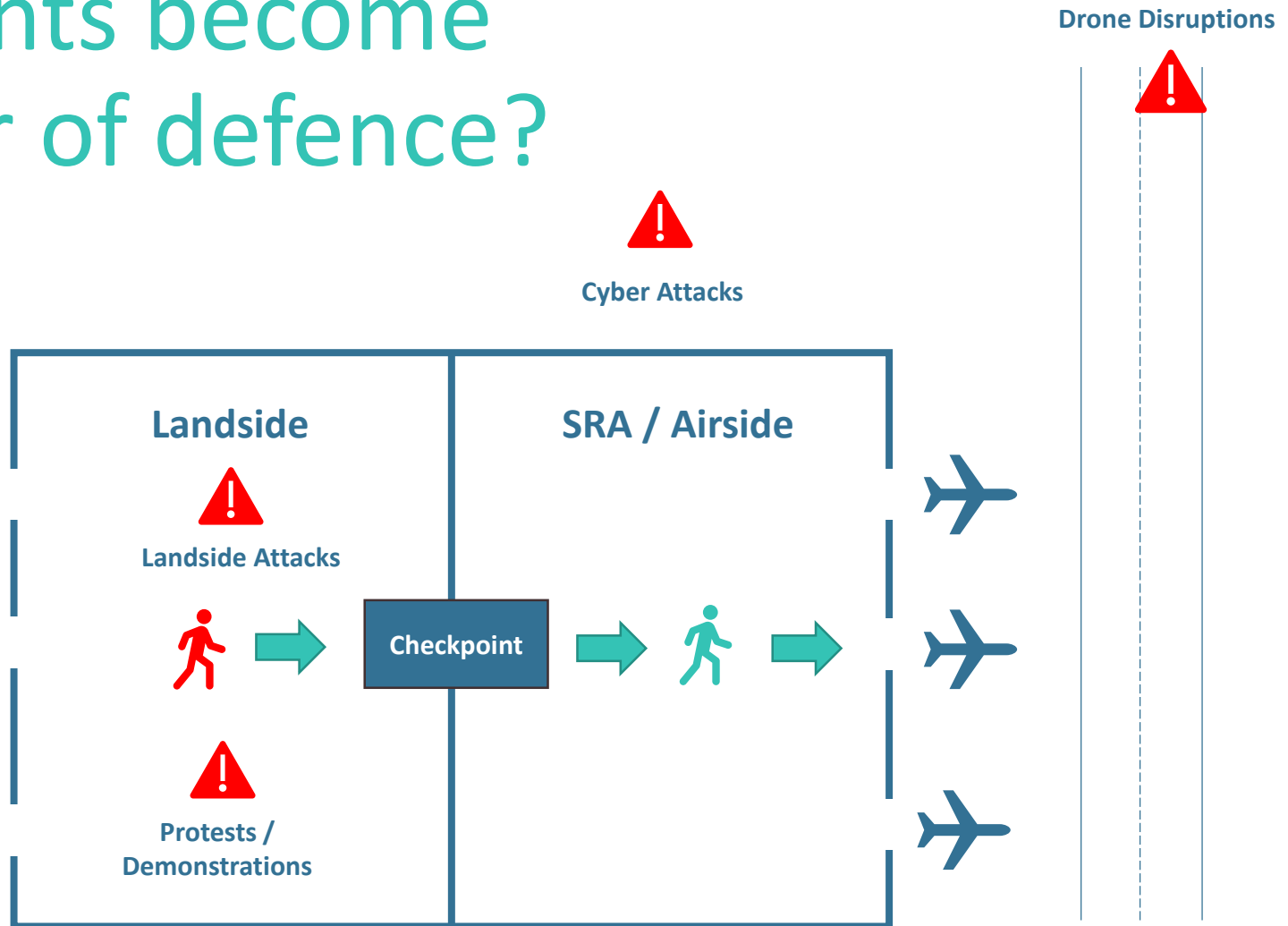
Advanced Cyber Threats



Non-Terrorist Threats – 'Business Attacks'

Have checkpoints become the single layer of defence?

Protecting aircraft is where airports spend most of their security resources, yet it causes passengers the most inconvenience



Future solutions will turn checkpoints into walk-through “gateways”



Data and risk scores



Off-airport baggage screening



Stand-off detection



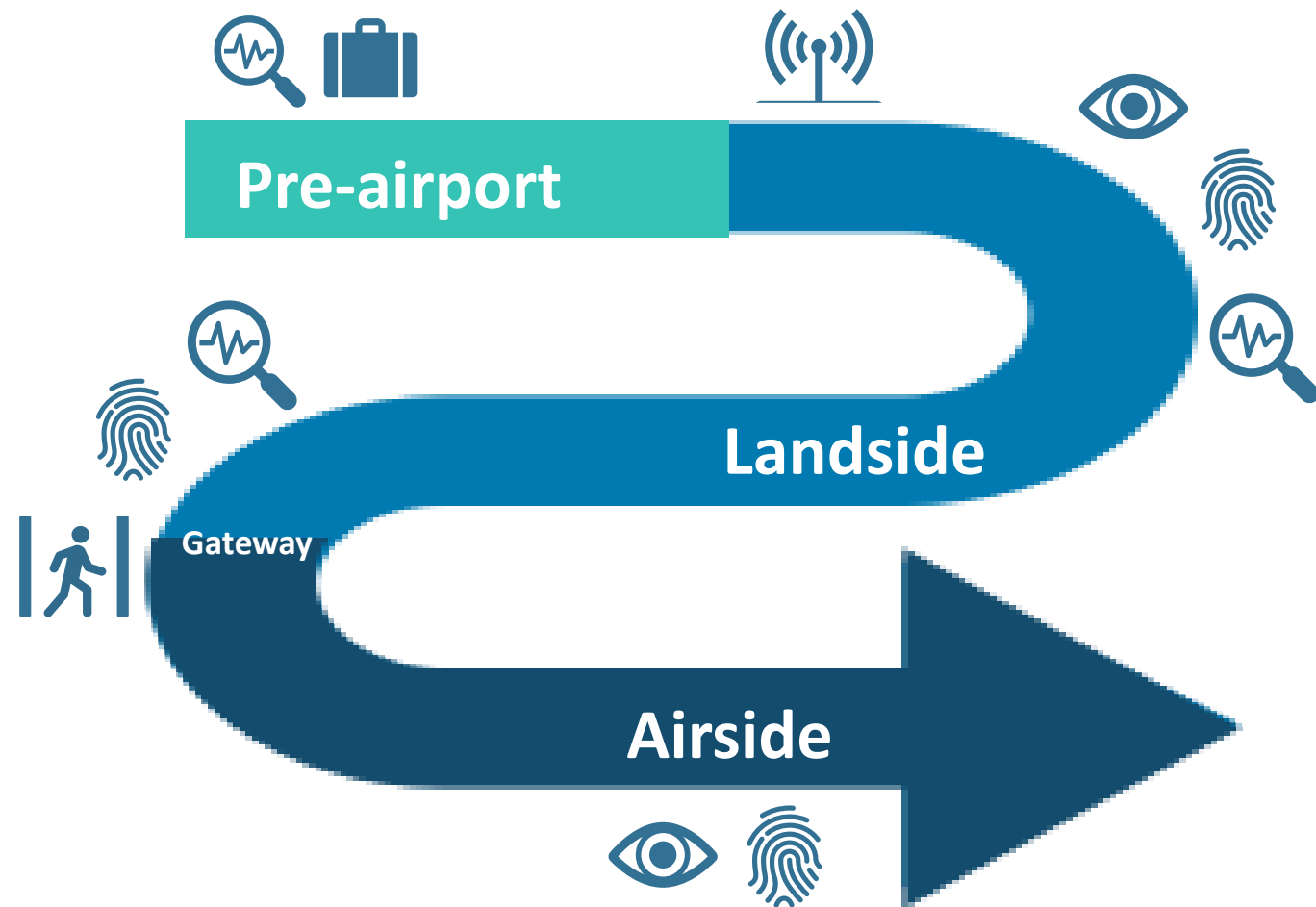
CCTV, predictive and behaviour analysis

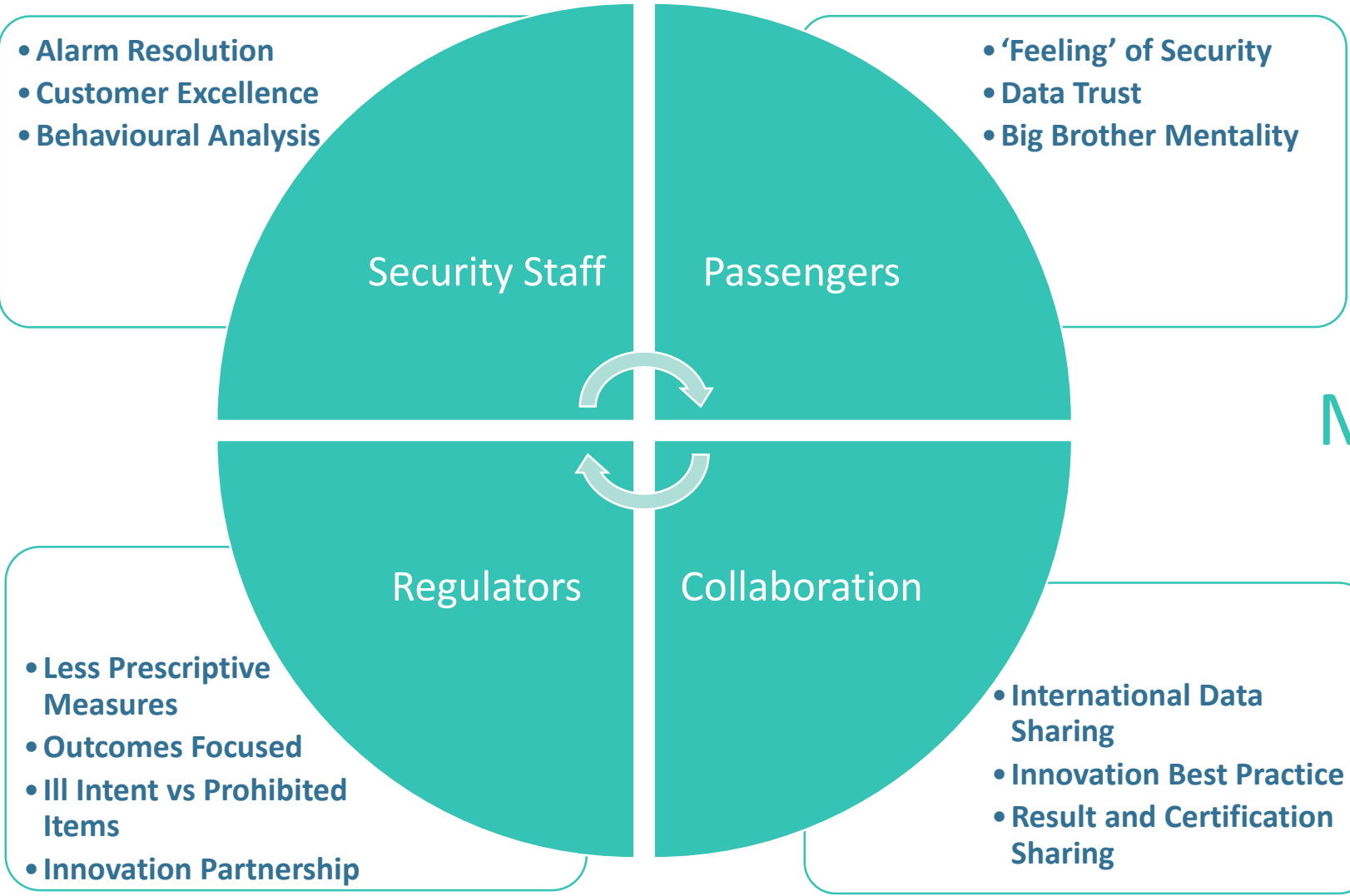


Biometrics and identity management



Advanced / automated detection of items





Managing Change

Work with us to deliver the future.

Share your thoughts at
smartsecurity@aci.aero

