

Virtual Centre touchdown

7 December 2022

1. Our context

- The European context

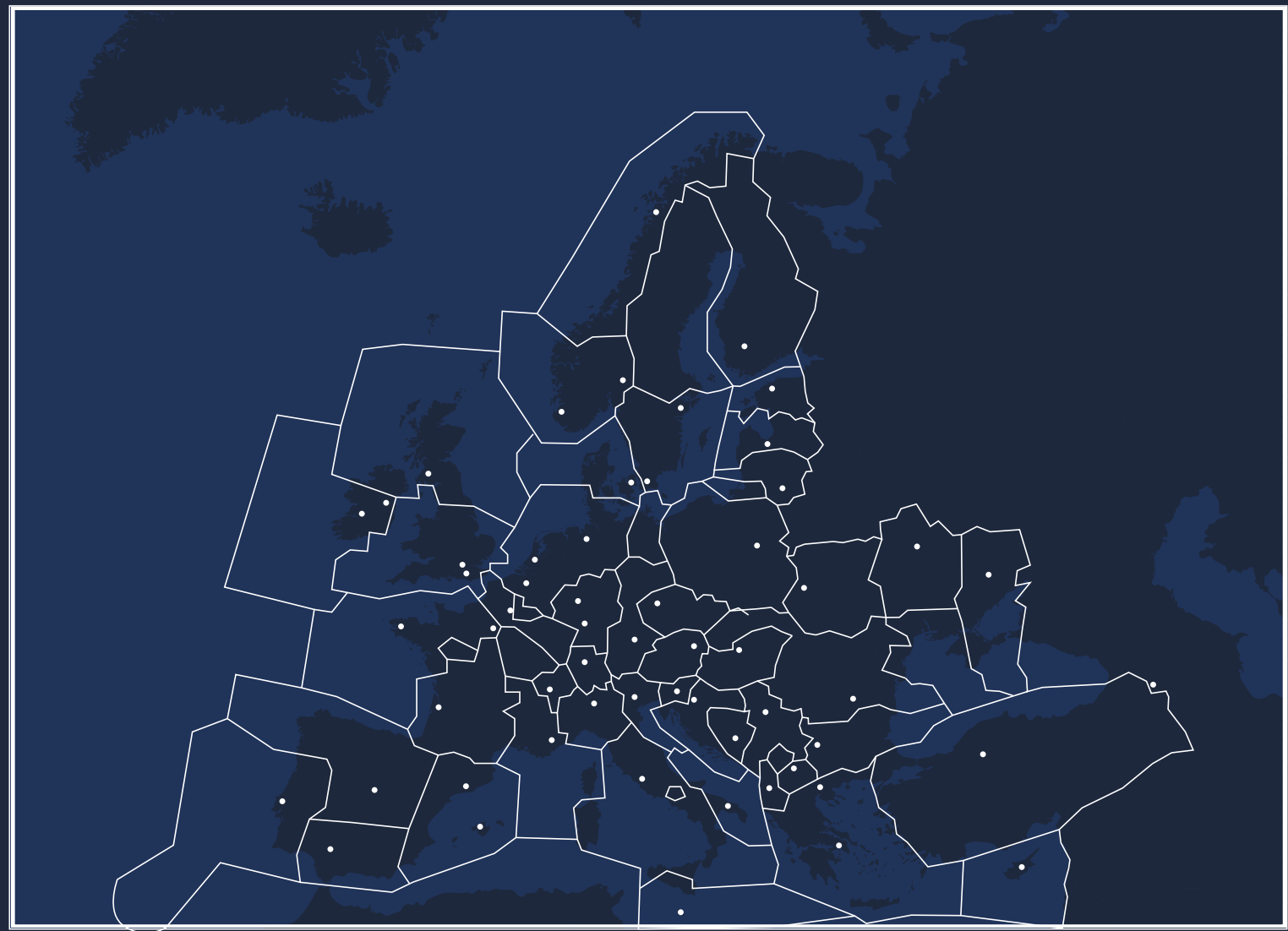
- The Swiss context

2. Virtual Centre (VC)

- What is the Virtual Centre?

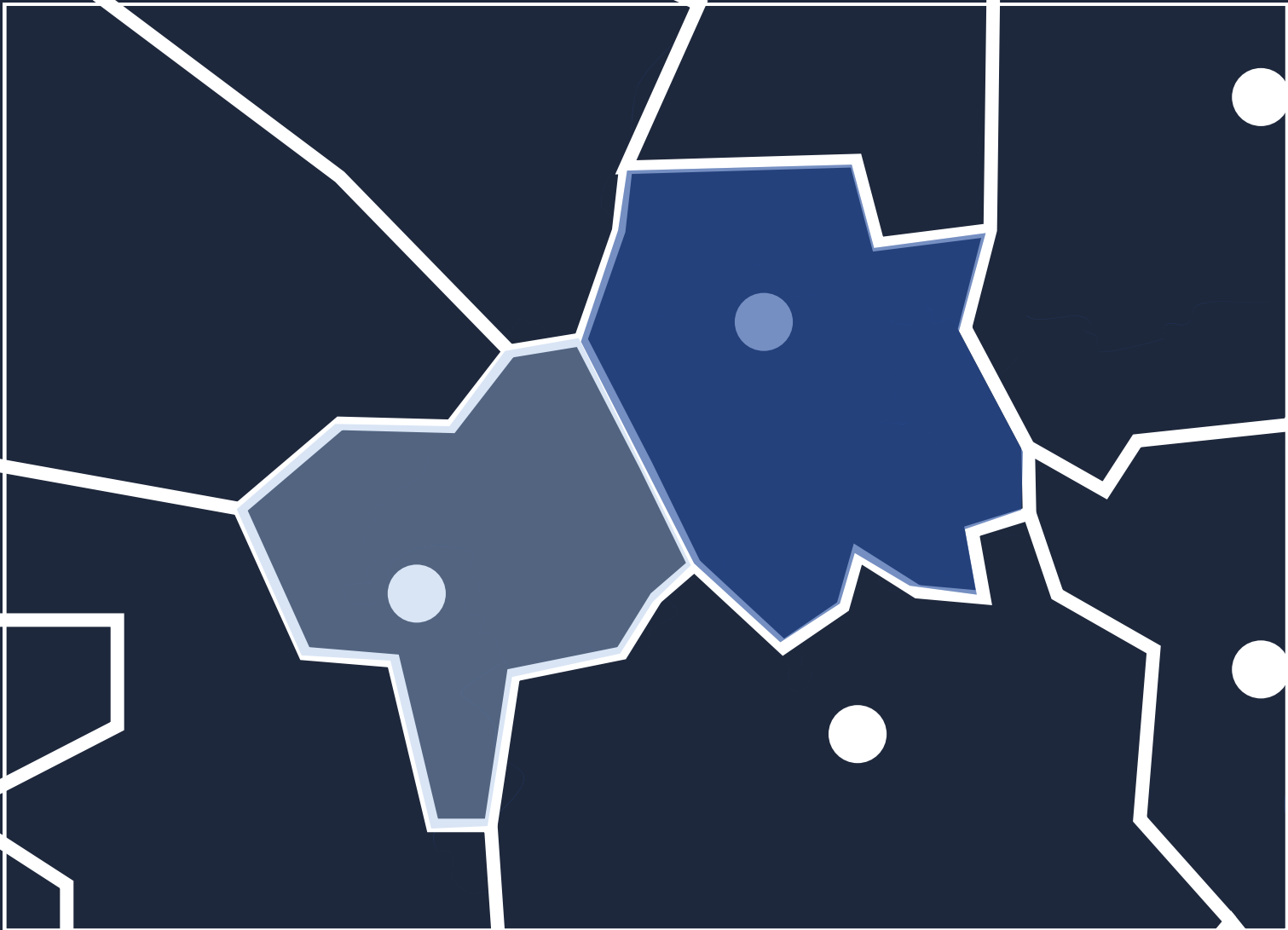
- Current focus areas

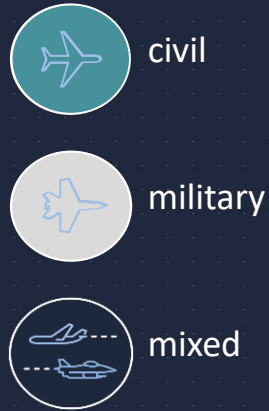
Our context



The situation in Switzerland is a reflection of the challenges at European level

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	ACC	Genf		Zürich		ACC			
20100m	FL660 →	L7		M7		← FL660	20100m		
11700m	FL385 →	L6		M6		← FL385	11700m		
11400m	FL375 →	L5		M5		← FL375	11400m		
10800m	FL355 →	L4		M4		← FL355	10800m		
10200m	FL335 →	L3		M3		← FL335	10200m		
9600m	FL315 →	L2		M2	M1	← FL315	9600m		
8700m	FL285 →	L1				← FL285	8700m		
7500m	FL245 →					← FL245	7500m		
		INN	INE	INS		W	N	E	S
		ARR	DEP			DEP	APPW	APPE	ARFA
			TWR				TWR		

Three major «G's»

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Growth rate for
air traffic until
2050



Green and digital
transformation

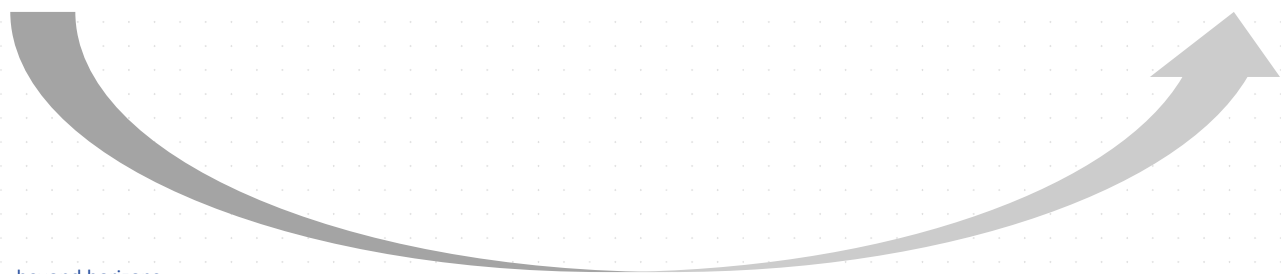
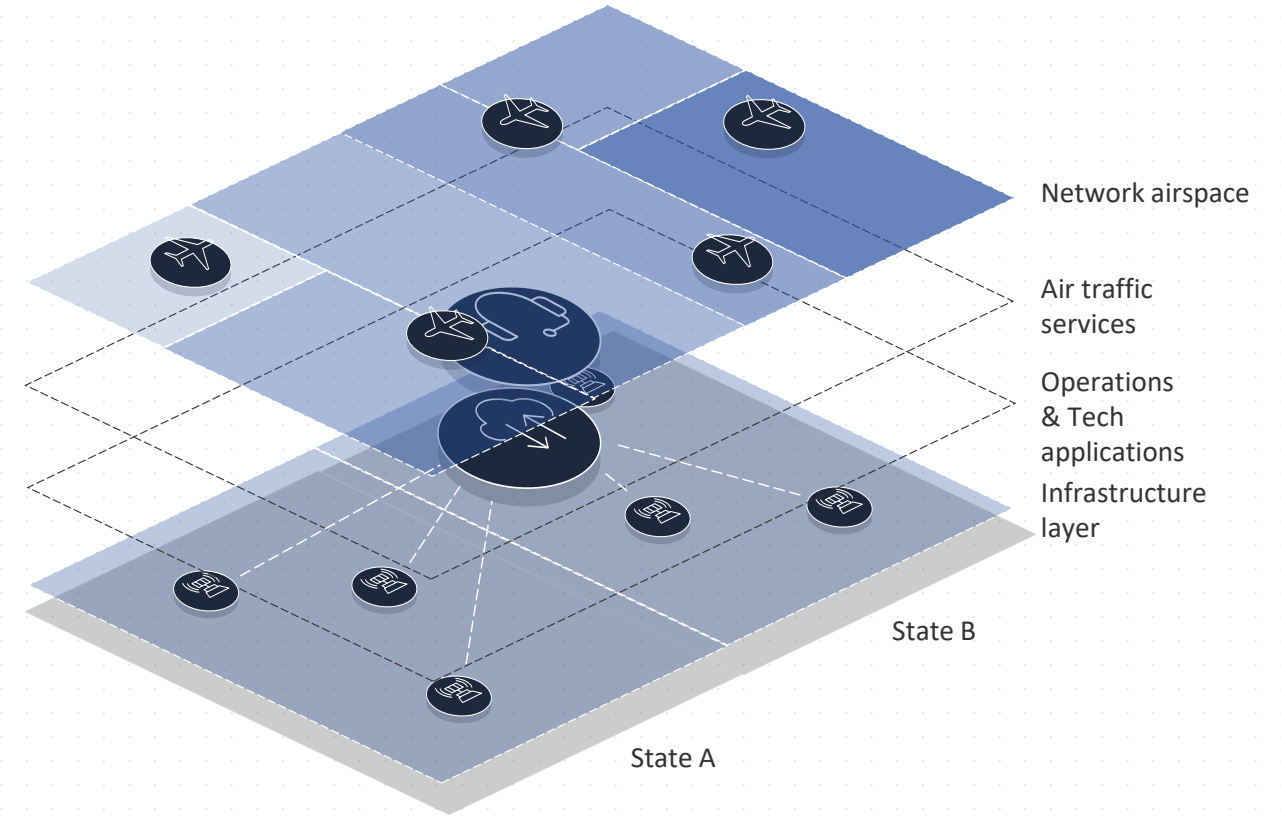
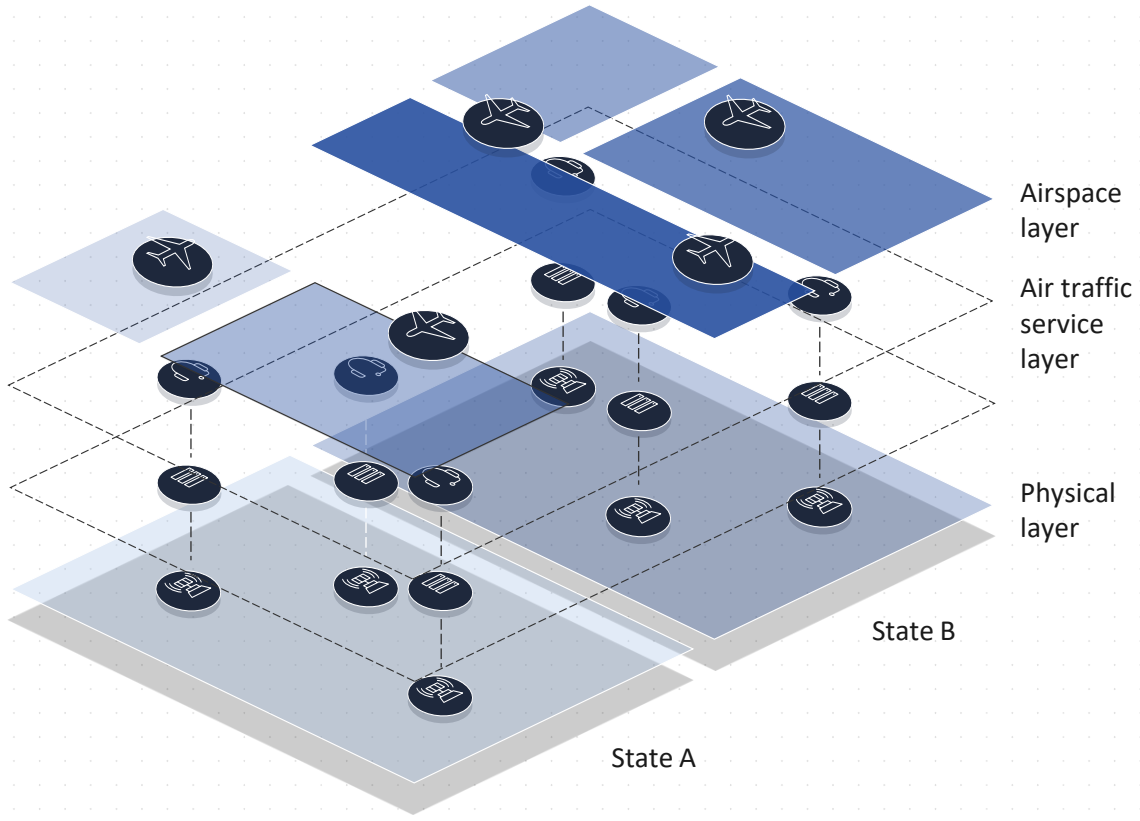


Governance and
regulation
of a monopolistic
sector

What is the Virtual Centre (VC)?

From geographically focused to horizontal service infrastructure

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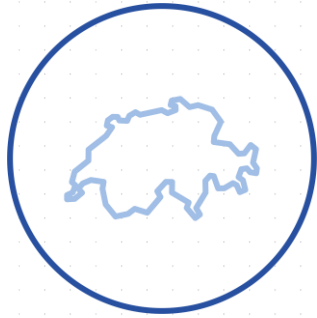


VC touchdown

Focus areas

VC touchdown benefits: improved operations to cope with increasing traffic demand and customer needs while ensuring service quality

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One Swiss-wide flexible airspace



Improved Air Traffic Flow and Capacity Management (ATFCM)



Advanced Decision Support Tools and Increased Automation

Thank you

Appendix

What has happened so far?

The Virtual Centre already provides and will continue to provide benefits

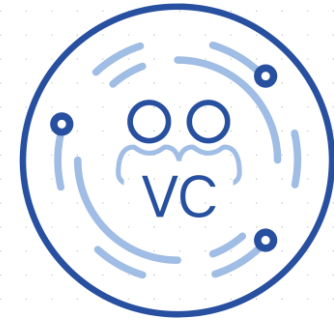
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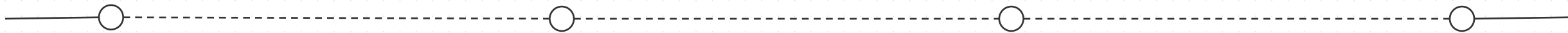
VCT1



VCT2



VC touchdown



2014

2016-2017

2021-2022

2027

Setting the scene

Creating the foundations

Harvesting operational benefits

VC strategic objectives align and focus the whole organisation towards the same outcome

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Customer Value
Efficient and flexible



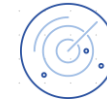
Safety
Safe and proactive



Environment
Conscious and respectful



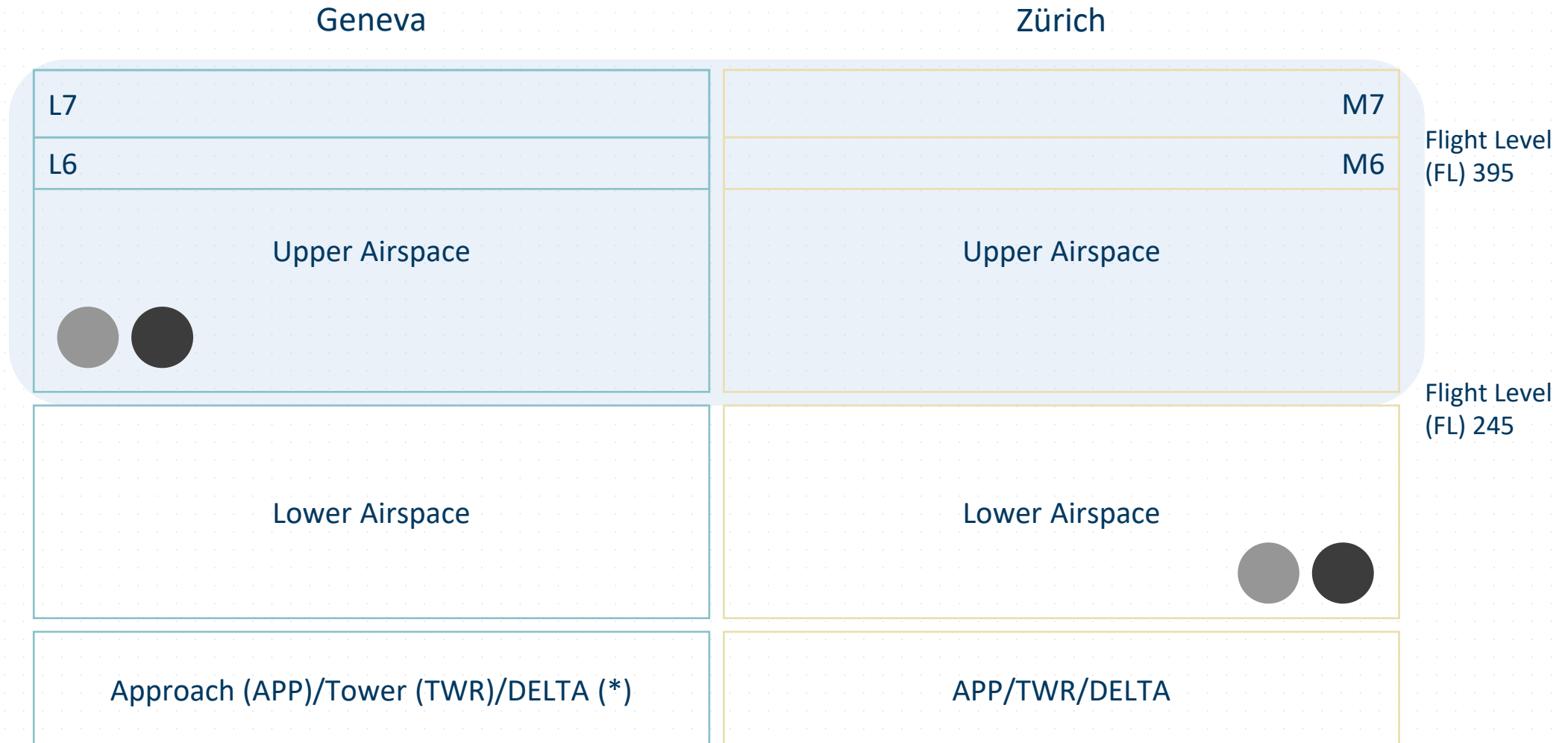
People
Motivated and proficient



Modern tech architecture
Harmonised and modular

1. 20% operational productivity improvement
2. En-route delay per flight \leq Performance Plan target
3. Reduced likelihood of clearance hazards
4. Improved en-route flight efficiency
5. 80% of our people appreciate working Swiss-wide
6. 10 MCHF annual savings from our new technology landscape

Concept of operations outlines operational environment for frontline colleagues



Air Traffic Planner



and Executive



co-located per sector