

2025

ACI-NA & ACI World Annual General Assembly, Conference and Exhibition



Back to the Future: Reemergent Airport Capacity Challenges

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Back to the Future: Reemergent Airport Capacity Challenges: Airline and Airspace Perspectives

Lee Brown

Manager-Strategic Airspace Programs

JetBlue Airways

4:15-5:00 PM | October 25, 2025 | Toronto, ON

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Back to the Future: Reemergent Airport Capacity Challenges: The Role of Optimization in Unlocking Latent Capacity

Chad Leqve

Vice President of Strategy

Copenhagen Optimization

4:15-5:00 PM | October 25, 2025 | Toronto, ON



Growth without Expansion

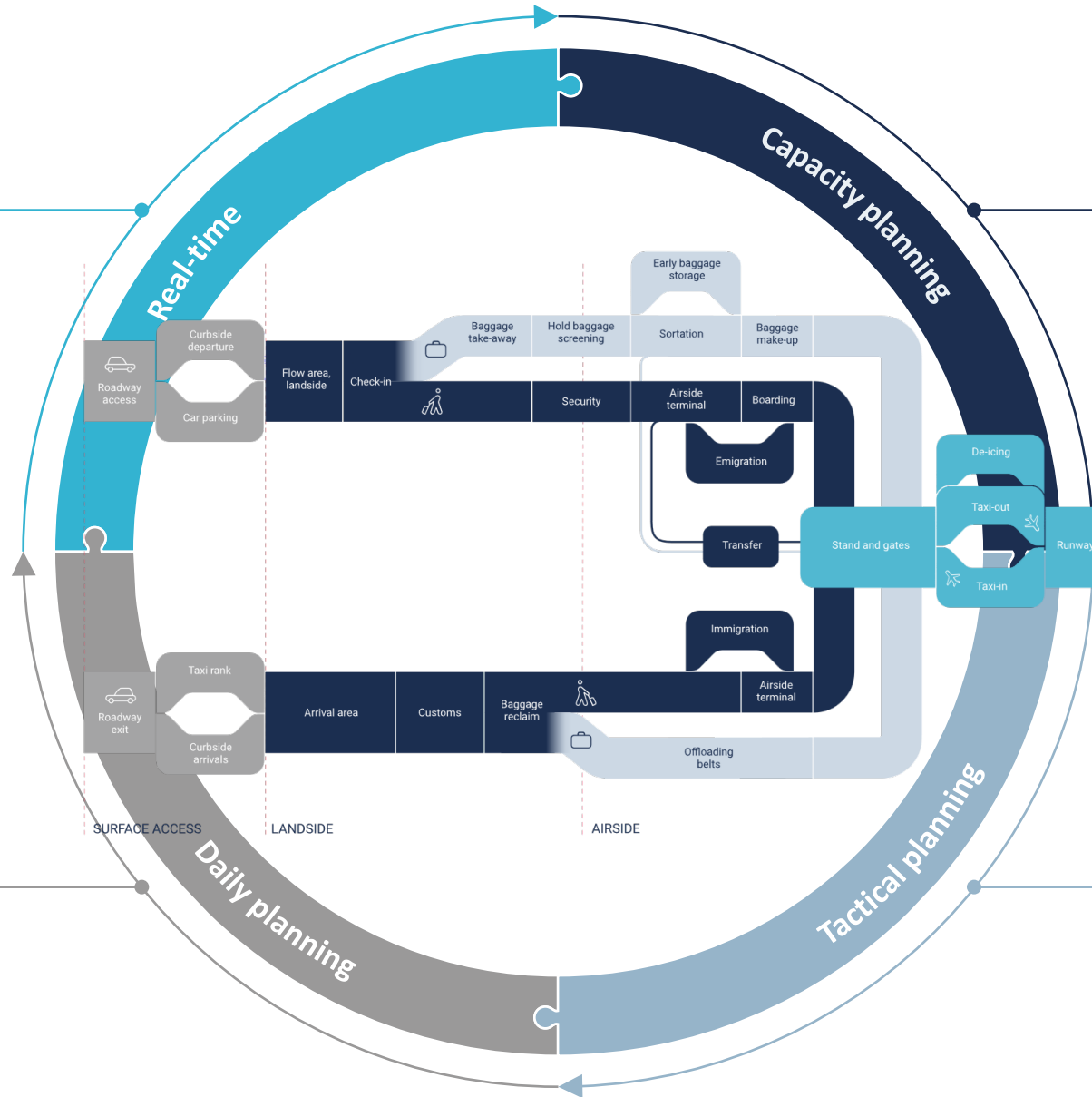
- Optimization should be treated as a critical first step – a cost effective and fast-moving tactic complimenting long-term expansion.
- Optimization = strategic accelerant providing immediate relief that extends life of existing facilities and supports better-informed capital planning.
- Sustainable practice
- Operational data, planning/analytics and systems have become central artifacts of the airport operations mission.



24 hours before day of operation to now

9+ months before day of operation

- Wholistic planning across all forecast horizons based on single source of truth
- Breaking down silos inside and outside the organization – potential to elevate entire operating ecosystem
- Integration – support use of the best tool for the job



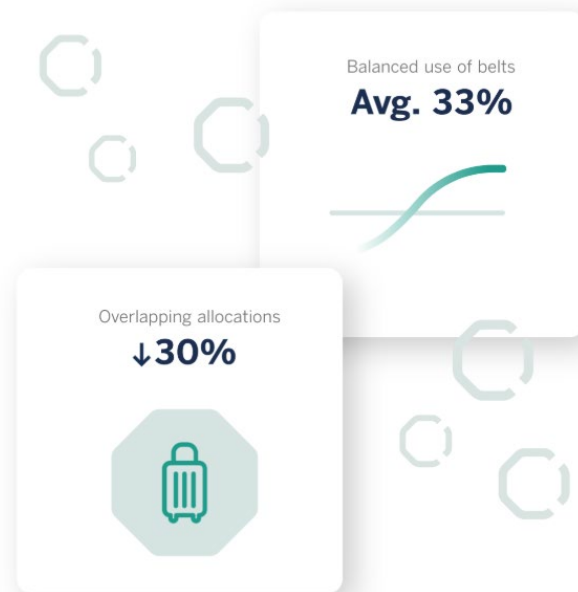
1 day to 30 days before day of operation

1 – 9 months before day of operation



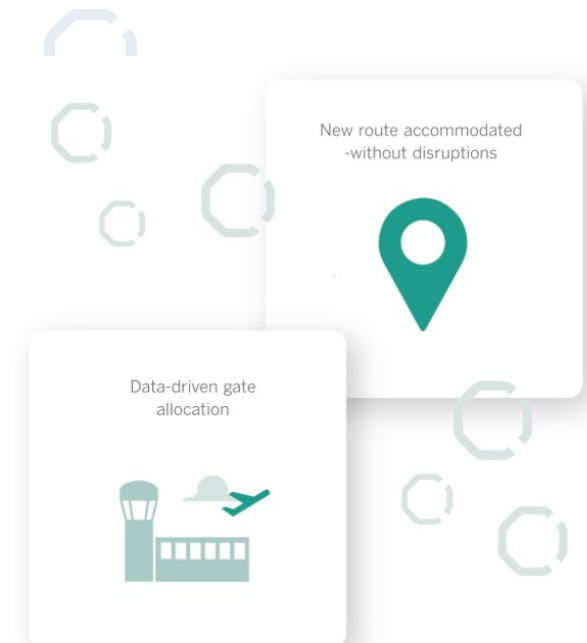
Optimizing Baggage Belt Use Unlocks Hidden Capacity

- **Smarter Allocation, Smoother Flow:** New planning solution delivered **real-time visibility and automated planning**, replacing manual, list-based systems.
- **Optimized Performance:** **Data-driven belt utilization** reduced congestion, improved passenger experience, and maximized existing capacity.
- **Future-Ready Operations:** Data-driven automation cut manual workload, enabling DEN to handle **growing international traffic with existing infrastructure**.



Data-Driven Operational Planning Taps Latent Gate Capacity for New Service

- **Data-Driven Confidence:** A new planning approach at MSP simulated **complex stand and gate scenarios** to validate the preferred terminal for new international service.
- **Faster, Smarter Decisions:** In just **three weeks**, data revealed a viable solution—avoiding disruption and minimizing towing impacts.
- **Stronger Collaboration, Future-Ready:** The project built **trust with airlines** and laid the groundwork for **independent, data-backed gate accommodation** at MSP.



Conclusion

In today's environment enabling optimization strategically and tactically within operations is an imperative.



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Back to the Future: Reemergent Airport Capacity Challenges: What's Going on Off Airport Can Constrain You

Bob Ori
Principal
Planning Technology, Inc.

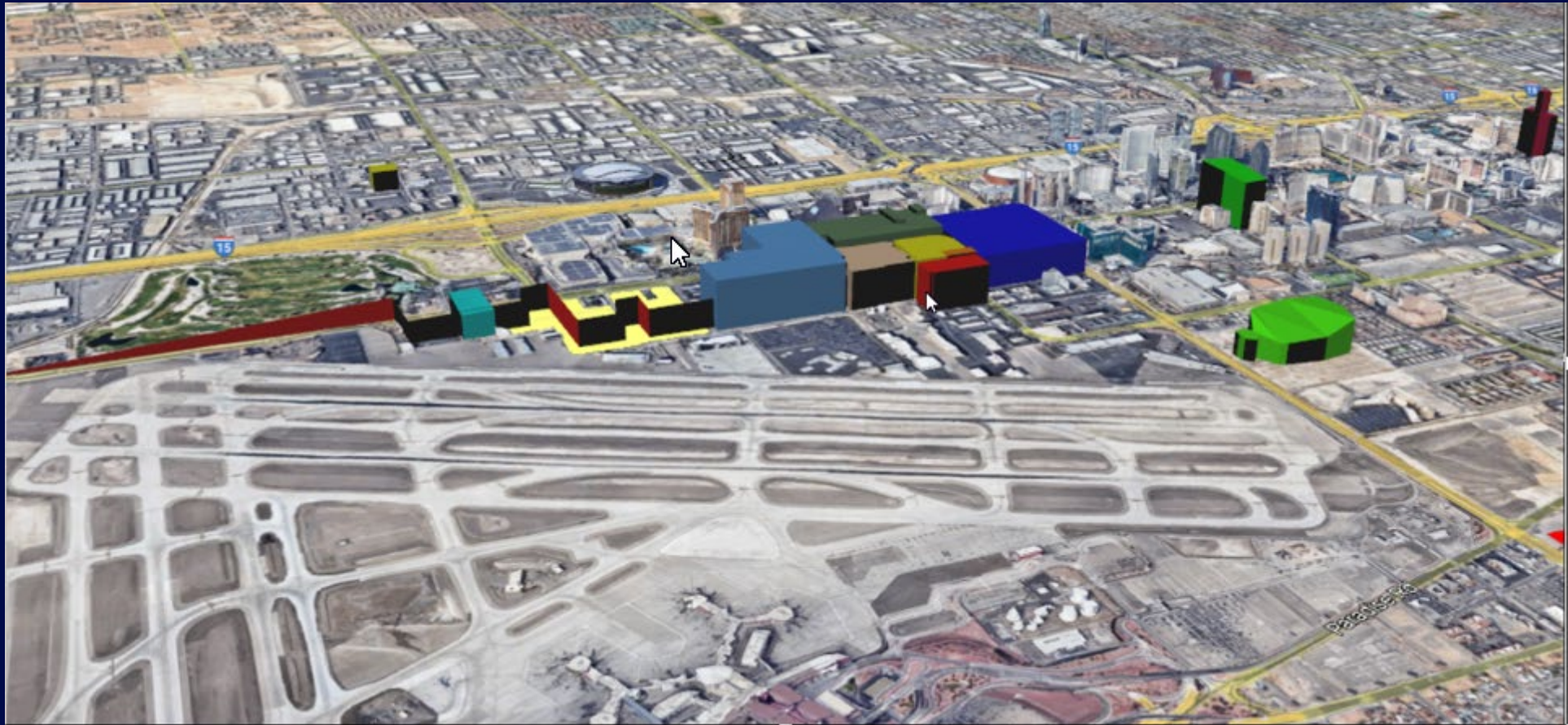
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Issues in 2025

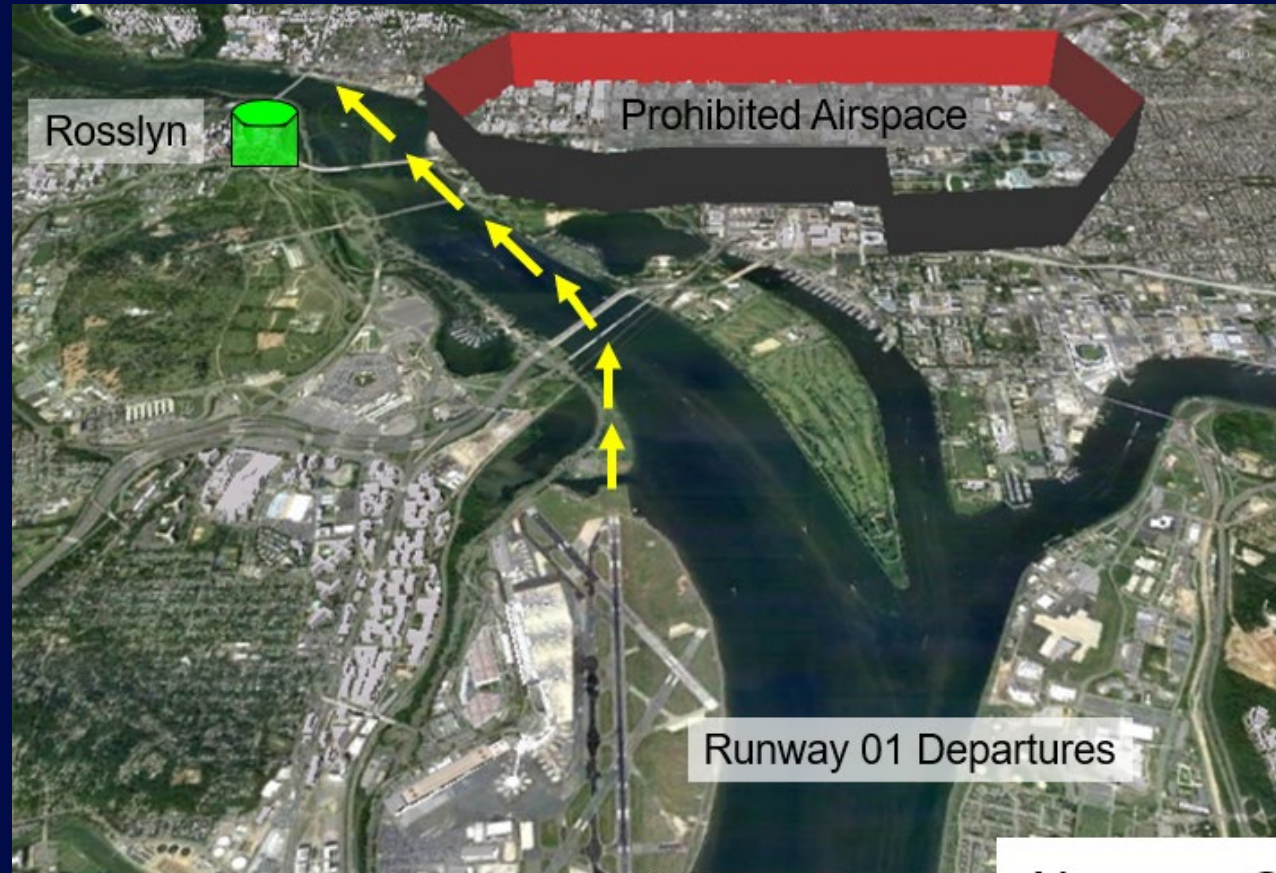
- Obstruction Data Collection Process and Use
- FAA 7460-2 Process??
- Modernization of OE/AAA Process and Program
 - Derived Point Analysis
- OEI in the OEG Process
- Low Close in Objects
- Temporary Objects Not being Circulated
- AC 150/5300-18D Re-Write
- Development Around Airports Increasing
- FAA Staff Experience Eroding
- FAA Lines of Business Cooperation

Cumulative Impact - LAS

→ TERPS wall



Obstruction Evaluation (OE) Staff Analysis Runway 01 Departures



Obstruction Evaluation (OE) Staff Analysis Preferred OEI Corridor



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