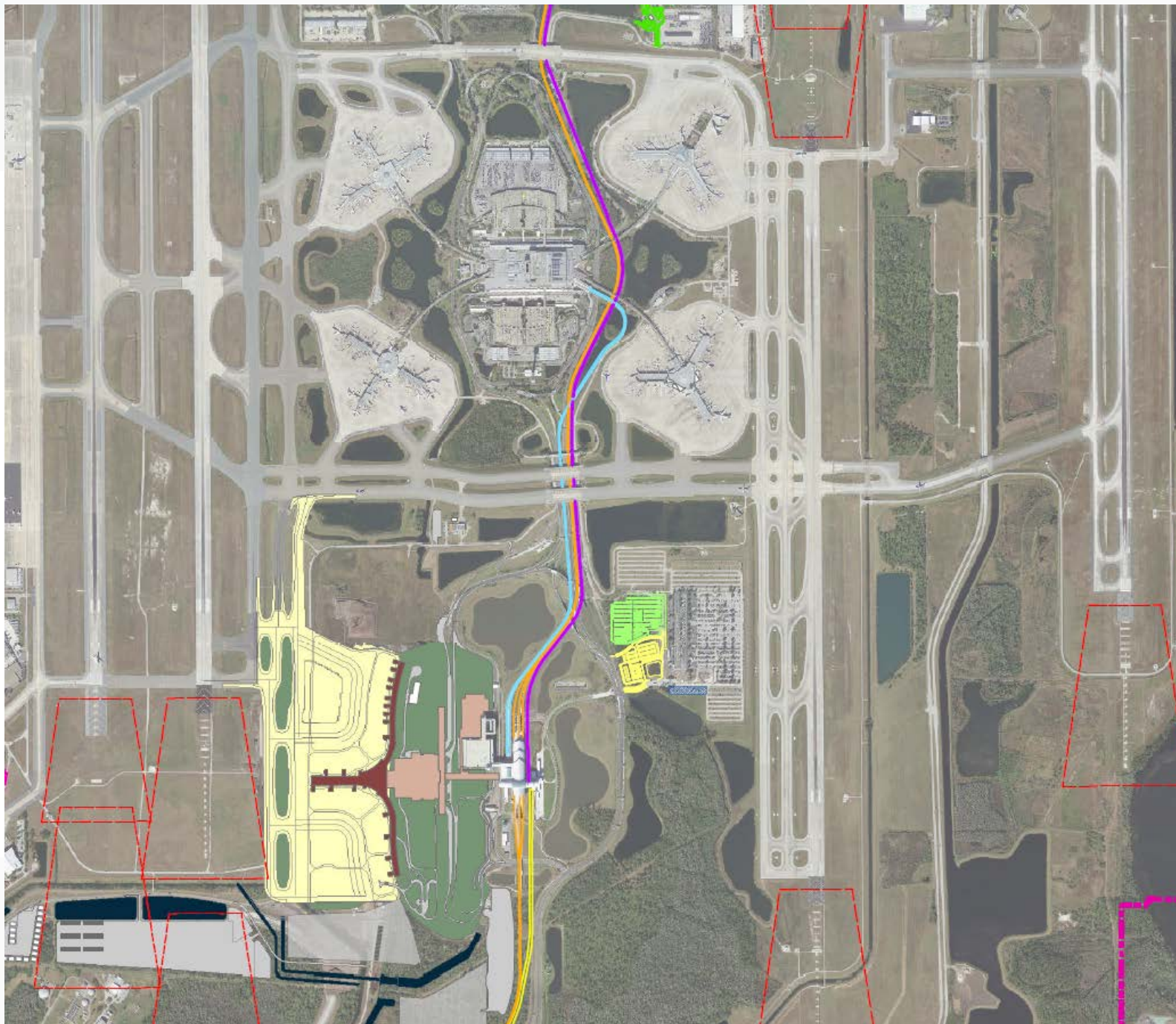




# South Terminal Complex (STC) Program

John Newsome  
Chief Information Officer



Date \_\_\_\_\_



# South Automated People Mover / Intermodal Terminal Facility







Orlando International Airport  
South Airport Terminal C - Phase 1



08-21-19

Date



# TECHNOLOGY OBJECTIVES

- ▶ Optimum use of limited resources (e.g., passenger and baggage check-in facilities, checkpoints, hold room and boarding gate facilities)
- ▶ Operations process improvements (e.g., increased processing rates, optimum resource management, virtual ramp control, and visual guidance and docking)
- ▶ Outstanding customer services (e.g., ease, speed, comfort and safety of each traveler's passage thru the airport). "The Orlando Experience"

# STC TEAM STRUCTURE

- ▶ The Authority structured the STC team to include a design architect, an architect of record, and two CMARs, one for the Landside Terminal and one for the Airside Terminal.
- ▶ The Authority included a technology contractor in the team structure with a direct-report relationship with the Authority (PEC and IT) and a peer relationship with the design architect.
- ▶ The technology contractor has responsibilities for coordination with the architect of record for structural, civil, mechanical, electrical requirements.
- ▶ The responsibilities of these parties are defined in matrix form for all IT elements.
- ▶ The CMARs responsibilities related to technologies are incorporated into their contracts via Guaranteed Maximum Price (GMP) as the technologies are defined.

# ACQUISITION

- ▶ Competitions for critical new technologies are conducted in compliance with policies and procedures for selection based on best value.
- ▶ Components for technologies that are used in the North Terminal Complex (NTC) are procured in compliance with procurement policies and procedures.

# EXAMPLES



# BRANDING AND “INFOTAINMENT” - FULL-MOTION VIDEO WALLS



### DEPARTURES

DESTINATION	FLIGHT	GATE	TIME
Seattle SEA	2315	A01	12:30 pm
New York JFK	4012	B15	2:15 pm
Orlando MCO	3569	C07	10:00 am
Rancho Santa Margarita	3569	C07	10:00 am

## Copa Airlines



A STAR ALLIANCE MEMBER 



Cabina Principal  
Main Cabin  
STAR ALLIANCE ID

SELF SERVICE  
CHECK-IN  
STAR ALLIANCE ID

Web Check-In  
STAR ALLIANCE ID

Web Check-In  
STAR ALLIANCE ID

PreferAccess  
STAR ALLIANCE ID / GOLD

PreferAccess  
STAR ALLIANCE ID / GOLD

# WAYFINDING - FULL-MOTION VIDEO PANELS





## COMMON USE - BIOMETRIC E-GATES





## MULTI-MEDIA EXPERIENCES - WINDOWS ON ORLANDO





# MULTI-MEDIA EXPERIENCES - MOMENT VAULT



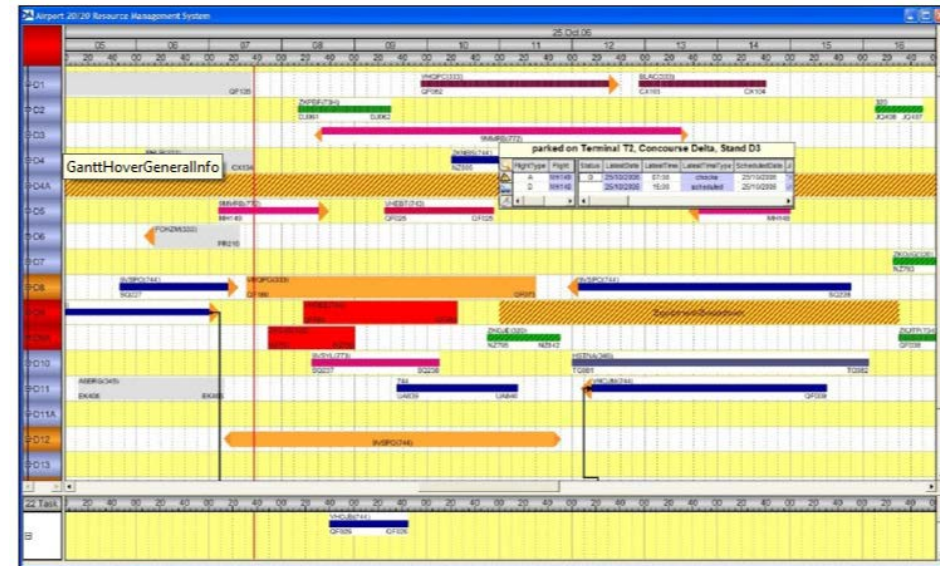
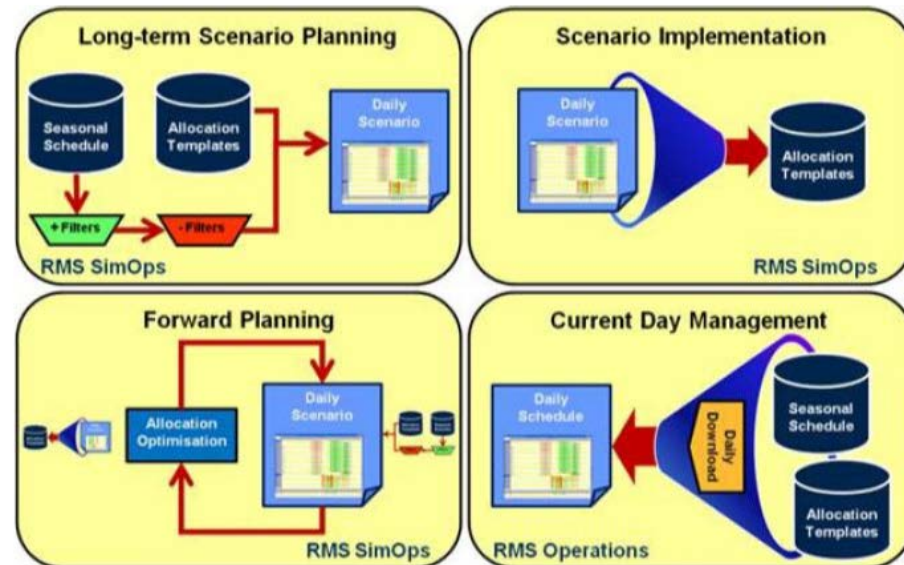


# VIRTUAL RAMP CONTROL





# RESOURCE MANAGEMENT SYSTEM (RMS)



# BAGGAGE HANDLING SYSTEM

