

## **SYMPHONY GATEVUE™**

### **Dynamic Gate Management Solution**

Optimizing gate and ramp assignments during peak hours and irregular operations.

#### **WHAT IS GATEVUE?**

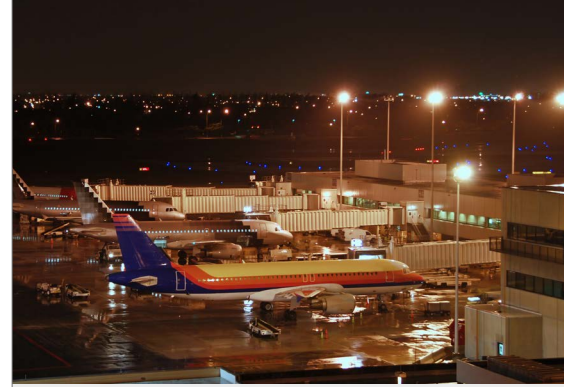
GateVue optimizes gate and airport surface area use, improving efficiency and reducing airport congestion. It maximizes the number of flights that can be serviced during peak hours and reduces impacts of irregular operations including cancellations and delays.

GateVue is powered by a NextGen data feed, a fusion of FAA flight and surveillance information used to support mission-critical airport and air traffic applications. The feed ensures users are provided with the best information possible such as live schedule changes for both arriving and departing flights.

GateVue's management system applies to airport specific business and airside operations rules so gate scheduling can happen efficiently. This allows customized preferences at each gate to ensure safe and efficient operations.

#### **USER-FRIENDLY AND VERSATILE**

GateVue's intuitive interface simplifies user interactions and provides multiple views for better gate management. It automates operations and provides same-day reporting for versatility and expediency. With drag and drop functionality, the system can be adjusted with ease.



## **Reduces Congestion And Increases Operational Efficiency**

#### **BENEFITS**

- > Enhances situational awareness through innovative Human Machine Interface (HMI) with georeferenced interconnected views
- > Improves gate use through dynamic, event-driven optimization algorithm
- > Reduces operator workload by up to 80%
- > Supports Surface Collaborative Decision Making (S-CDM) by keeping flights at the gate during airside congestion



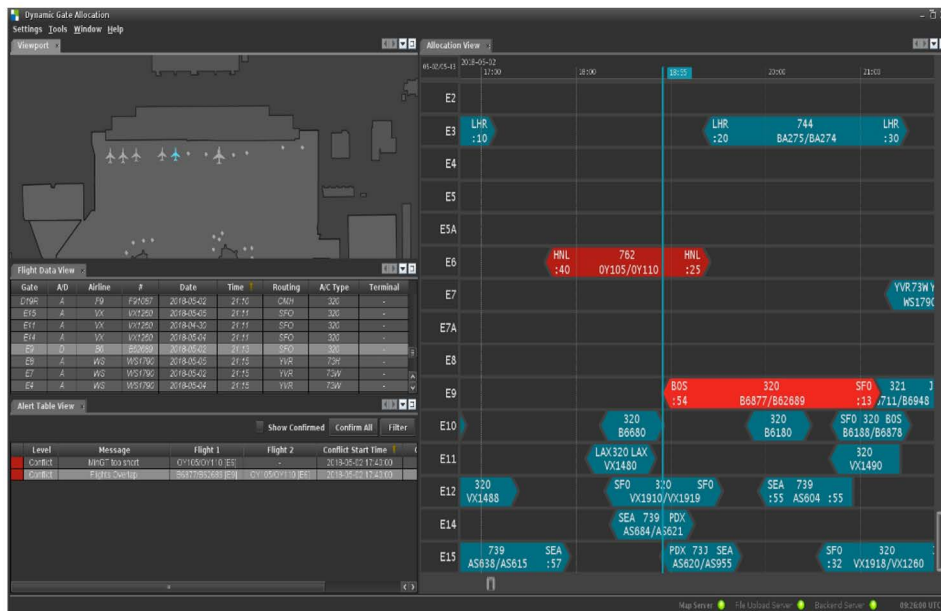
## SEAMLESS STRATEGIC & TACTICAL GATE PLANNING



GateVue uses NextGen Data and Out Off On In (OOOI) times for dynamic gate planning. It also provides alerts for potential conflicts, reduces delays, and resolves issues before aircraft land.

The GateVue user interface includes:

- > Geo-referenced Airport View displays gate occupancy on an airport map.
- > Time-referenced Allocation View displays gate occupancy in a Gantt-Chart.
- > Flight Data View provides supplemental flight and gate information at one glance.
- > Alert View provides prompts for actions needing resolution.



Above: GateVue interface.

## FEATURES

- > Scientific optimization: algorithms balance the need for fast dynamic daily allocation with robust seasonal gate planning
- > Conflict detection: automated conflict detection and alert generation
- > One platform: a single HMI for daily allocation and seasonal planning
- > Extension packages: multiple views and additional value tools available
- > Configuration: intuitive, configurable and adjustable business rules
- > Modular concept: integrates into L3Harris' Symphony portfolio, enables functional extensions to support every stakeholder

### Symphony GateVue

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