

Is space optimization at the gate a priority in your projects?



PATHPLANNER
GATE Series

Developed by airport planners, for airport planners

PathPlanner Gate Series

The optimal tool for airport gate and stand planning

Unsure if a lead-in line is optimized efficiently? Looking to make more effective use of space with a Multiple Aircraft Ramp System (MARS)? Planning a completely new gate or stand? The PathPlanner Gate Series, the complete CAD-based gate and stand design solution, assists with all these tasks, plus more.

Developed with efficiency in mind, the products in the PathPlanner Gate Series, PathPlanner Gate and PathPlanner Gate+, are designed to guide users through the gate planning process right from specifying apron characteristics and selecting a boarding bridge through to selecting aircraft. Once defined, with just a few clicks a gate or stand can be optimized, all with the peace of mind that what happens when using PathPlanner Gate or PathPlanner Gate+ can be mirrored in reality.

- Logical, step-by-step workflow processes
- Extensive aircraft, service vehicle and bridge libraries
- Realistic 3D airplane models (PathPlanner Gate+ only)
- Object Proximity Detection for conflict warnings (PathPlanner Gate+ only)
- Comprehensive reporting capabilities

Compatible with AutoCAD® (not LT), MicroStation® (including PowerDraft®), BricsCAD® and GstarCAD®.



CONTACT: WWW.SIMTRA.COM | INFO@SIMTRA.COM | INFO-AMERICAS@SIMTRA.COM



PathPlanner Gate

Core functionality for detailed gate and stand planning

OBJECT LIBRARY

- 500+ commercial and military airplanes and helicopters
- 1300+ Passenger Boarding Bridge variants
- Vehicle and Passenger Boarding Bridge creation wizards

GATE AND REMOTE STAND PLANNING

- Design 2D gates or remote parking positions
- Define and adjust bridge limits, e.g. operational limits, slope
- Place individual or multiple airplanes at desired position
- Define and/or reposition stop bars, incl. associated airplanes
- Dynamically reposition airplane(s) to monitor, e.g. bridge slope
- View real-time results, including warning indications
- Display airplane service connections and vehicle arrangements

CONTROL AND REPORTING

- Flexibly control all property elements, e.g. layers, colors, fills
- Display individual or merged safety clearance box
- Create detailed reports including graphical details



PathPlanner Gate+

All core functionality above, plus advanced tools and 3D

OBJECT LIBRARY

- 150+ presentation-quality 3D airplanes
- 275+ airport-specific vehicles
- Design airplanes for each FAA and ICAO group
- Predefined tractor-airplane combinations

GATE AND REMOTE STAND PLANNING

- Create MARS stands with multiple bridges/lead-in lines
- Include fixed installations, e.g. fuel hydrant pits, 400 Hz
- Optimize airplane positioning based on, e.g. bridge slope
- Analyze multiple scenarios, e.g. existing vs. proposed new

AIRSIDE PLANNING

- Create detailed nose-gear and cockpit markings
- Avoid repetition using 'Design Tasks' for, e.g. lead-in/pushback

OBJECT PROXIMITY DETECTION

- Receive proximity alerts, e.g. bridge proximity to wing
- View numerical data relating to analysis area

ANIMATION AND PRESENTATION

- Create presentations incl. individual or multiple simulations
- Sequence airplane, vehicle and boarding bridge movements
- Follow a moving object or pan between camera positions
- Record presentations to AVI for playback



OUR PARTNERS:

