

How close to reality do you want to get?



Launching the Next Generation



PATHPLANNER

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 model 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 (PathPlanner Gate+ only)
- Comprehensive reporting capabilities

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



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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 alerts when a near-miss/collision occurs
- Bridge to wing and/or bridge to motor

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



Detailed product overview available separately

OUR PARTNERS:

