

How close to reality do you want to get airside?



PATHPLANNER AIRSIDE Series

Developed by airport planners, for airport planners

PathPlanner Airside Series

The ultimate airside planning, design and operations solution

Come as close to reality as your CAD platform will allow with the PathPlanner Airside Series, the ultimate in airside planning, design and operations software. The PathPlanner Airside Series' two versions, PathPlanner Airside and PathPlanner Airside+, incorporate a comprehensive airside design toolset that is unrivalled.

Perfect for simulating airplane movements on aprons or taxiways, designing complex gates and assessing stand clearances, analyzing jet blast impacts and more, the PathPlanner Airside Series allows engineers to efficiently and accurately undertake all aspects of airside planning.

- User-friendly interfaces, suitable for all experience levels
- Comprehensive aircraft, airport vehicle and bridge libraries
- Realistic 3D airplane models (PathPlanner Airside+ only)
- Flexible session, property and layer handling
- Design Tasks to limit repetition (PathPlanner Airside+ only)
- Logical, clear workflow processes throughout
- Object Proximity Detection for conflict warnings (PathPlanner Airside+ only)

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



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



PathPlanner Airside

Core functionality for a wide range of airside planning tasks

OBJECT LIBRARY

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

AIRCRAFT AND VEHICLE PATH SIMULATION

- Simulate complex 2D maneuvers, e.g. push backs
- Follow existing ground markings and drawing geometry
- Animate maneuver simulations directly in CAD

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
- Dynamically reposition airplane(s) to monitor, e.g. bridge slope

AIRSIDE PLANNING

- Display jet blast contours and impact surfaces
- Display airplane service connections and vehicle arrangements

CONTROL AND REPORTING

- Flexibly control all property elements, e.g. layers, colors, fills
- Create detailed reports including graphical details



PathPlanner Airside+

All core functionality above, plus advanced tools and 3D

OBJECT LIBRARY

- 150+ presentation-quality 3D airplanes
- Airport-specific vehicles and tractor-airplane combinations
- FAA and ICAO design airplanes

AIRCRAFT AND VEHICLE SIMULATION

- Simulate complex 3D maneuvers, e.g. push backs
- Connect to existing objects with 'SmartTarget'

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', e.g. fillet design

OBJECT PROXIMITY DETECTION

- Receive alerts when a near-miss/collision occurs
- 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:

