ASCENT
TECHNOLOGY, INC.

ARIS/GateView® real-time display

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Display a dynamic, up-to-the minute view of past, current, and future stand operations

The ARIS/GateView real-time display is your window into your stand operations. A dynamic, up-to-the-minute view of your past, current, and future stand operations, the ARIS/GateView real-time display relies on information stored in the ARIS/SmartBase® database, the secure central database and knowledge repository for the SmartAirline Operations Center™ solution and the SmartAirline Operations Center™ solution. Typically, you use the ARIS/GateView real-time display with the ARIS/GM® gate manager, the ARIS/SB® schedule builder, and data feeds from external systems integrated via the ARIS/SmartBus® communication middleware.

With the ARIS/GateView real-time display, you can:

- View past, current, and future stand operations at the airport in an intuitive bar-chart format
- View dynamic information about flights, flight status, aircraft types, stand assignments, tows, inoperative stands, passenger counts, and flight remarks provided by the ARIS/GM gate manager and the ARIS/SmartBase database
- Set display preferences so you view information the way you want to view it and when you want to view it
- Set information filters so you view only the information you want to see
- View a history of recent changes to flights and inoperative stands
- View, enter, and modify flight remarks that are visible to other users of the ARIS/GateView real-time display and to users of the ARIS/GM gate manager and the ARIS/SB schedule builder
- Change the estimated IN times and OUT times of flights
- View web pages related to airport and airline operations
- Create and print custom hardcopies of the GateChart

The ARIS/GateView real-time display represents stand operations in an intuitive bar-chart format, called the GateChart. The GateChart displays dates and times across the top of the grid, with past times appearing in columns on the left and future times appearing in columns on the right. It displays terminals and stands down the left side of the grid. The colorful horizontal bars that fill the rows of the grid represent flights assigned to stands during particular time periods. You scroll back and forth across the GateChart to view past, current, and future operations at the stands. You scroll up and down the GateChart to view more stands.

The ARIS/GateView real-time display refreshes information displayed in the GateChart automatically, so the information you view is always current. You can customize the information displayed in your version of the GateChart, so you see the information you need the way you want to see it.

The ARIS/GateView real-time display improves collaborative decision-making and overall organizational effectiveness by displaying timely, accurate information about your stand operations to people throughout your organization. Because you can filter the information displayed, the ARIS/GateView real-time display can provide comprehensive stand-operations information internally and subsets of the same information for external public information displays.

Representative features

High-level operations status available at a glance. The ARIS/GateView real-time display provides an intuitive, easy-to-use graphical interface that displays high-level, up-to-the-minute status information in a bar-chart format automatically, without user interaction, on large wall-mounted information displays, PCs, and mobile devices.

Detailed operations information available on demand. The ARIS/GateView real-time display provides detailed information about flights, flight status, and ground operations when you scroll through the GateChart and when you position your pointer over flight bars. You can view detailed information quickly, without entering commands.

Up-to-the-minute view of operations. The ARIS/GateView real-time display automatically updates information periodically and at intervals you choose. You always have immediate access to timely information about flights, flight status, aircraft types, stand assignments, tows, inoperative stands, passenger counts, and flight remarks.

Visual alerts signal status changes and problems. The ARIS/GateView real-time display uses color, icons, and graphical devices to alert you to changes involving flights, flight status, and ground operations. Easily recognizable visual devices communicate important information in noisy environments.

Ability to change estimated IN times and OUT times. The ARIS/GateView real-time display enables you to change estimated IN times and OUT times by dragging the ends of flight bars to new positions in the GateChart.

Ability to filter the information displayed. You can choose the stands displayed in the GateChart and the order in which they appear.

Ability to view flight-related web pages. When you select a flight bar, you can view additional information, such as your organization's web-based information related to the particular flight and weather information.

Ability to view standard reports and to create custom reports that display information stored in the ARIS/SmartBase database. We can create custom reports for you, and you can create your own custom reports using the ARIS/Reports™ data analyzer, a companion tool.

Customizable user interface. You can choose the way the product displays information to you so it matches the way you prefer to work. For example, you can choose GateChart colors and grid size, the time range, and the information displayed. Once you enter your display preferences, the system remembers them until you change them.

Collaborative decision-making. The ARIS/GateView real-time display supports team decision-making, ensuring all users share a consistent current view of operations. You can discuss possible solutions with other users before you commit to changes

Web-enabled for cost-effective rapid and wide deployment. You gain access to the ARIS/GateView real-time display through Ascent's From Touchdown to Takeoff® cloud-hosted service, a secure, highly-available, and readily-expandable platform. When you subscribe to the service, you can gain access Ascent's entire suite of products, including the ARIS/GateView real-time display, using a standard browser directly from your network without any need to install, maintain, and support on-premise hardware and software. We can readily adjust available computing power to meet your organization's changing needs, and you can easily expand your solution to accommodate additional users and to manage additional resources, facilities, and locations.

Ways we can help you

Advisory and consulting services. We provide unbiased advice about resource allocation, optimization, planning, scheduling, management, and deployment methodologies; develop cost-benefit analyses; analyze business processes; manage projects; gather and document technical requirements; develop functional specifications; and specify hardware, software, and devices.
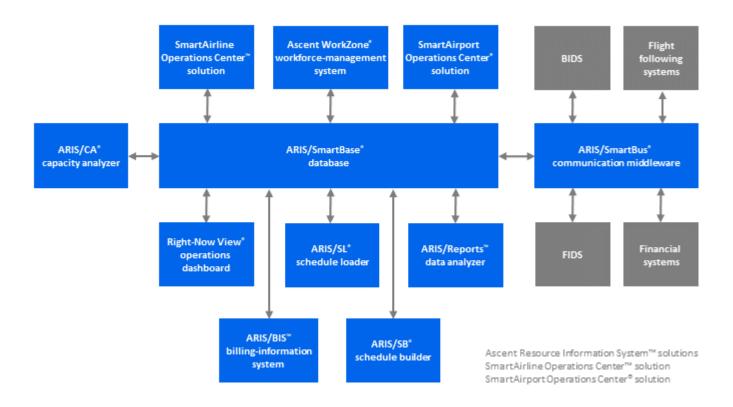
Project-management services. Our project-management team works closely with you, following our time-proven delivery methodology, and uses face-to-face meetings, teleconferences, web conferences, and email exchanges to keep you informed every step of the way. We believe careful project management is the key to successful on-time and on-budget deliveries of Ascent Technology's SmartAirline Operations Center solution and SmartAirport Operations Center solution.

Knowledge-engineering services. Knowledge engineering is the process of identifying your business knowledge—the business rules, policies, procedures, preferences, and requirements that guide the way your organization operates—and then codifying your business knowledge in the knowledge base at the heart of the SmartAirline Operations Center solution and SmartAirport Operations Center solution. The business knowledge in the knowledge base determines how the solutions behave. Our knowledge engineers work with you to gather and enter the business knowledge that enables the solution to behave exactly the way you want it to.

Implementation, integration, and installation services. Our implementation team provides system integration and testing services; develops product extensions, enhancements, and connectivity software for importing data to and exporting data from external systems; and creates reports. Our implementation team is also responsible for setting up an environment, customized to meet your organization's needs, and monitoring its performance, in our secure hosting center.

Training services. We provide a wide range of user, administrator, trainer, and refresher training classes at your location, at our Boston, MA, headquarters, and remotely over the web. We also provide operational training services remotely when you begin to use the SmartAirline Operations Center solution or the SmartAirport Operations Center solution in production.

Maintenance and support services. We offer premium support services for the SmartAirline Operations Center solution and the SmartAirport Operations Center solution around the clock. We provide comprehensive remote user support services via telephone, email, web conferences, and Internet, as well as software maintenance, such as product updates, patches, and releases. Our customer support community portal and ticket system enable you to ask questions and receive responses, request service, report problems, and track issues day and night.

Ascent Resource Information System™ solutions
SmartAirline Operations Center™ solution
SmartAirport Operations Center® solution

Ascent Technology's From Touchdown to Takeoff Cloud-Hosted Service

You gain access to the Ascent Resource Information System solutions in the SmartAirline Operations Center solution and in the SmartAirport Operations Center solution over the Internet, using a standard web browser.

Ascent Resource Information System solutions SmartAirline Operations Center solution SmartAirport Operations Center solution	From Touchdown to Takeoff cloud-hosted service Browser support: Google Chrome, Microsoft Edge, and Mozilla Firefox Minimum Internet connection speed: 5 Mbps Minimum resolution: Full HD (FHD)
ARIS/AV® aerial-view display	✓
ARIS/BB® baggage-belt allocator	✓
ARIS/BIS™ billing-information system	✓
ARIS/CA® capacity analyzer	✓
ARIS/CI® check-in counter allocator (with ARIS/IQ® queue manager)	✓
ARIS/FW® flight watcher	✓
ARIS/GateView® real-time display	✓
ARIS/GM® gate manager	✓
ARIS/Reports™ data analyzer	✓
ARIS/SB® schedule builder (with ARIS/LegGen® flight-leg generator)	✓
ARIS/SL® schedule loader	✓
ARIS/SmartBase® database (with Resource Editor tools)	✓
ARIS/SmartBus® communication middleware	✓
ARIS/SP® stand planner	✓
Ascent WorkZone® workforce manager	✓
ARIS/WorkModel® workload generator	✓
ARIS/WorkNet® bid and trade manager	✓ *
ARIS/WorkOptimize® work-period generator	✓
ARIS/WorkPlan® work-schedule generator	✓
ARIS/WorkRelay® task and attendance monitor	✓
ARIS/WorkTime® workday manager	✓
Right-Now View® operations dashboard	✓
ARIS/CX® crew-connection analyzer	✓
ARIS/FR® flight-readiness display	✓
ARIS/PX® passenger-connection analyzer	✓
ARIS/TE® tug-equipment assigner	✓
Gate Chart Display™ tool	✓
Stand Assignment Optimizer™ tool	✓

* Minimum requirements: 512 Kbps Internet connection speed and SXGA resolution