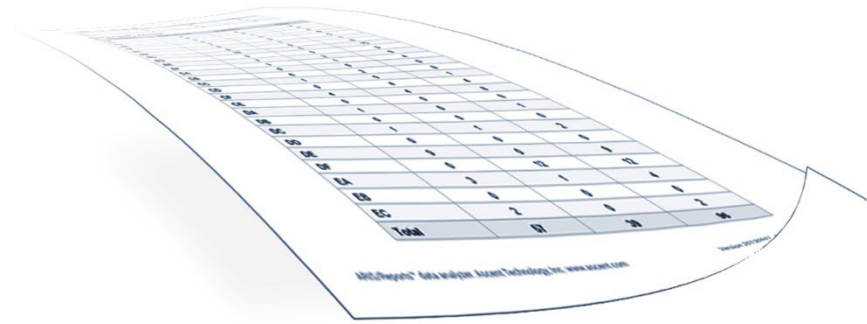# ARIS/Reports™ data analyzer

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The information you need, the way you want it

The ARIS/Reports data analyzer provides standard and custom reports that display plan, day-of-operation, and historical information entered and stored by ARIS® products in the ARIS/SmartBase® database.

With the ARIS/Reports data analyzer, you can:

- Run reports that contain the information you want to see
- Analyze plan, day-of-operation, and historical information to identify trends
- Produce financial reports for billing and analysis
- Display and print reports automatically at the push of a button
- Schedule reports to run automatically at particular times
- Publish reports that have been run
- Communicate plan, day-of-operation, and historical information and satisfy organizational reporting requirements

The ARIS/Reports data analyzer is easy to use. First, you gain access to the ARIS/Reports data analyzer from your web browser, and then select the report you want to view. Next, you set report parameters, such as the date range of the information you want the report to contain. The ARIS/Reports data analyzer creates the report and delivers it to you through your web browser.

The ARIS/Reports data analyzer transfers only the report itself, not the information behind the report, to your desktop. Using the ARIS/Reports data analyzer does not clog your network with large amounts of data.

The ARIS/Reports data analyzer provides many standard reports based on information the ARIS products enter and store in the ARIS/SmartBase database. In addition, we can provide custom reports that meet your reporting requirements. Our knowledge of the ARIS/SmartBase database enables us to determine the best way to create your reports without affecting database performance.
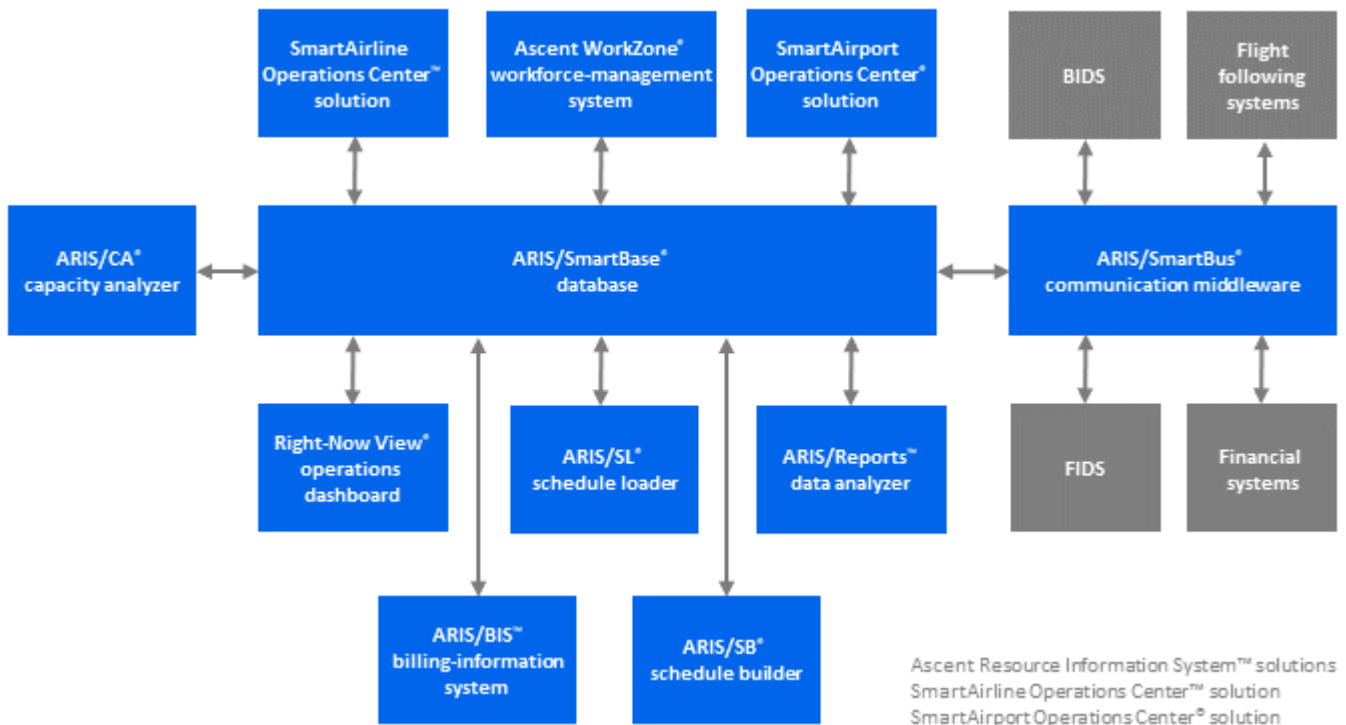
Representative Features

Maintains historic information archive. The ARIS/SmartBase database maintains a secure archive of historic planning and operations data, from which you can produce accurate and timely reports as well as define and analyze key performance metrics. You have the option of performing nightly updates of the archive or having real-time updates, thus providing immediate access to today's information for reporting. Careful database engineering ensures activities can extend across the midnight boundary into the next calendar day with no loss of information, possible confusion, or need to interrupt the applications.

Provides secure access to reports. The ARIS/Reports data analyzer shows users only the reports they are authorized to see.

Provides PDF output. The report you view on line looks the same when you print it or distribute it electronically.

High-speed interface to the ARIS/SmartBase database. The ARIS/Reports data analyzer quickly gathers the information required to create your report from the ARIS/SmartBase database and delivers it to you with minimal effect on network performance.

Web-enabled for cost-effective rapid and wide deployment. You gain access to the ARIS/Reports data analyzer 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/Reports data analyzer, 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.

Who we are

Since our founding more than 35 years ago by members of the Massachusetts Institute of Technology Artificial Intelligence Laboratory, Ascent Technology has helped organizations deploy costly resources as efficiently, effectively, and economically as possible. Our highly trained and capable team of technologists, problem solvers, and solution designers has broad domain expertise and substantial experience in artificial intelligence, computer science and engineering, system design, mathematical optimization, operations research, and resource optimization, planning, scheduling, and management.

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

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.

More information

To learn more about how Ascent Technology solutions can help you optimize your resources to greatest advantage and to schedule a demonstration of our products, send email to sales@ascent.com or call our Sales and Marketing department at +1.617.395.4800.

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