

INTRODUCING YOUR NEW ARRIVAL:

RATT™

Real-time Aircraft Turnaround Tool



Quantum Aviation Solutions' Real-time Aircraft Turnaround Tool (RATT) ensures efficient management of the aircraft arrival, turnaround and departure process in real-time. RATT enables ground handlers, airlines and airports to improve management of personnel, equipment and third party contractors.

RATT utilizes the latest mobile data collection technology and advanced communications devices including ruggedized Personal Digital Assistants (PDA), WLAN and Cellular Communications. A web-based management and data analysis interface provides a concise real-time view of your operation to Management, Operations Controllers, Passenger Services and Ramp personnel. Quantum's effortless RATT user interface allows all your personnel to use the system with minimal training or experience.

RATT captures a time stamp of all turnaround services, including:

- push back and towing
- fuelling
- catering
- cleaning
- cargo
- baggage
- load plans
- crew
- passenger buses
- boarding

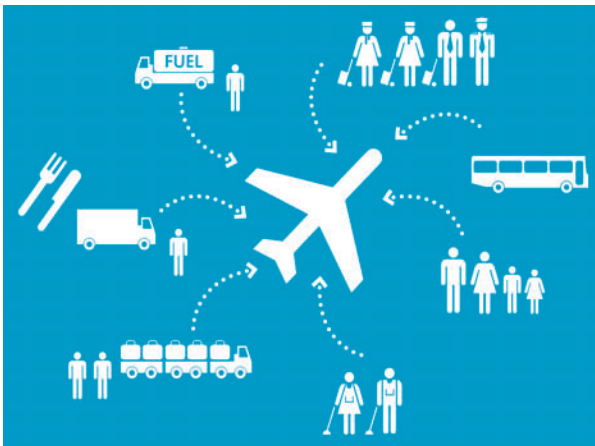
A tailored individual flight profile based on carrier, flight number, aircraft type, registration, configuration, and stand/gate runs throughout the turnaround process alerting you to any critical events that may affect an on-time departure. These events are color-coded to highlight areas of concern or potential problems.

All real-time information for each flight is available to supervising personnel. Reports are generated to bolster quality control, performance monitoring, trend analysis, process re-design, monitoring of third-party service level agreements and accurate billing of scheduled and ad-hoc services, thereby improving your contract management.

RATT helps you maximize revenue, enhance the efficiency of airside operations and On-Time Performance, and reduce delays, ground time, and costs.



| Flight No | Destination | STD | STO | ATD | Aircraft Type | Aircraft Reg | Stand | Dispatcher | Alert State | Last Data | Detail |
|-----------|-------------|-------|-------|-----|---------------|--------------|-------|------------|-------------|-----------|--------|
| TCJ 514 | BCJ | 18:20 | 18:20 | 300 | | | | | | | ... |
| 62V 8071 | NCE | 18:20 | 18:20 | 319 | | | | | | | ... |
| 62V 8031 | FJO | 18:30 | 18:30 | 319 | | | | | | | ... |
| 62V 8083 | MW | 18:30 | 18:30 | 319 | | | | | | | ... |
| 700 2047 | CLB | 18:30 | 18:30 | 752 | G-814P | 134 | Admin | | | 18-14 | ... |
| 62V 8108 | TLS | 18:40 | 18:40 | 319 | G-424C | 87 | Admin | | | 18-18 | ... |
| 700 1047 | HEZ | 18:40 | 18:40 | 752 | G-FOLD | 18 | Admin | | | 18-18 | ... |
| 62V 741 | BPB | 18:50 | 18:50 | 319 | | | | | | | ... |
| 62V 760 | SAL | 18:50 | 18:50 | 319 | | | | | | | ... |
| 6E 488 | NCL | 18:50 | 18:50 | 319 | | | | | | | ... |
| 62V 8137 | BCN | 18:50 | 18:50 | 319 | | | | | | | ... |
| 62V 8109 | AHO | 18:50 | 18:50 | 319 | | | | | | | ... |
| 62V 7405 | WPD | 18:50 | 18:50 | 319 | | | | | | | ... |
| 6E 7206 | ADZ | 18:20 | 18:20 | 635 | | | | | | | ... |
| 6E 7207 | BAU | 18:20 | 18:20 | 635 | | | | | | | ... |
| 6E 950 | JBR | 18:30 | 18:30 | 635 | | | | | | | ... |



IMPROVE YOUR OTP:

RATT™ gives you the power to:

- Continuously monitor turnaround events in real-time
- Gain early awareness of impending problems
- Ease scheduling and deployment of personnel
- Improve contract management and control
- Collect and distribute operational information via mobile hand-held devices and web servers
- Perform detailed trend analysis, performance monitoring and quality control
- Accurately bill both scheduled and ad-hoc services

RATT IMPLEMENTATION:

The RATT is available both as a hosted service delivered via secure channels or as a stand-alone application.

However you use RATT, you are assured of high-quality support and the utmost levels of security and reliability. Quantum's RATT solution is scalable and able to accommodate both small and large airport infrastructures along with multiple station operations.

RATT is powered by Avtura™ an independent provider of software management solutions and consultancy for airport ground handling operations.



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