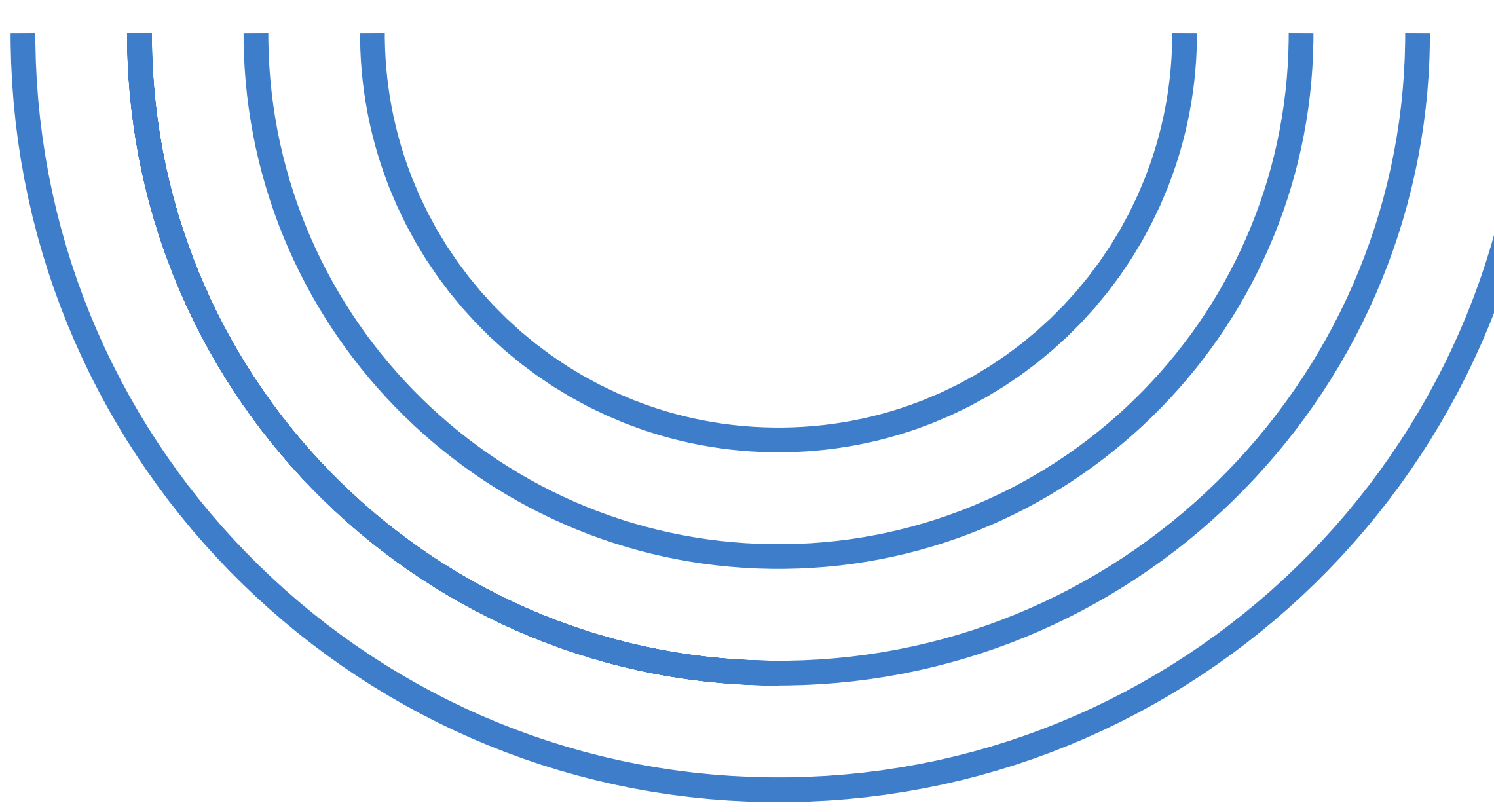




Ground Handling Suite

"Next-generation ground
handling and turnaround
management"





The management of limited assets is crucial for the maximum effectiveness of airport operations. Ranging from passenger transportation via buses, baggage management equipment, pushback and aircraft cleaning operations, TAV Technologies Ground Handling Suite (GHS) helps to improve airport operations and make them more efficient.

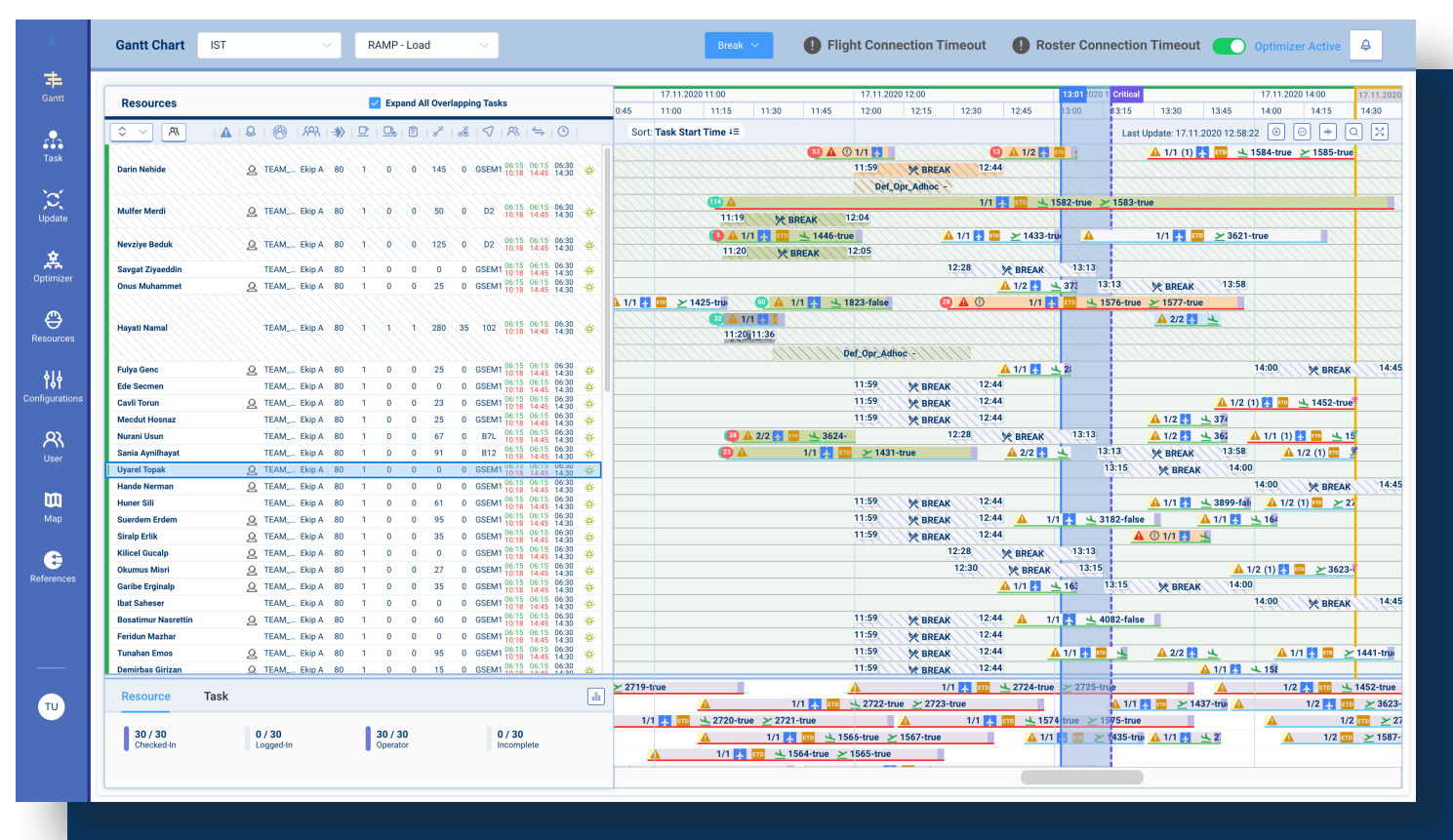
Functionalities of TAV Technologies Ground Handling System

TAV Technologies Ground Handling Suite (GHS) is a set of fully integrated products that offers a comprehensive Ground Handling solution, covering all of the operational and business processes, from initial schedule preparations through daily operations & turnaround management, tactical allocations and SLA monitoring to service recording and automated billing.

GHS offers visibility on all turnaround activities, from check-in to boarding, baggage to cleaning and staff allocations on a modern Gantt View, enabling identification of potential delays in real-time, and take proactive steps to minimize disruption to the operations.

KEY FEATURES

- Real Time Operations Management – modern dashboard and Gantt view provides visibility of your entire operation
- Flight Management – track and communicate flight status and requirements
- Demand Calculation – ideal planning and forecasting; calculation of necessary number of staff and equipment based on needed skills, business rules and flight schedules
- Rostering – Manage shift times, rosters and absences based on business rules
- Real-time Task Management – effective resource allocation and improved productivity
- Advanced Optimization Engine – industry proven real-time optimization algorithm for critical, operational and strategic time windows
- Conflict Management – best-in-class conflict resolution
- Equipment / Vehicle Allocation – optimized usage of mobile and fixed assets
- Ramp / Turnaround Management – proactively monitor progress and improve performance
- Mobile Apps – streamlined task management, service monitoring and recording
- Service Recording – capture everything and improve data quality for accurate billing
- Automated Billing – for efficient, accurate and timely billing
- Dashboards and Reporting – immediate access to real-time Business Intelligence, KPIs, SLA metrics
- Integration – Data exchange with external systems (AODB, Roster, Time and Attendance, SAP)



BENEFITS

- Increase your productivity and efficiency of ground handling processes
- Reduce operational costs due to optimized allocation of human resources and equipment
- Provide visibility for your entire operations and teams on a modern Gantt view graphical interface
- Plan ahead with visibility of all scheduled flights, avoid service interruption due to insufficient resources
- Streamline your work order communication and service tracking with mobile apps and devices
- Avoid missed service recording and billing via integrations and mobile devices
- Automatically respond to unpredictable situations like flight delays or unscheduled ad-hoc services
- Operate pro-actively by foreseeing bottlenecks within daily operation as well as in the planning phase
- Improve motivation of staff through equalized and moderate work peaks
- Advance service levels to your customers by controlling and enhancing time-relevant tasks
- Integrate with Business Intelligence tools to provide feedback on whether KPIs are being met



Flexible task creation modules for automated task management

TAV Technologies GHS is designed to save airport operators from manual work as much as possible, thus giving them more time to concentrate on their important work. Designed to support all critical resource management processes of airports, the TAV Technologies GHS features different modules to cover ground-based airport operations.

These include:

- Roster Management • Real-time Operation • Capacity Planning Module
- Billing Module • Workload Generation • Reference Data Management

Flight and resource information can be received by the integration with other systems. It is possible whether to use or ignore the integration data via configurations. Thanks to the GHS' flexible task creation module, it generates tasks based on engagement standards from received flights. Generated tasks are used in roster management, capacity planning and real-time modules. An optimization tool allocates these tasks to resources while considering selected key performance indicators (KPIs) into account.

Also, mobile application has been developed in order to work synchronously with the GHS system. Communication between the GHS and resource mobile devices are handled automatically in a dynamic way.

Real-time airport resource management

In the light of experience gained by managing many airports, it has been understood that some actions should be taken in the operation against the current time. A GHS should be able to manage turnaround flight tasks and efficiently handle relevant updates.

Using intelligent rule-based conflict management, TAV Technologies' GHS can optimise airport operations to accommodate last-minute changes and resolve errors.

Its real-time automated scheduling function significantly reduces the number of operational errors and the solution can provide notifications about required actions and flight changes. This helps improve operational profits, resource management and communication among personnel.





TAV | TECHNOLOGIES

Headquarters:
Turkey Istanbul

Other Offices:

Turkey – İzmir, Ankara, Bodrum; **Netherlands** – Amsterdam; **Tunisia** – Enfidha;
Macedonia – Skopje, Ohrid; **Kazakhstan** – Almaty; **United Arab Emirates** –
Abu Dhabi; **Saudi Arabia** – Madinah, Riyadh, Dammam; **Qatar** – Doha

tavtechnologies.aero



HQ, Vadistanbul Bulvar, Ayazaga Mh.
Cendere Cd. No: 109L 2C Blok 34485
Sariyer/Istanbul, Turkey



+90 0212 443 30 00



corporate@tavtechnologies.aero



[/tavtechnologies](https://www.instagram.com/tavtechnologies)



[/company/tav-technologies](https://www.linkedin.com/company/tav-technologies)



[/user/TAVBilisim](https://www.youtube.com/user/TAVBilisim)