AOS new Features

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T Systems Let's power higher performance

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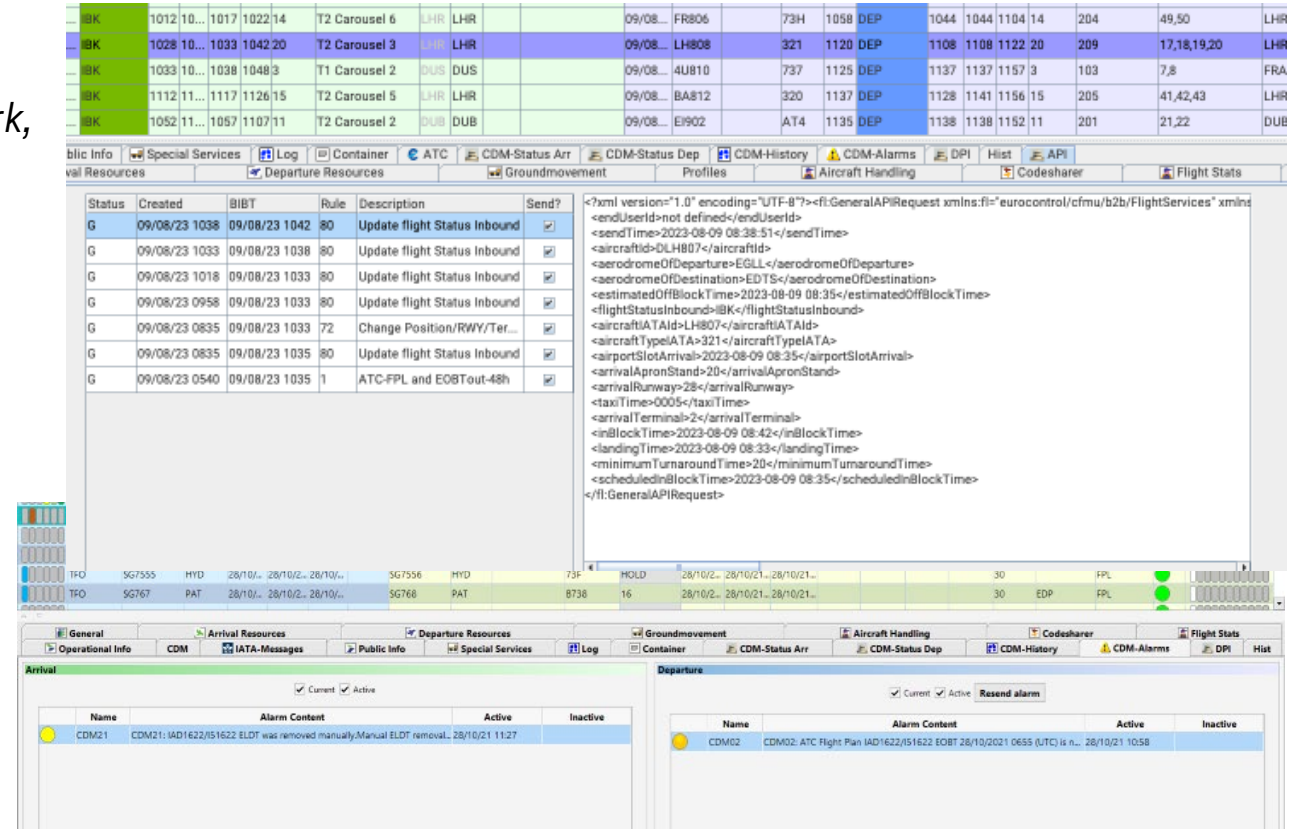
Arrival Planning Information (API)/iAOP

Benefits

- *The overall objective of the API Service is to improve coordination between stakeholders and to improve Network, Airport and TMA operations*

AOS Extension

- New Detail Tabfolder „API“
- Contains a table of all API messages generated
- Arrival CDM Alarms for additional awareness
- Implemented according to latest Eurocontrol API Implementation Guide (G-APIs)



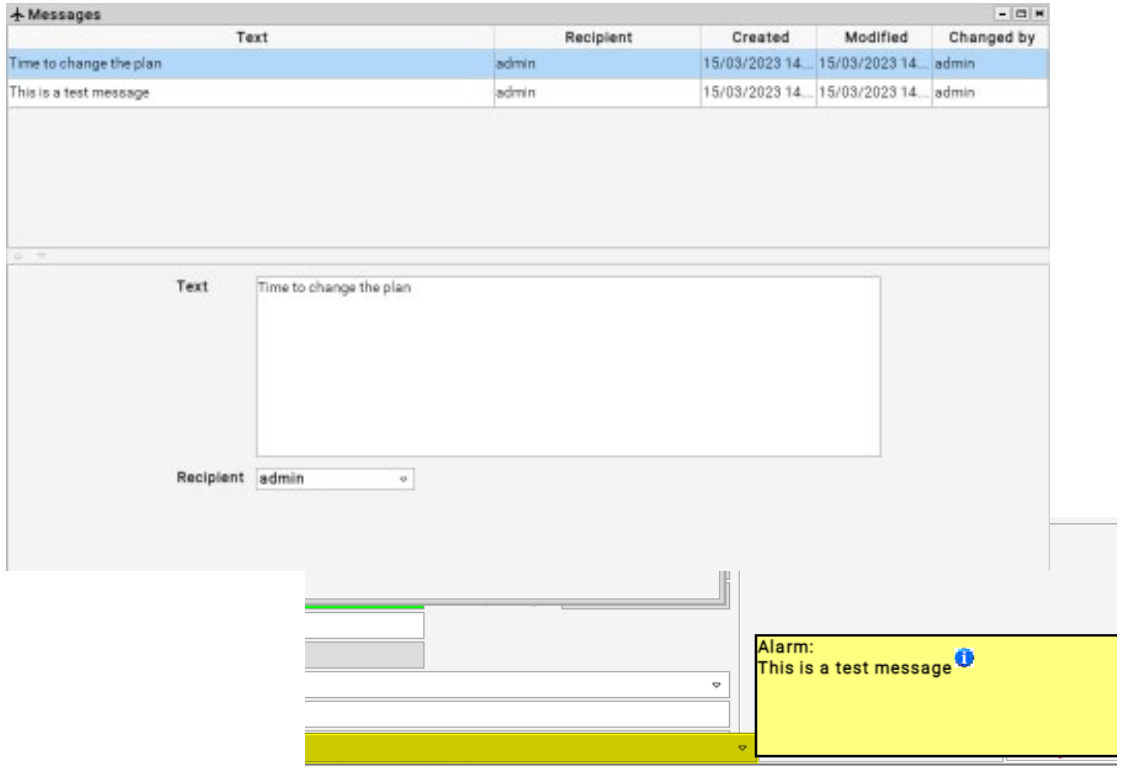
Messaging

Benefits

- *Alerting or informing dedicated logged in AOS users*

AOS Extension

- User interface to enter the messages to send
- Recipients receive an info at the bottom right of the main AOS panel
- Send to individual users or a group of users (based on roles)



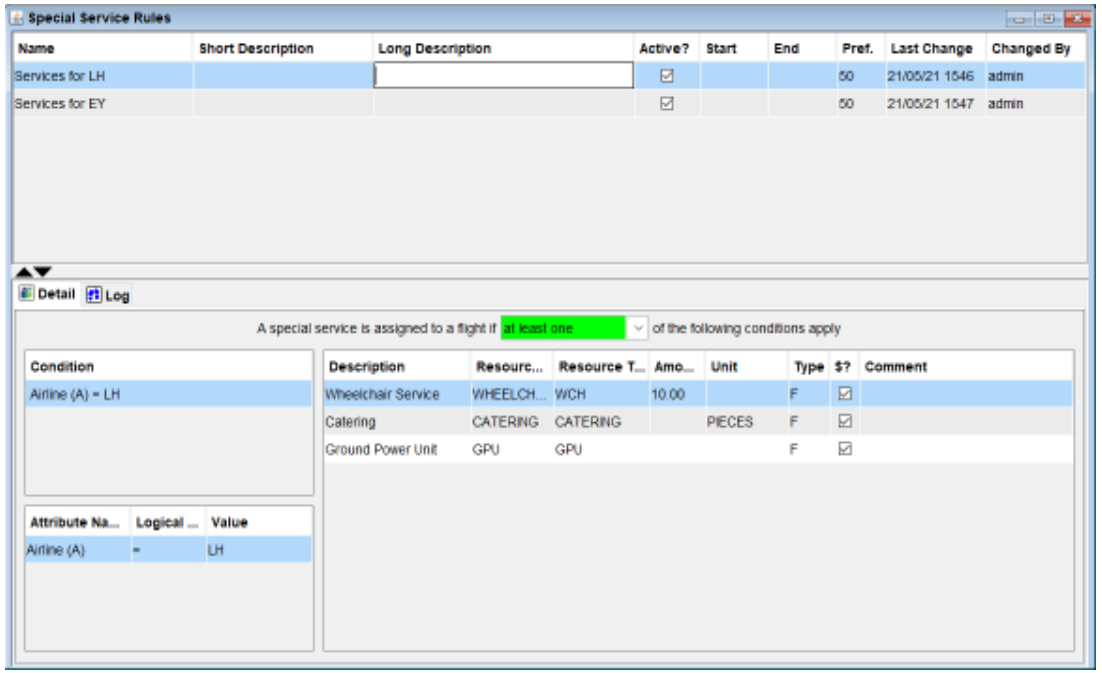
Rule-Based Special Services

Benefits

- *Efficient rule-based assignment of pre-defined services to a flight. Can then be used for tracking and invoicing these additional services.*

AOS Extensions

- New “Special Service Rules” screen for defining the condition for assigning the specific services
- Services are generated upon rolling out the operational days
- Are also created whenever a new flight is entered into the system
- The generated services can be updated in the “Special Service” tab folder



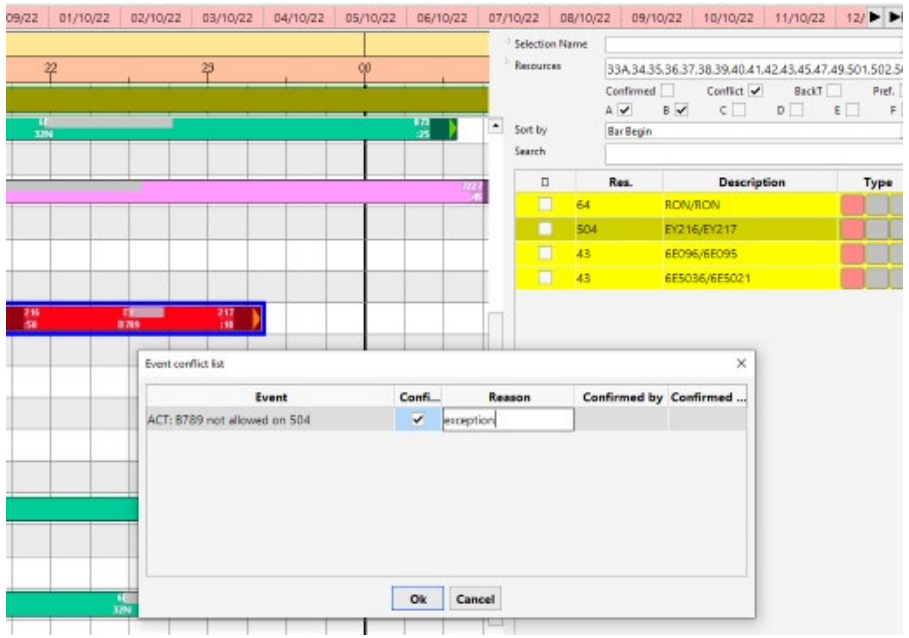
Conflict Management

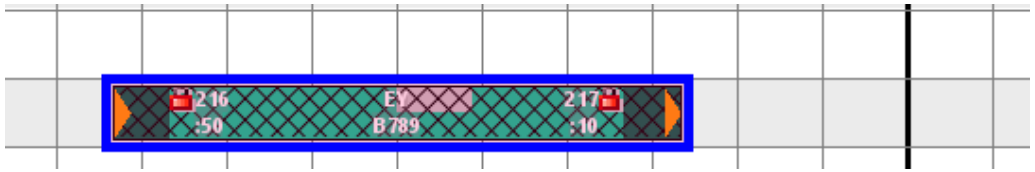
Benefits

- *Better visibility and tracking of confirmed conflicts*

AOS Extension

- Persistent acknowledge / unknowledge of conflicts including timestamps (visible for all users)
  - Approved conflicts are approved for all RMS users.
  - Enter additional reasons for traceability and clarification.
- Tracking in Audit trail
- Changed Bar layout for more visibility





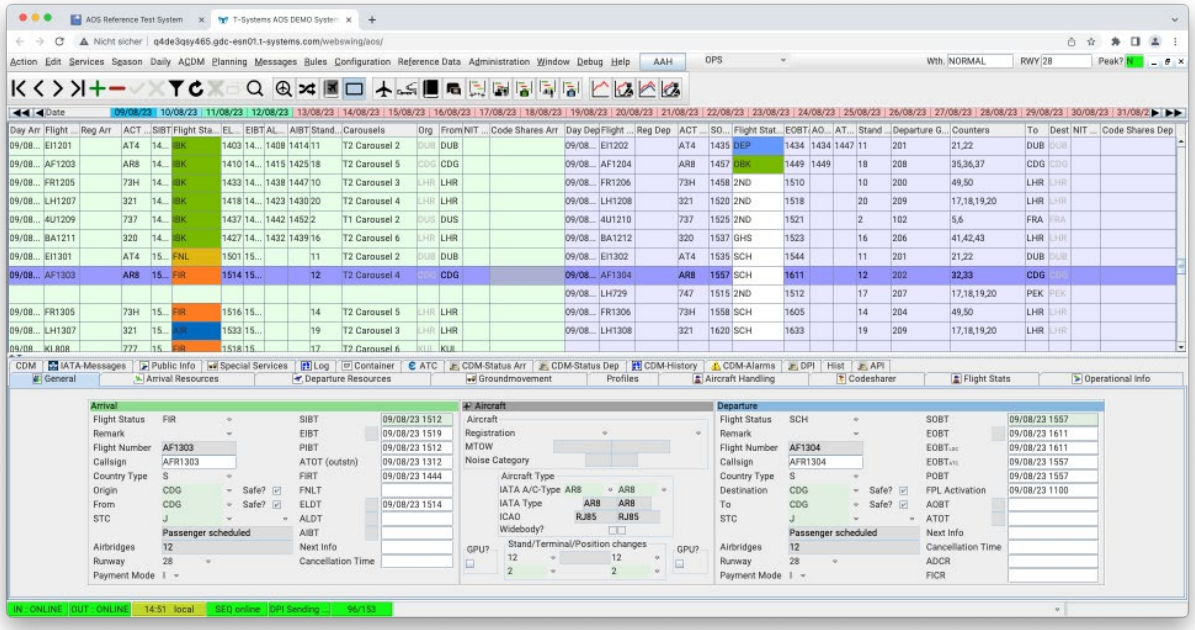
AOS as Webapplication

Benefits

- *No need to run anything on desktop*
- *“Cost savings” compared to actual Java licensing*
- *Improvement of Security*
- *Move into the Cloud*

AOS Extension

- AOS is running in the Browser
- No more local installations required and no additional software
- Full AOS functionality as local running AOS



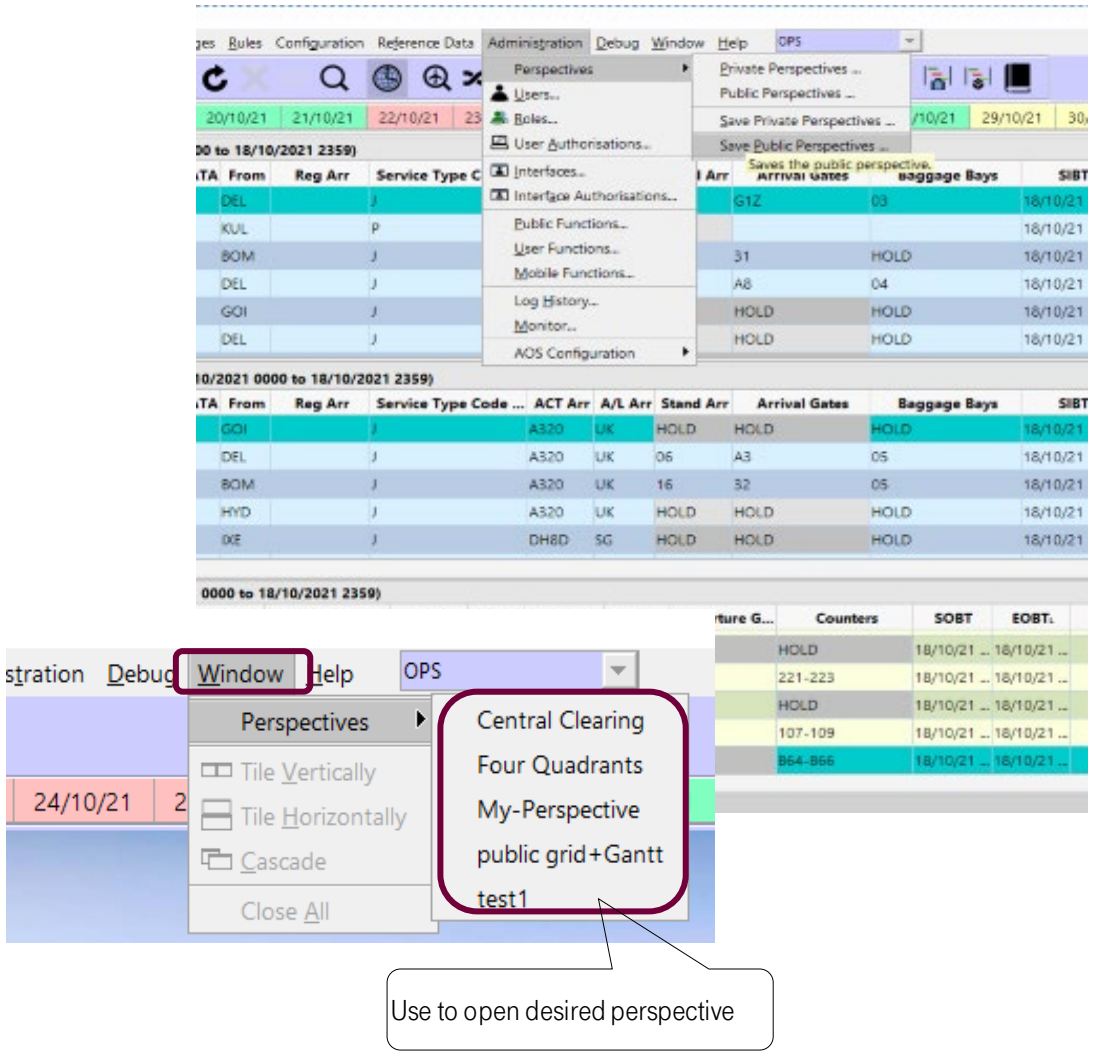
Perspectives

Benefits

- *For an easy way to save/open the way user has arranged the Windows*

AOS Extension

- Positions and configuration (view) of each window can be saved
- Public Perspective & Private Perspectives can be created using the provided functions
- Saved perspectives are stored under the Window menu and can be retrieved at any time
- One selection dialog applicable for all windows requiring a selection input



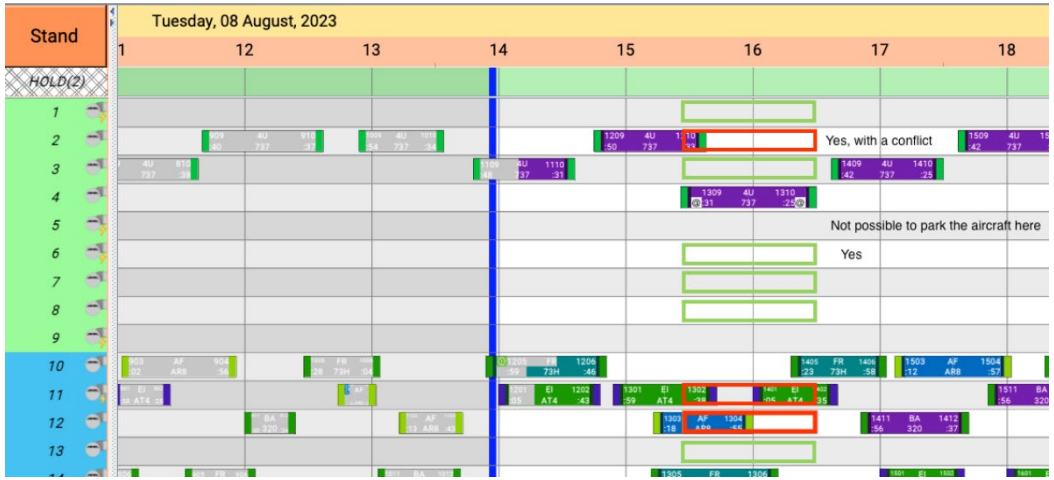
And some more...

- Export/Import of Rules
- Weather Information
- Notice to Airman Message (NOTAM)
- Alarm Based Check List
- Fixed Timeline in Gantt Chart
- Highlight mandatory fields
- Display Multiple Runways
- Special Service Request Code (SSR)
- Baggage Halls
- Nature Code
- Book Load
- Identifying Peak Days
- Identifying VIP and Priority Flights
- Total Numbers of Bags
- Expected PAX Numbers
- Best Known PAX & Bag Numbers
- Closing Types
- Create Multiple Copies in one Go
- Visualize Background Solver Time Window
- Chart Snapshot
- Template Look-up Table also for Planning

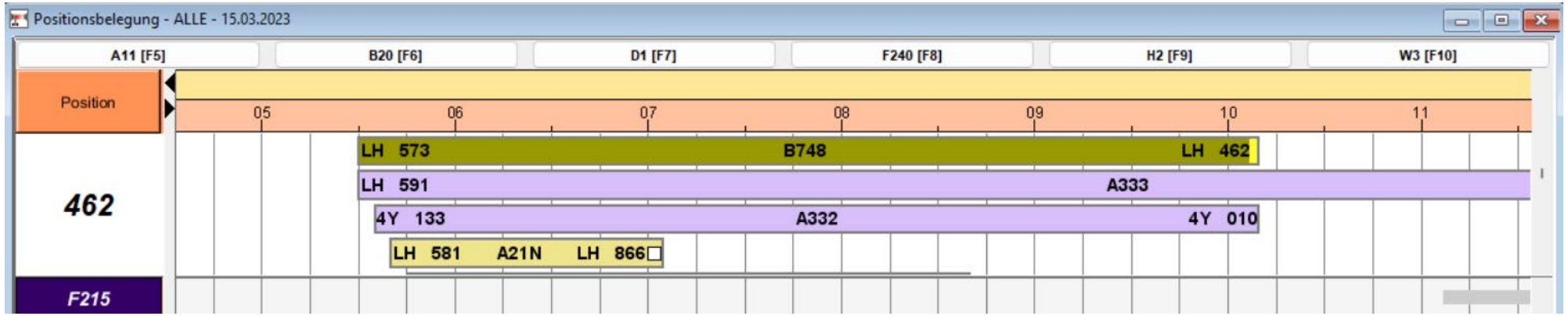
Work in progress

- KPI based planning
  1. Maximize PAX on contact stands
  2. Maximize contact rate
  3. Minimize Groundmovements
  4. Minimize Transfer Times

- Moved Mode



- Jump to Areas



Thank you!

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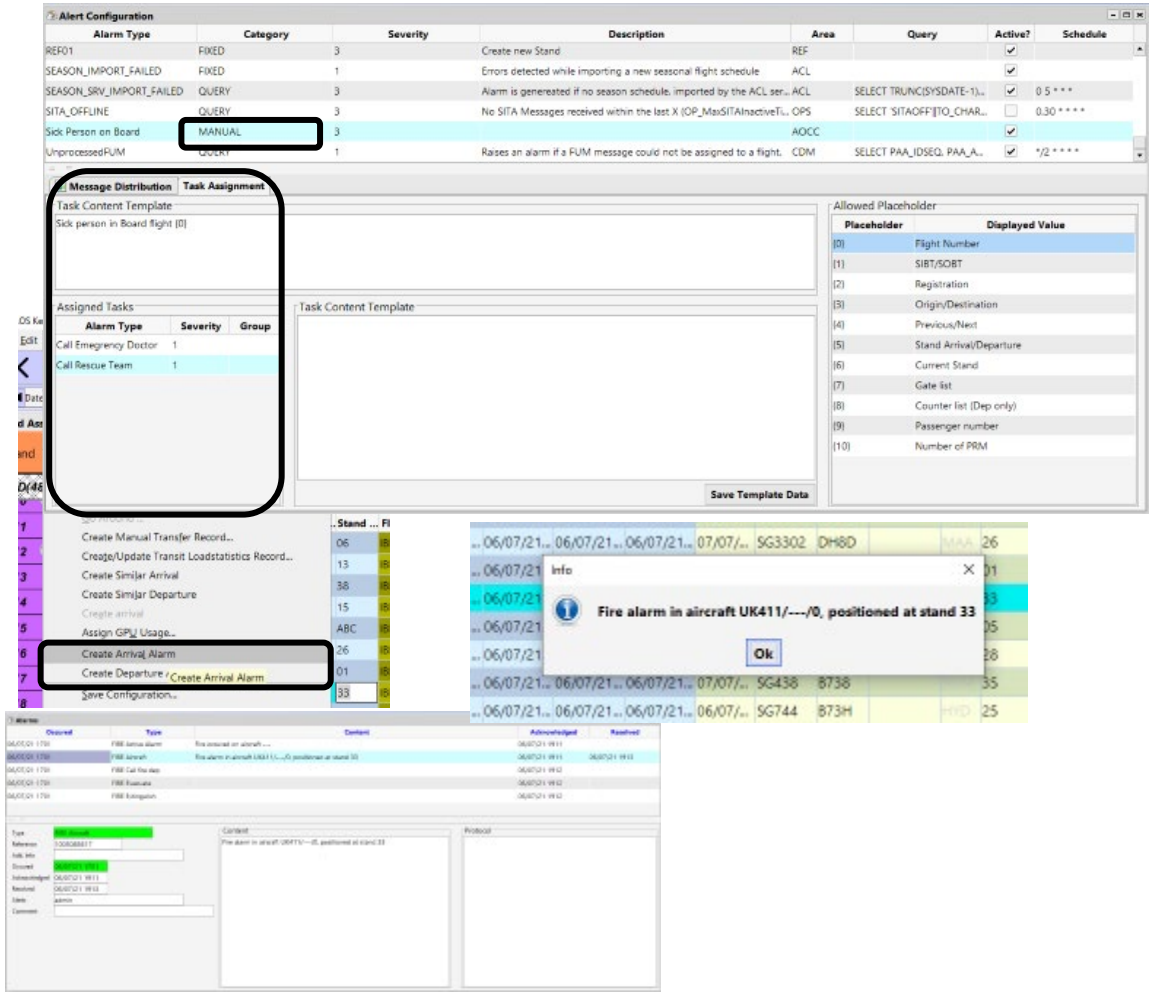
Alarm Based Check-List

Benefits

- *supports defining and triggering alarm and creating check lists including alerting*

AOS Extension

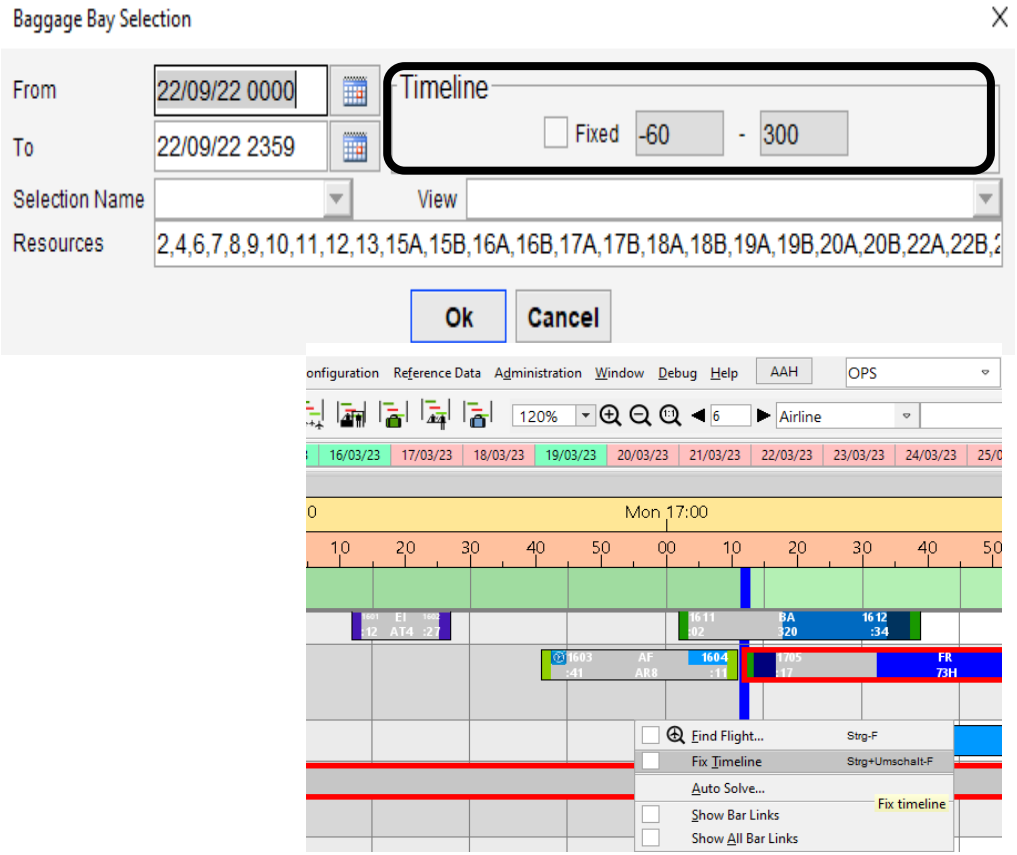
- In the Alert Configuration screen new alarm types
  - Alarm Type – MANUAL & TASK
  - Tab Folder: Task Assignment
- Flight Grid Services
  - Create Arrival Alarm
  - Create Departure Alarm
- Result for Acknowledgement in Daily->Alarms



Fixed Timeline in Gantt Chart

Benefits

- *keep relevant Gantt chart area always in focus*

AOS Extension

- Use to enable or disable fixing the current timeline within the Gantt chart
- Number of minutes before & after timeline are configurable