

For more than ten years APM has worked alongside airlines, supplying software and support that helps to manage the ever-increasing demands of a complex and competitive industry.

**Capability within our scheduling, crewing and operations modules enables you to generate and ingest IATA, ICAO and ACARS messages.**

Benefits of automated messages:

- Integration with other systems
- Increases efficiency and reduces time
- Ensures accuracy and reduces room for error
- Complies with aviation standards
- Transferred via SITA/equivalent networks or by email

| Details of messages   |   |
|---|---|
| <p><b>Schedule messages</b></p> <ul style="list-style-type: none"> <li>• ASM Incoming ASMs are stored in the APM database but do not update the flight program, without configuration</li> <li>• ASM Outgoing ASM's are generated on demand from SmartOps -NEW, TIM, CON, FLT, CNL, RIN, EQT, RPL (these can also be automatically generated and transmitted through the ASM Export Service)</li> <li>• SSM Outgoing SSM's are generated and sent on demand</li> <li>• SSIM Outgoing SSIM's are generated on demand</li> <li>• SSIM Incoming SSIM's are ingested on demand (these can also be automatically ingested by using the SSIM Import Service)</li> </ul> | <p><b>Operations</b></p> <ul style="list-style-type: none"> <li>• DIV Outgoing DIV messages are generated on demand</li> <li>• MVA Incoming MVA messages (ACARS messages converted into MVT equivalent messages) are ingested and automatically update flight sector data</li> <li>• MVT Outgoing MVT messages are automatically generated on demand</li> <li>• MVT Incoming MVT messages are ingested and automatically update flight sector data</li> <li>• MVT SI FOB messages are ingested and automatically update flight sector data</li> <li>• In addition, APM can ingest some Acars messages if they are converted into XML messages (APM can supply a XML schema for this purpose)</li> <li>• ACARS Aircraft Doors opening and closing messages are ingested and automatically update flight sector data</li> <li>• RQM Outgoing RQM messages are generated on demand</li> <li>• AAS Outgoing AAS messages are generated on demand</li> <li>• ADM Outgoing ADM Aircraft Deployment messages are generated on demand</li> <li>• ASD Outgoing ASD Aircraft switch and delay message</li> <li>• FMM Fuel Monitoring Message. Incoming messages are ingested</li> </ul> |
| <p><b>Crew</b></p> <ul style="list-style-type: none"> <li>• APIS Outgoing UK, US, South Africa, France, Denmark and China Flight Crew Manifest are generated on demand by a service. ICAO APIS standard messages can be configured on demand.</li> </ul>  |   |
| <p><b>Payload Control</b></p> <ul style="list-style-type: none"> <li>• CPM Cargo Ingest. Incoming messages are ingested.</li> <li>• LDM Incoming LDM messages are ingested and update pax data</li> <li>• SLS Incoming incl Actual Pax F,C,Y, GG (free),B (Baggage),E (Palleted Frt), C (Loose Cargo), M (Mail)</li> </ul>  |   |

**SCR Slot messages**

- SAL Incoming messages are ingested and update slot data on demand
- SCR Incoming messages are ingested and update slot data (automatically or manually according to system configuration)
- SCR Outgoing messages are generated on demand
- SHL Incoming messages are ingested and update slot data
- SIR Incoming messages are ingested and update slot data
- SMA Incoming messages are ingested and update slot data (automatically or manually according to system configuration)
- SMA Outgoing messages are generated on demand

**Air Traffic Control**

- CFMU Incoming ACK messages are ingested
- CFMU Outgoing CNL messages are generated on demand
- CFMU Incoming DES messages are ingested and update flight data
- CFMU Outgoing DLA messages are generated on demand
- CFMU Outgoing FCM messages are generated on demand
- CFMU Incoming FLS messages are ingested and update flight data
- CFMU Incoming FPL messages are ingested
- CFMU Incoming MAN messages are ingested
- CFMU Incoming REJ messages are ingested
- CFMU Outgoing RFI messages are generated on demand
- CFMU Outgoing RQP messages are generated on demand
- CFMU Incoming SAM messages are ingested and update flight data
- CFMU Incoming SIP messages are ingested and update flight data
- CFMU Incoming SLC messages are ingested and update flight data
- CFMU Outgoing SPA messages are generated on demand
- CFMU Outgoing SRJ messages are generated on demand
- CFMU Incoming SRM messages are ingested and update flight data
- CFMU Outgoing SWM messages are generated on demand

This intelligent IATA, ICAO and ACARS messaging service is included as standard in APM's airline software.

All our software packages include regular updates and we aim for 3 releases per year. Please contact us for more information or to arrange a demo.

[www.apmtechnologies.com](http://www.apmtechnologies.com)