

Seamless software solutions, expertise and support.

Airlines worldwide
choose APM





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Airlines worldwide choose APM to reduce day-to-day complexity, improve productivity and achieve greater profitability.

Since 2002, we've crafted world-class modular software for scheduling, crewing, flightwatch and commercial control that transform planning, operation and performance to maximise margins.

With seamless integration, built on optimised schedule sets, you'll experience feature-rich production and simulation tools – including horizontal and vertical drag-and-drop graphical displays – that deliver effortlessly fast and reliable performance. And whether they're used individually, or in combination, APM's applications give you greater visibility, flexibility and confidence to control your fleet, your slots, your crews and your costs.

What's more you can count on APM's wealth of aviation expertise and experience for implementation, integration, training and optimisation – not to mention on-demand day-to-day software support too from our HelpDesks.

From smaller regional operators right through to national carriers, APM's a vital asset for your airline.

Seamless software solutions and exceptional support

From real-time day-of-flight decision-making to simulating future season strategies, APM's applications give your airline all the tools you'll need to maximise your potential.

Our suite of software is fully integrated so the moment data is updated, it's instantly available, providing insights and information that let you plan, operate and perform more profitably.

And no matter whether you use a single application or our full suite, you can count on APM for service and support.

Our Geneva-based team has worked with airlines worldwide to successfully integrate, automate and optimise our software. You can be sure that APM can meet the most exacting requirements.



SchedulePlanner

With its powerful optimiser, fully-integrated slot management and comprehensive reporting features, SchedulePlanner lets you create, monitor and manage your live schedule, and slots.

Choose at-a-glance text or graphical views of your schedule – displayed in local and UTC time – and quickly and easily create, manage or amend schedules using SchedulePlanner's easy-to-use drag-and-drop interface.

Its visual display mode includes an optimiser to easily assign flight sectors to aircraft. And because it automatically accounts for aircraft on the ground and airport turnaround times, SchedulePlanner maximises block times so you gain the most from your fleet assets.

Its integrated slot management generates and transmits IATA-compliant messages. You can secure slot permissions, spot and send requests for new or improved slots, check your schedule against your airport slot allocation and record slot snapshots before beginning the handback process prior to the slot use-it-or-lose it status.

And, just in case you were wondering, SchedulePlanner can also receive data from other sources too – such as passenger and freight reservation systems.

APM's seamless plug-in-and-play software integration means that SchedulePlanner effortlessly connects with CrewLogic, ScheduleSim, SmartOps, Globe and APM's commercial performance and finance modules.



ScheduleSim

The essential simulation tool to test unlimited schedule scenarios – outside your live production environment – to pick the most effective and profitable flight programme for your airline.

Use live schedule data from SchedulePlanner – or import an SSIM file – to combine your scheduling scenarios with a snapshot of historic slot performance to discover the most effective schedule.

With its powerful optimiser, plus its range of reports and comparison tools, when it comes to decision-making, you can be sure that ScheduleSim will help you get the most out of your fleet.

What's more, using APM's crewing simulation tool – CrewSim – you can test the resilience of your potential schedule identify crew establishments and rosters using actual or virtual crewing data.

Once you've decided on your ideal schedule simply import an SHL message to match your approved schedule to your historical slots. ScheduleSim will prepare your slot submission as well as generate all the messages for transmission to airport operators. Then all that's left to do is export the selected schedule in ScheduleSim with SchedulePlanner – or export it to your airline's live production scheduling software.



CrewLogic

CrewLogic lets you manage crew routes and rosters more easily, efficiently and compliantly.

Create crew pairings and establishments and – using APM's optimiser technology – optimise crew routes to gain maximum returns from your schedule and crewing assets.

What's more, you can count on CrewLogic for regulatory compliance.

Airline and national aviation crew rule authority limitations – including EASA/IrOps and Cap371 regulations – are built into CrewLogic's default crew set as is fatigue management and acclimatisation.

And its comprehensive crew database means, whenever its possible, you can rely on CrewLogic to produce compliant crew rosters using augmented and extended crewing, and incorporating crew requests.

Its extensive features include hotac, deadheading/positioning, crew standby, training and qualifications, crew transition training, plus aircraft, airport and flight-type recent experience functions.

And, of course, key performance reporting couldn't be easier. A suite of preset reports – including duty hours and flight duty hours available – are available in both text and graphical formats.



CrewSim

Run limitless scenarios – outside live production – to focus in on the ideal crewing solution for your schedule.

Import data from CrewLogic, combine it with your flight schedule from SchedulePlanner or ScheduleSim, and CrewSim lets you simulate unlimited crew pairings, establishments and rosters .

And because CrewSim uses airline and aviation authority crew rule parameters that are set up within the module you can be sure are compliant including fatigue and acclimatisation.

What's more, because you can apply different rule sets to calculate the required establishment, you can use CrewSim to quickly and easily compare the consequences of authority limitation changes or crew negotiations.

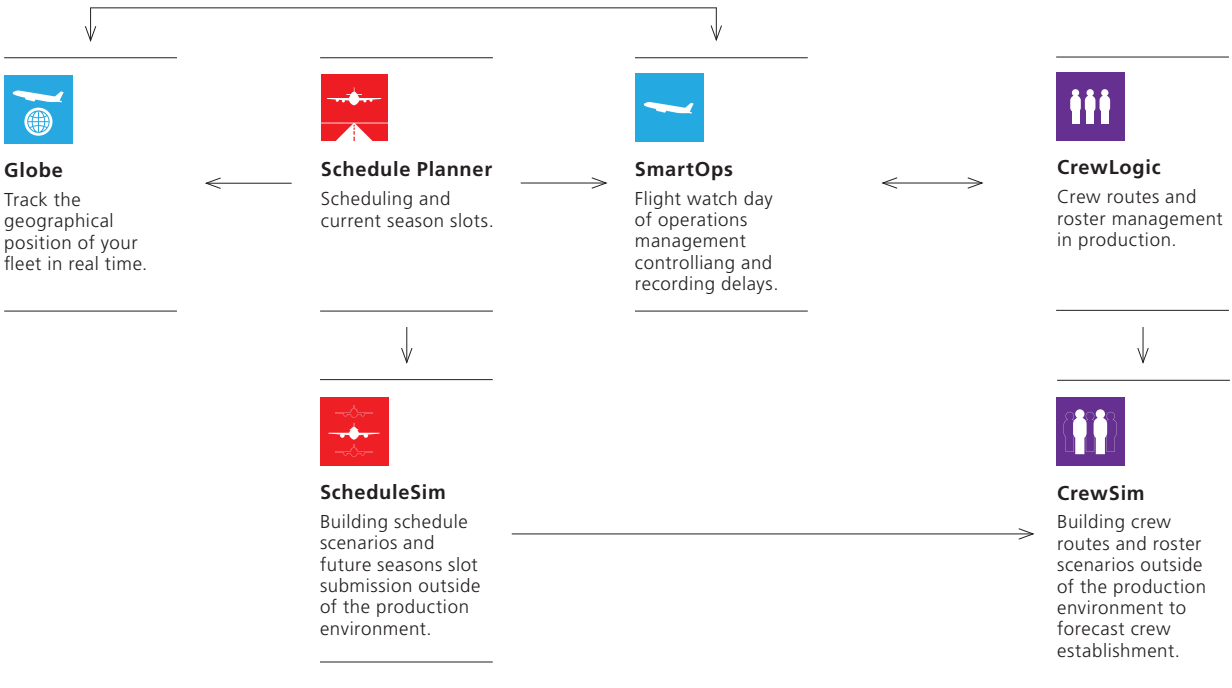
Powerful text and graphical reporting tools let you easily compare crewing options, before you select your preferred crewing scenario and export it to CrewLogic to form the foundation of your season's crew management or to identify your long-term establishment planning.



CrewWebPlus/CrewPad

Give your crews access to essential information – including rosters, roster changes, messages, personal information and crew briefings and crew documents such as GenDecs – at anytime, anywhere, via the web. APM also offers a CrewPad option for crew who wish to obtain vital roster information via an Ipad or Android device.

Seamless software solutions
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SmartOps

SmartOps is a day-of-operation flight tool that puts real-time information at your fingertips for rapid decision-making that minimises delay and keeps your fleet on time.

With its at-a-glance visual display of your live schedule - updated automatically by SchedulePlanner – SmartOps makes it easier to track and control fleet punctuality.

Flight sector data is updated for estimated – and actual – departure and arrival times. And if your environment's configured to receive them, movement messages from SITA and ARINC networks will be imported and processed automatically – or sent and received by email if you'd prefer.

If you decide to delay one flight or more, SmartOps will generate and transmit delay messages to designated parties – plus ASM's and AAS messages too with DEIs.

And you can count on SmartOps to support real-time decision-making with user-friendly tools and wizards for delay, cancellation, diversion and reinstatement of flights. Alerts will warn you if actions compromise aircraft turn-around times and curfews and, if you use CrewLogic, delays that trigger warnings will display crew limitation alerts in SmartOps too.

What's more, SmartOps' 'sandbox feature means you can enter new flights, modify flights, and swap flights from one aircraft to another, before executing these changes and saving and generating messages.

SmartOps offers a wide range of customisable reports and performance data including promptness, flight plan information, fuel uplift and burn, delay, and day of operations and aircraft allocation schedule reports. The system will also capture all data so you can create a comprehensive flight-log for each sector.



Globe

Globe continuously tracks the movement of your fleet displaying the actual position of aircraft – in real time – on a map of the world. Globe will even project movements to simulate your fleet's position at a time of your choice in the future.

Manage costs more profitably with APM

Whether you’re calculating next season’s profitability or keeping track of today’s in-flight catering costs, you can count on APM’s suite of commercial applications to maximise margins.

From financial analysis and forecasting to transactional and supplier communication, our feature-packed financial tools – including at-a-glance display options – mean invoicing, pricing, cost management and catering is managed more profitably with APM.



ProfitSim

ProfitSim’s shares schedule sets with APM’s scheduling and crewing simulation tools – ScheduleSim and CrewSim – and you can test unlimited scenarios to calculate revenue and direct, indirect and overhead costs to discover the most profitable schedule.

Every scenario you create is tested against a database of supplier and direct operating costs which can be duplicated and refined to forecast the effect of cost changes. A currency database lets you convert supplier costs to your preferred accounting currency too.

ProfitSim’s ‘revenue by destination’ database lets you forecast flight revenues by periods based on anticipated seat load factors. Not only will ProfitSim generate expected revenues and costs for each flight, it can also predict profitability for an entire flight programme over a season.

With its ability to identify loss-making and low-margin flights, ProfitSim offers vital insights that decision-making before flight operation. And both gross and net margins – which account for all overhead costs – can be precisely calculated.

Results can be evaluated by network, schedule, fleet, route, flight type and destination – offering invaluable data for KPI setting such as ASK (Available Seat Kilometres), RASK (Revenue per Available Seat Kilometre), ASM (Available Seat Miles) and RASM (Revenue per Available Seat Mile). Plus profitability, of course.

ProfitSim offers a range of reports including costs, revenue, profitability, and the ability to compare forecasted and actual performance.

And because ProfitSim seamlessly connects with APM’s SchedulePlanner you can import live schedules – without the need for any intermediary software.



QuoteManager

Airlines worldwide rely on APM’s QuoteManager to quickly and easily forecast flight profitability, and accurately calculate sub-charter and leasing costs.

By keeping up-to-date supplier rates in QuoteManager’s comprehensive database you can accurately calculate costs for potential flights and flight rotations.

Whether it’s handling, engineering, parking, fuel, passenger taxes, over-flight, catering, crew, cargo, distribution and overheads, with QuoteManager, it’s covered.

That’s because costs are stored in a ‘cost set’. And not only can you keep your cost set up-to-date with current costs, you can also duplicate and refine it to forecast future costs based on actual or predicted supplier cost changes.

QuoteManager’s exchange rate currency database also means that supplier costs can be easily converted to your airline’s preferred accounting currency.

You can calculate the seat and cargo revenue required to target margins and, because QuoteManager calculates flight profitability alongside forecasted flight revenues and costs, you can adjust revenue to reach your target margin too.

Once flight calculations are complete you can generate a comprehensive quotation – saved and stored so it is available to view in future – to send to distributors.

And when a quotation is accepted you simply record acceptance and add the flight to the production schedule in APM’s SchedulePlanner.

SchedulePlanner



ProfitSim
Model fleet profitability by calculating revenue and costs generated from schedules.

QuoteManager
Forecast the financial implications of a proposed flight rotation or sector.

YieldPlanner
Allocate seat prices and control yield by flight series, rotation or sector.

InFlightServices
Manage and account for catering requirements with suppliers.

SmartOps



FinanceWhiz
Manage and reconcile supplier costs and invoices.



YieldPlanner

is a powerful tool to simplify seat sales and distribution so you can more easily maximise revenues and manage yields – especially in the chartered aviation market.

You can assign revenue however you’d like – by seats, by flights and flight rotations, or by flight series within an IATA season.

Its database of distributors and brokers means that, as seats are sold, you can match seats with the right distributors.

Sales tracking and invoice templates let you issue pre-flight and post-flight invoices which include airport passenger and security charges based on the contracted terms stored in your YieldPlanner distributors’ database.

For instance, YieldPlanner automatically reconciles the Passenger Tax total to invoice based on the real pax load compared to the amount already invoiced.

YieldPlanner offers the ability to generate a range of reports including identification of aircraft seat availability and sales figures.

For seamless software performance, APM’s SchedulePlanner is able to share live schedule data with YieldPlanner without the hassle of intermediary software.



FinanceWhiz

FinanceWhiz lets you calculate a flight’s direct operating costs using suppliers’ agreed contracted rates, your finance team can easily reconcile invoices once they’re received.

You can generate an accruals report that itemises expected supplier costs against the actual flight-time, letting you easily spot differences between agreed and invoiced costs.

What’s more, FinanceWhiz will automatically import Fuel and Eurocontrol invoices via an EDI link and match those invoices to accruals.

Like QuoteManager and ProfitSim, FinanceWhiz features a currency database so supplier costs can be easily converted to your preferred accounting currency.

Its range of performance reports include flight performance, and passenger and fuel-burn details – plus an optional extract feature means FinanceWhiz can share data with your own data warehouse and financial ledger.

And because FinanceWhiz seamlessly connects with APM’s SmartOps flight logs, your live schedule feed is shared automatically with FinanceWhiz without the need for any intermediary software.



InFlightServices

InFlightServices lets you easily select, assign and manage meals, drinks and more for passengers and crew on every flight in your schedule.

Once you've chosen the on-board items you'll offer – by supplier and associated costs – you can create any combination of items to suit a range of departure times and flight durations, and specify the catering-loading airport too.

InFlightServices automatically identifies and allocates the in-flight items you'll need to meet expected passenger numbers for each flight in your schedule.

What's more, InFlightServices generates a report for catering suppliers which not only provides itemised requirements for each flight and confirmation of the airport where catering will be loaded but calculates the total cost of catering too.

And when there are changes to flight schedules, in-flight requirements are automatically updated too.

Because InFlightServices seamlessly connects with APM's SchedulePlanner and SmartOps, the live schedule feeds flight information automatically into InFlightServices without the need for any intermediary software.

Any time, any place

Instant online access to modules means that your teams can view the latest information, whenever and wherever they are. APM offers a browser-based view of two essential tools.



WebOps

With WebOps not only can your own teams view the latest schedule information whenever they want, anywhere in the world, but remote stations, departments and handling agents are also able to see updates to any permitted schedule without having to contact you. What's more, because OOOI messages can be entered into flight sectors with the appropriate user right via WebOps, the SmartOps system is updated without the need for IATA messaging.



CrewWebPlus

CrewWebPlus: An optional addition to CrewLogic, CrewWebPlus gives your crews access to essential information – including rosters, roster changes, messages, personal information and crew briefings – at anytime, anywhere, via the web. CrewWebPlus lets you send messages to your Crew controller, who can view and reply in CrewLogic.

APM and integration

APM Integration Server means integration of APM modules with third-party software couldn't be easier. Our developers have wide-ranging experience in WebServices, XML integration, Rest Server, MQSeries and IATA messaging. Working with your IT leadership team, we'll make sure that APM's applications dovetail with existing software for enhanced operations that includes passenger, freight, flight plan, weather and Notams data – plus schedule data feeds to third-party systems.

Airline communication

APM software supports IATA and ACARS messaging such as ASM, SSM, SCR, MVT, LDM, AAS, SHL, including DEIs between airline operations and handling agents, airport coordinators, air traffic control and reservation systems. Our SmartTelex module receives and transmits specified IATA messages to and from the APM database and on to SITA and ARINC networks – and by email if your airline prefers. APM can also receive and generate SSIM files too.

IT administration

APM's Settings module gives your airline's IT team the ability to configure modules tailored to your airline's needs. This includes assigning access and user rights, standardising templates and colours, and activating specific functions or behaviours.

When APM releases upgrades we'll provide training for your IT team which means they can handle software patches and version upgrades with confidence and your airline's soon updated with the latest release.

Training and support from APM

Optimising our software modules to meet your airlines' exacting standards is second nature to our experienced consultancy team. APM's support and expertise includes:

- Configuration and installation of modules – whether you are replacing existing software, installing APM as your first system or even using APM in conjunction with other tools.
- Effortless integration – we'll get to grips with your existing software and hardware so your APM modules are configured the right tools installed exactly the way you need.
- Configuration you can count on – we'll ensure APM's optimisers in SchedulePlanner, ScheduleSim, CrewLogic and CrewSim are configured just the way your airline needs.

Comprehensive user training – we'll make sure your airline's users understand exactly how to get the most out of APM's applications.

About Us

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