

FLEXIBILITY IN FLIGHT



WHEN YOUR AIRLINE DEMANDS an automated flight and crew management system – choose SkedFlex, the full-featured, affordable, innovative, expertly supported air operations suite designed to meet your needs and exceed your expectations.

With its scalable, cloud-based platform and optional modules, SkedFlex is the ideal choice for any airline.





SKEDFLEX – A BETTER ALTERNATIVE IN AIRLINE AUTOMATION

SkedFlex is the full-featured software solution for managing an airline's most important assets—its people and its fleet.

SkedFlex is a comprehensive Air Operations Suite of tools providing airlines and air operators the ability to schedule and manage crewmembers, flights, and aircraft in a flexible, efficient, and visual manner.

Quality of Life, Quantified

Simply put, life is better with SkedFlex.

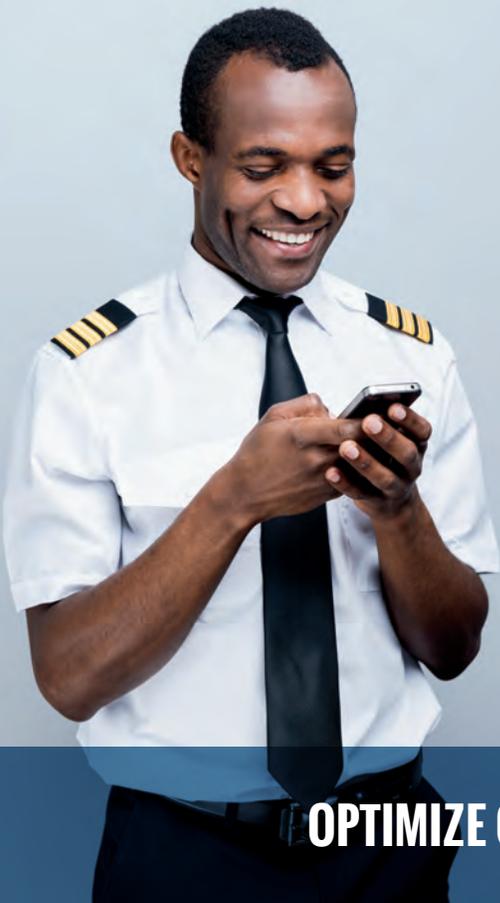
From airlines with tens of thousands of employees to regional, charter, or cargo airlines, SkedFlex improves business performance. Enjoy tangible results including reduced operating costs, lower administrative workload, greater efficiency and enhanced safety.

Furthermore, customers report increased morale among employees translating to lower absenteeism and turnover: a win/win proposition for air carrier and employee alike.

Flexibility—The New Competitive Advantage

By combining modern automation with usability and scalability, SkedFlex addresses customers' immediate and future business needs – a welcome alternative to the higher-priced, less-capable, and poorly supported legacy systems of yesterday.

The SkedFlex approach to today's complex regulatory environment is innovative and user-friendly, and can integrate with existing frameworks or operate as a stand-alone solution. From daily operations to advance planning, SkedFlex allows its users to optimize, schedule, and track both workforce and fleet.



Playing By The Rules Just Got Easier

The success and growth of your business depends on efficiently managing personnel and balancing their needs while navigating complex flight, duty and rest requirements. By automating planning, day-of and post-flight operations, SkedFlex reduces overhead and optimizes efficiency while ensuring regulatory compliance.

Unlike other systems, SkedFlex is easy to use. At a glance, you can visualize your entire organization and get the detailed statistics needed to control all aspects of management, tracking and scheduling, along with training and vacation shifts.

Crewmembers benefit from 24/7 schedule access and can request changes from anywhere on any device. And automatic reminders and notifications mean they're in the right place at the right time, every time. SkedFlex helps your crewmembers play by the rules while maintaining their quality of life – a win/win for everyone!

OPTIMIZE CREW SCHEDULING & MANAGEMENT

Rules Management

Say goodbye to spreadsheets: our sophisticated rules engine manages compliance, so you don't have to.

- Complies with 14 CFR Parts 91, 117, 121, 125, and 135 scheduled/non-scheduled.
- Compliance with other regulatory authorities upon request.
- Heated, color-coded warnings show how close crewmembers are to limits.
- Customizable to accommodate company rules and settings.

Crew Tracking

Immediately gauge the legality of your whole operation, employees, trips and flights.

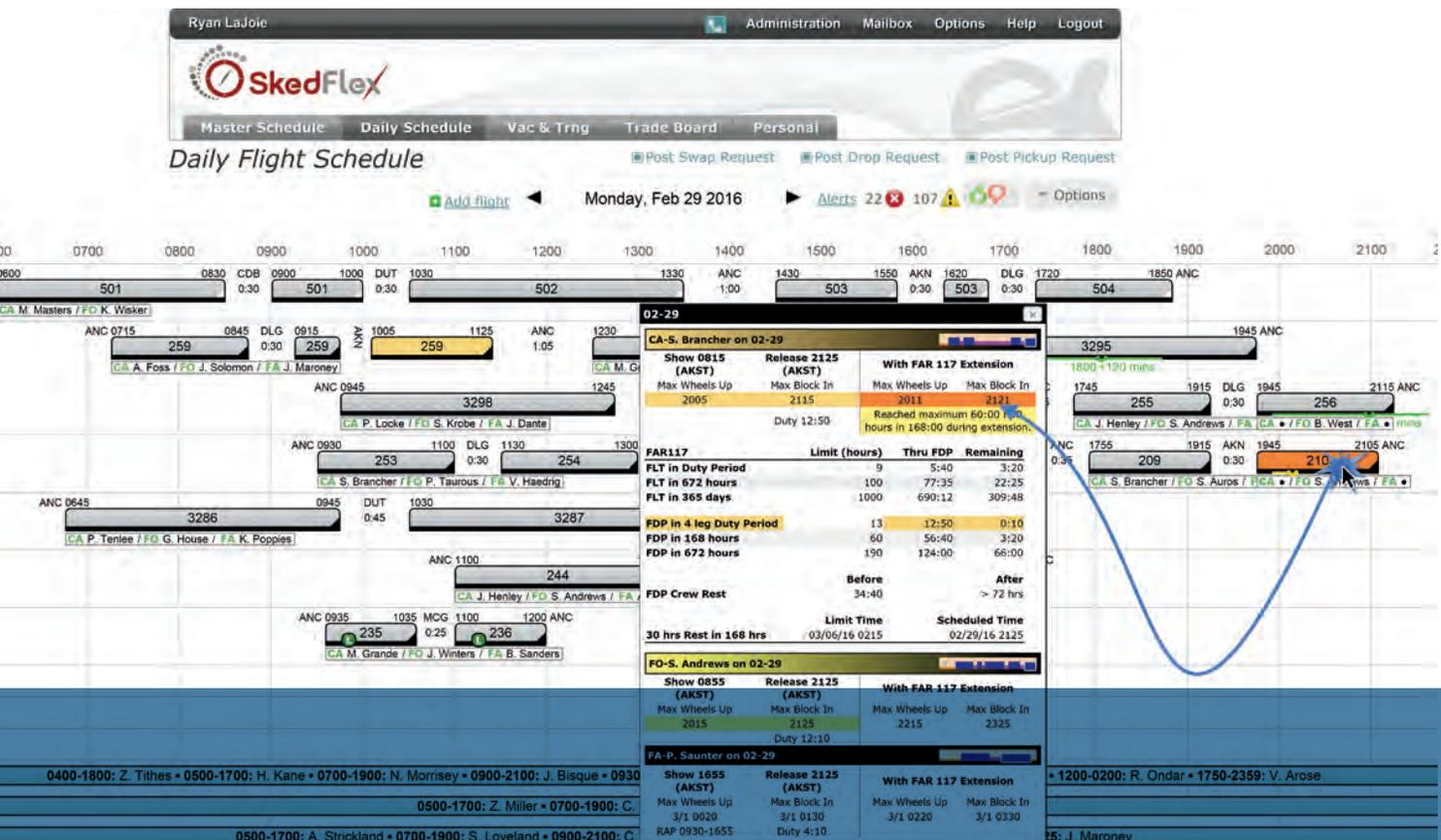
- Regulatory crew data displayed in an intuitive, user-friendly format.
- Spark lines show crewmember limits and impending exceedances.
- Detailed analysis of individual stats like duty days and flight days.

Vacation & Training

Employees get full view of openings for time off, and supervisors can choose optimal dates to schedule training.

- See scheduled vacation and training events for an entire year.
- Training and vacation shifts instantly display with proper duration.
- Improve morale with better and more predictable vacation and training scheduling.

	Jan 14 Thu	Jan 15 Fri	Jan 16 Sat	FAR117 Sparklines	
P. Landry-ANC/CA	XCLD 3290-CA	9280-CA	OFF	Max Limit Reference Line Flight Time in 365 days Flight Time in 672 hours Flight Duty Period in 67. Flight Duty Period in 168	
FLT 8:00 FDP 9:00					
365d 18:41 168h 24:23 672 FLT/FDP					
672h 18:27 672h 70:51 30%					
B. Osiek-ANC/CA	XCLD 3284-CA	505-CA	3284-CA		
FLT 2:33 FDP 2:54					
365d 154:26 168h 32:35 672 FLT/FDP					
672h 2:49 672h 39:03 22%					
C. Brown-PDX/CA	244-CA	3290-CA	235/3294-CA	3294-CA	OFF
FLT 3:02 FDP 5:15					
365d 22:32 168h 22:23 672 FLT/FDP					



Scheduling & Notifications

Bring operations to life no matter where you are. Spend less time addressing schedule issues and more time enhancing operations.

- Create schedules in advance or make critical "day of" changes.
- Customized templates enable large-scale scheduling for all shift types, including reserves.
- Immediately see the legality of potential schedule changes.
- Automatically send schedule and duty-change notifications to each crewmember using their desired notification method(s).
- Distribute workload across multiple supervisors simultaneously.

↑ [Daily Flight Schedule Page](#) showing tomorrow's flights and highlighting a captain who is close to exceeding a duty limit.

← [Crew Schedule Page](#) with sparklines in view showing trend information for regulatory flight and duty limits.

Trip Trading

Increase crewmember retention by granting them the authority to trade their schedules automatically with whatever level of independence you choose using SkedFlex's integrated trading system.

- Customers report automatic shift/trip trades rapidly increase within six months of implementation.
- Allows crew to pick up, drop or swap trips, shifts and partial shifts.
- Send requests to all affected crewmember(s).
- Blocks trades that are not legal, either for regulatory or company rules.
- Helps ensure operational integrity by reducing unexpected absences that may result from scheduling inflexibility.

Pilot Logbook

Pilots can track and view flying records and effortlessly manage their own aircraft in one place.

- Automated entry of company flying. No error-prone duplication of data input.
- Manual entry of recreational and outside company flying (OCF).
- Flight and duty stats totals and summaries.

Mobile App

- Online/offline capable: stores offline functions and syncs as soon as internet connectivity is reestablished.
- Crew check-in feature.
- Download, read, and compose company mail.
- Full pilot logbook integration.



Fleet and Flights Done Right

Make rapid, informed decisions using dynamic tools for flight and fleet management, all seamlessly integrated within SkedFlex.

By combining aircraft and crew into a comprehensive air operations suite, SkedFlex ensures you always have the “who, what, when, where, and how” of airline operations.

Schedulers and dispatchers will love SkedFlex’s power to help them manage more efficiently with far less stress.

And beyond normal operations, SkedFlex is poised to help with irregular operations like delays, cancellations, diversions, turn backs, and aircraft swaps, all coordinated and communicated throughout organization with aplomb.

DYNAMIC TOOLS FOR RAPID, INFORMED FLEET MANAGEMENT

Visual Aircraft Tracking

Make on-the-fly decisions with dynamic representations of aircraft, flight, crew, and ground operations.

- Assign tail numbers and track for last known location, crew, flight and equipment status.
- See schedule by base, equipment and tail number, with auto-updating of actual vs. scheduled.
- Color codes signal flights in progress, in the future, and in the past.
- Define routing and required crew positions.
- Up to seven-day Gantt view of all flight details, and monthly roll-up of flight numbers.
- Integrates and differentiates between flights operating under different regulatory rule sets.

Flight Schedule Importer

Quickly populate a monthly schedule of flight segments with minimal manual input.

- Imports flight data using IATA standard SSIM-formatted messaging and checks for mismatches.
- Integrates with external systems and updates flight schedules.
- Perform imports daily or for a specific date range.
- Run multiple “what if” scenarios for the same equipment and base before finalizing a schedule.

Movement Message Exporter

Export any and all information to third-party systems with the message exporter.

- Send flight creation and deletion, cancellation, OOOI times, taxi-back, air return, diversion, ground reposition, and

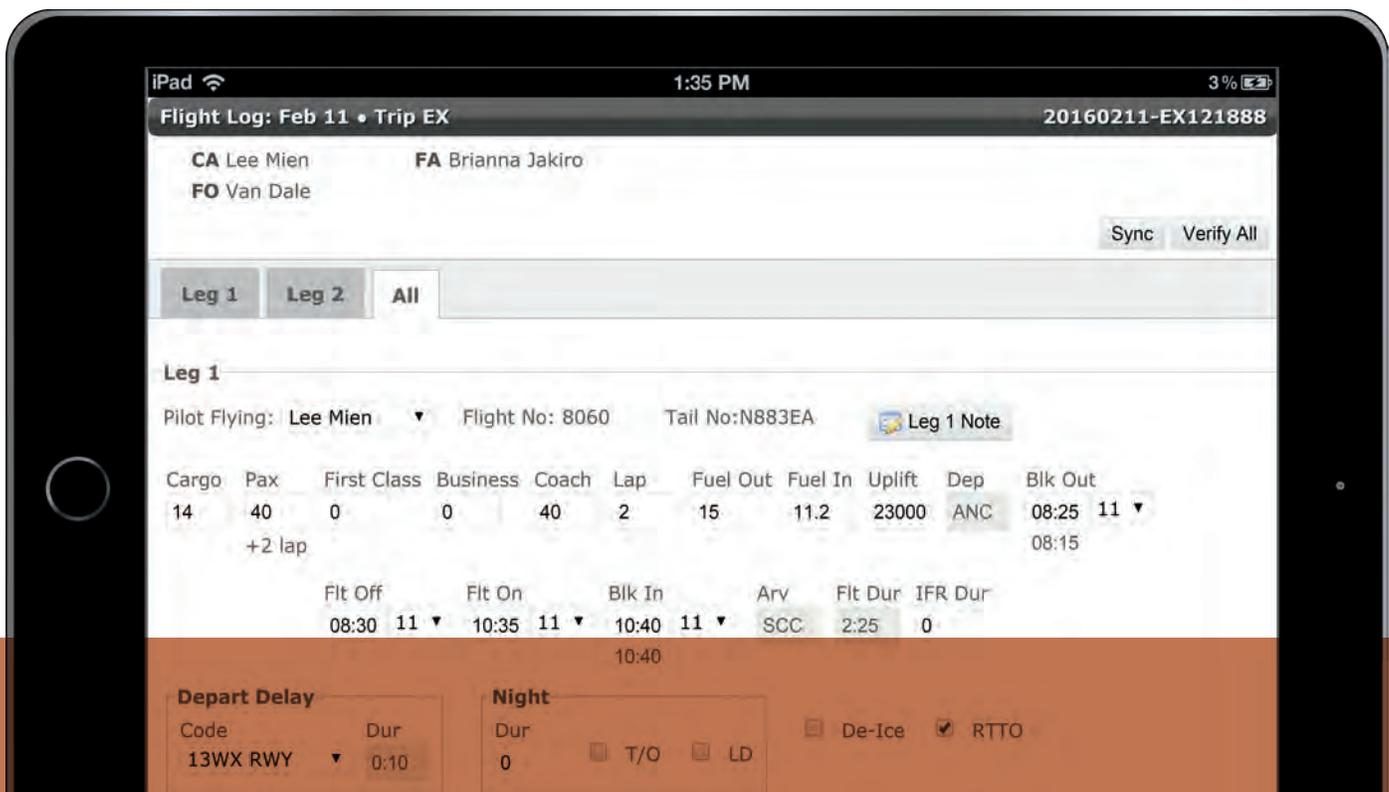
pertinent flight log information (crew, passenger counts, cargo, fuel, weights, etc.), with ease.

- Additional parameters are configurable by request

Flight & Shift Templates

Simplify the large-scale creation of flights, shifts, assignments, routes and trips with templates.

- Create customized flight and shift templates, then combine flights into routes.
- Make flight templates ahead and export when needed; shift templates appear upon creation.
- Non-scheduled airlines can combine flight templates with route building to greatly streamline building monthly schedules.



Route Building

When combined with flights, route building allows you to create massive numbers of assignments quickly and maximize crew resources.

- Customize routes for any equipment and base combination.
- Only allows routes that are physically possible.
- Select or prevent days for routes to run.
- Once assigned, a route assigns everything else, including attached reserve crew.
- A reserve shift can be “tacked on” to the beginning or end of a route, so it is assigned when the trip is assigned.

OOOI & Aircraft Movement

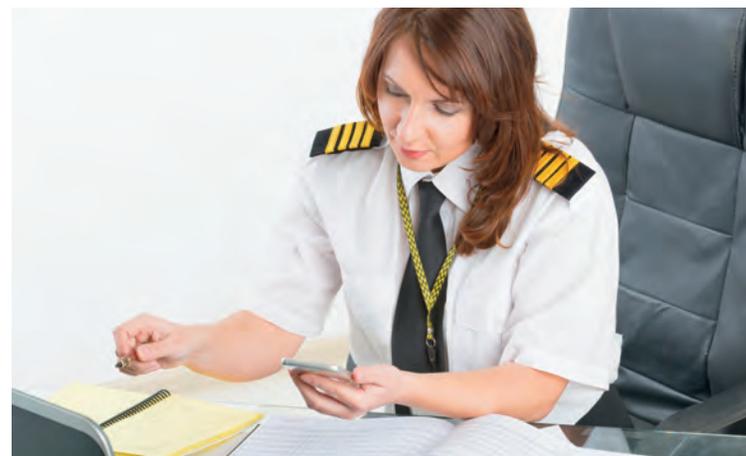
SkedFlex integrates with external systems to clearly track and share all aircraft movement – on the ground and in the air – to reduce mistakes and save time.

- Automatically captures precise out, off, on, and in (OOOI) times from ACARS, TAMDAR or AFIRS equipped aircraft, or OOOI times can be manually entered.
- Detects delays and recalculates updated out and in times.
- Flight verification feature gives scheduler the final say.
- Real-time movement messages include taxi-backs, air returns, diversions and cancellations.

Flight Log

Designed for use with an Electronic Flight Bag (EFB) or mobile application. Records desired aspects of flight even when en-route with or without an internet connection.

- Allows permitted administrators or pilots to enter flight data.
- Data is verified independently for accuracy.
- Includes cargo and passenger counts, fuel amounts, OOOI times, night flying, delay codes, and many other data input choices.

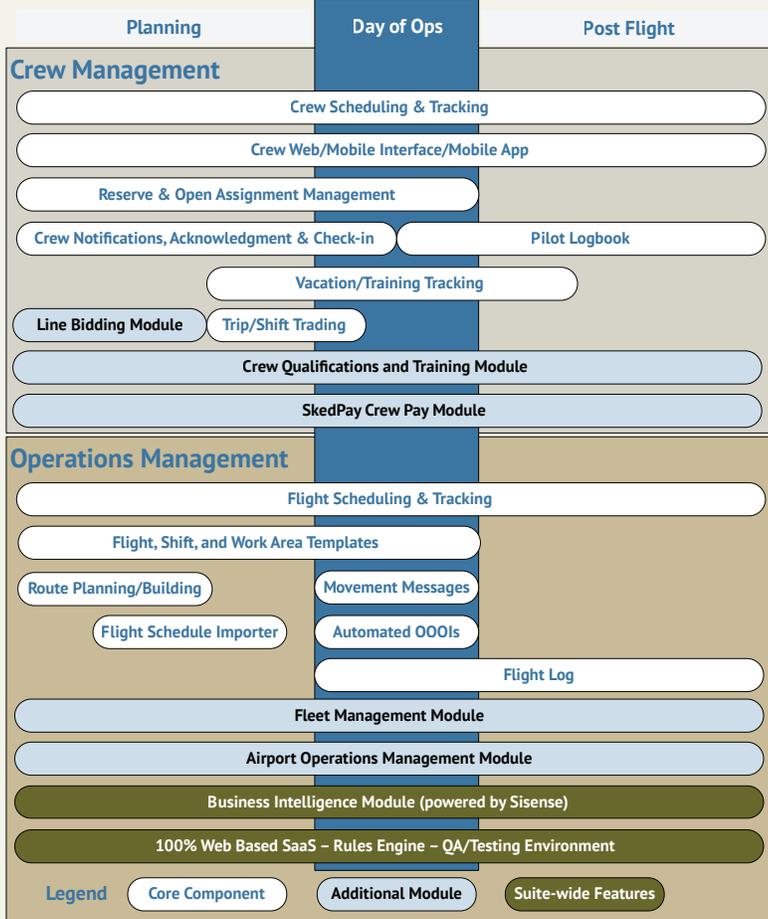


↑ EFB Flight Log displaying all legs for today's trip.

SKEDFLEX – A BETTER ALTERNATIVE IN AIRLINE AUTOMATION



Air Operations Suite



The SkedFlex Air Operations Suite map at left has columns that span the planning stage, the day of operations, and the post flight periods; while the rows denote the features and the phase(s) to which each feature applies.

SkedFlex's core components offer a wide range of standard capabilities that become even more powerful when combined with one or more optional modules – making SkedFlex **the ideal choice for any airline.**



BUSINESS INTELLIGENCE

So Much Data – So Little Time

Operating an airline efficiently and profitably requires sifting through vast stockpiles of data – flight logs, maintenance records, delay reports, and so on. Unfortunately, throughout much of aviation’s history, data analysis and business intelligence (BI) was limited to extracting data from nothing more than scores of spreadsheets – a manual, workload intensive process that struggled to produce illuminating information.

Data Unleashed

eTT Aviation integrates BI across the entire SkedFlex Air Operations Suite. Gone are the days of tedious data mining and conflicting or incomplete results. The SkedFlex Business Intelligence module exponentially improves situational awareness and evaluation by joining multiple SkedFlex data sources and processing them for display and analysis using intuitive real-time dashboards.

The Need for Speed

Other, less capable BI solutions suffer significant performance challenges querying multiple

- BUSINESS INTELLIGENCE AND
- ANALYTICS FOR TODAY, TOMORROW,
- AND BEYOND

data sources, a situation compounded by the inevitable demand for ever more complex analytics once an organization discovers the power of BI. The SkedFlex BI module is robust, scalable, and adaptable: any number of complex reports may be handled with unparalleled speed and minimal system impact.

Data Visualization

Everyone absorbs information differently. Some users prefer traditional charts and graphs, while others choose more sophisticated representations. The ability to view analytical results in myriad ways is a core feature of the module, and dozens of widgets and plugins are available to choose from.

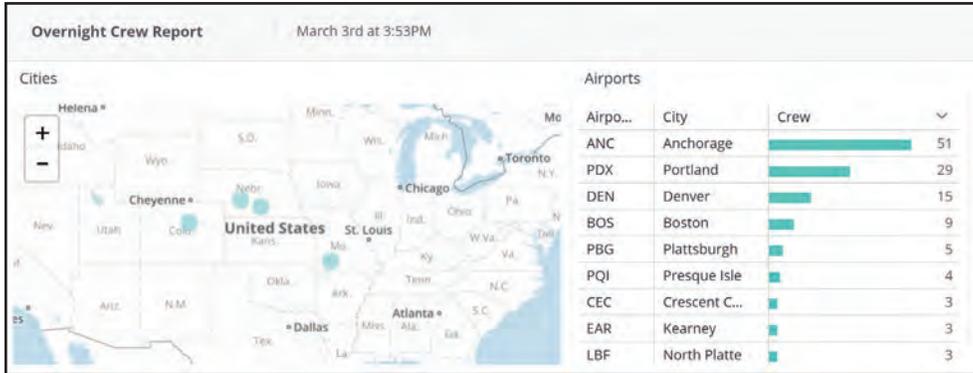
Multi-level Sankey diagram? Sure. Waterfall chart? No problem. Google heatmap? Happy to help. No matter what best serves the user, the SkedFlex BI module truly has something for everyone.

Later is Not Soon Enough

A common misconception is that BI is useful only long after events have occurred to figure out “what happened.” In fact, BI is equally effective at helping to evaluate and resolve both real-time problems and real-time planning needs.

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**ANALYTICS:
PRESENT TENSE**



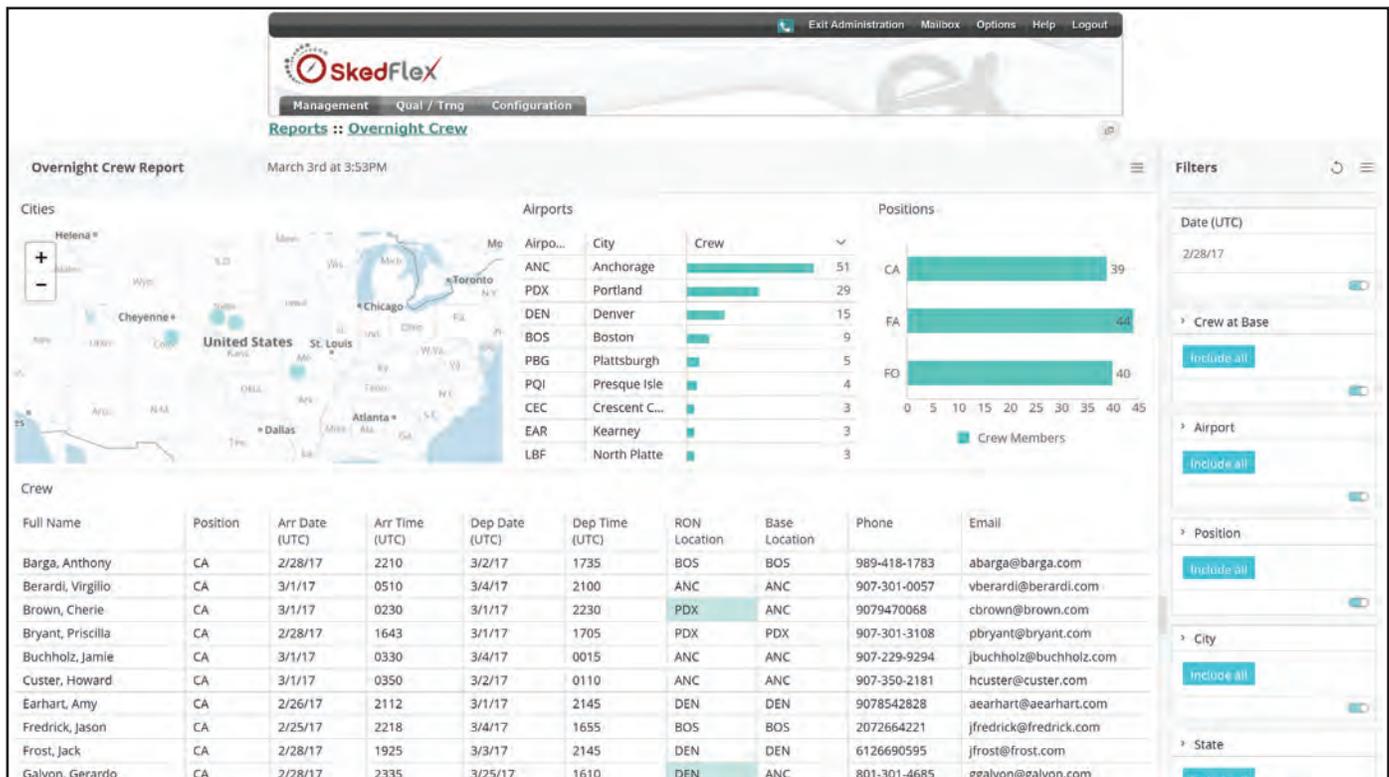
Real-World Example

Airlines have crewmembers perpetually in motion – some at regular bases, some far afield. Managing logistics, like hotels and travel arrangements, requires identifying when and where crewmembers are at any point in time.

Solution? An overnight crew report to display both real-time and predictive crewmember position location. Graphical and tabular data, sorting, highlighting, and exporting are all possible. Virtually unlimited ways to slice and dice data to make sound resource allocation decisions and improve operating efficiency. The SkedFlex Business Intelligence module has something for everyone.

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**ORCHESTRATE
COMPLEX LOGISTICS
LIKE A PRO**





QUALIFICATION & TRAINING

Ready for Takeoff

Tracking flight crew qualifications doesn't have to be such a laborious and detail-oriented process – or a constant drain on your organization's time and money.

SkedFlex offers a powerful and easy-to-use module that automates, tracks, and manages qualifications and training. With it, administrators can see their entire organization's qualification statuses, assess the urgency of upcoming renewals, schedule one-time and recurring training more efficiently, and upload sign-off documentation.

The module ensures crewmembers are current and qualified in accordance with regulatory requirements and is customizable to include company-specific regulations. It color-codes and sorts qualifications, so an airline knows immediately which crewmembers are qualified to fly on any given day and which qualifications are approaching expiry. Within moments, schedulers can zero-in on any issues, fix them, and have SkedFlex keep all the stakeholders notified.

You'll never again worry about keeping records accurate or up-to-date, because SkedFlex can do it automatically! And if automated reporting is a goal, eTT Aviation is committed to helping your organization achieve A025 Operations Specification (or equivalent) certification.

- STOP WORRYING ABOUT
- CREWMEMBER CURRENCY OR
- QUALIFICATION STATUS – SKEDFLEX
- CAN DO IT AUTOMATICALLY!

All the Necessary Qualifications

In the core SkedFlex implementation, administrators use a checkbox to indicate whether a specific qualification is current. Once the Qualification and Training module is activated, many additional features are enabled to provide administrators with the ability to set up and define comprehensive lists of expiration-based qualifications and manage them for an unlimited number of employees.

Qualifications can be imported by SkedFlex from a spreadsheet or created manually by administrators. Once created, they are defined by a variety of specifications, including the organization, position and equipment they apply to, whether they take place once or recur, require a certain threshold to be met, or are based on recency of experience – like takeoff and landing currency.

Qualification Management Comes Alive with Color

Unrivaled qualification management and tracking capabilities, live and in living color – literally. Whether reviewing qualifications, guarding against violations and warnings on the Go/No Go page, or managing the training schedule, administrators have complete control to oversee qualification management workflows. And employees can monitor their own qualification statuses with ease.

Pages of Power

SkedFlex records and tracks qualification information so administrators can keep a birds-eye-view on employees, Go/No Go statuses, and the monthly training plan (below).

Master Qualifications provide a hierarchical container for dependent qualifications. Rather than parse myriad records to determine each qualification, master qualifications provide on-stop-shopping for status information. Thus, if a captain's master qualification for a specific type is "current," then, by definition, all "child" (dependent) qualifications are also current. And color-coding master qualifications makes tracking even easier!

Managing Qualifications is a snap. Use the monthly training plan long-range tracking and scheduling; the employees table for individual management; and the dequalification report for tracking expiry dates. Operators of every size benefit from the confidence of maintaining full regulatory compliance with the SkedFlex Qualification and Training module.

MAKE GO/NO GO DECISIONS IN REAL TIME WITH 100% CONFIDENCE

MASTER THE MANAGEMENT OF QUALIFICATIONS AND TRAINING

Qual Name	Unqualified	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018
24 Month Instructor Observation		E. Garland					M. Eaton	
CRM Pilots				C. Espinoza			C. Willson L. Manning V. Alexander	
FEAT and FRMP - Fit Crew	L. Chin	C. Martin J. Shih C. Espinoza C. Smith W. Ramos R. Belcher	V. Alexander L. Manning C. Walker B. Grace L. Cullen G. Gilbert P. Ferraro R. Bello	S. Latimer K. Tavares S. Abbott V. Wilcox T. Botello		C. Howington E. Hoffman A. Fitts	H. Bryant I. Singer	C. Ba C. W C. Ae F. Me T. Co
Flight Crew Recurrent Ground		S. Sanders R. Belcher C. Martin J. Shih C. Espinoza L. Cullen C. Smith P. Rivera W. Ramos L. Chin	V. Alexander L. Manning B. Grace G. Gilbert P. Ferraro R. Bello	S. Latimer K. Tavares S. Abbott V. Wilcox T. Botello Walker		A. Fitts	H. Bryant C. Howington I. Singer	E. Ho



CREW PAY

Smart Money Starts Here

Crew pay is complicated! Without smart automation, administrators are left to struggle with the burdensome, time-consuming, and error-prone manual calculations that sap profit and productivity.

Enter SkedFlex's Crew Pay module – the definitive tool for ensuring pay accuracy and accountability that can literally pay for itself in savings from overpayments alone!

Crew Pay's flexible, defined procedures accommodate a virtually unlimited number of pay scenarios using features like pay-rate tables, pay triggers, and pay buckets. Rate tables based on position and longevity determine hourly pay, while pay triggers initiate payment when specific events take place and debit pay buckets as required. Exporting pay data is no problem either: virtually any payroll system is supported for processing.

Crew Pay provides each crewmember a personal location for reviewing pay autonomously – a feature administrators will cherish.

The net result? The pay process becomes fully transparent, permitting crew input and supervisor approval at every stage.

- CONSISTENTLY ACCURATE PAY
- BUILDS TRUST AND INSTILLS
- CONFIDENCE BETWEEN EMPLOYEE
- AND EMPLOYER

Trigger Happy

Six types of triggers encompass nearly every variable needed to determine crew pay. Each trigger is configured to dictate to which organization and position it applies, what circumstances activate it, and how pay will be awarded. Most criteria-based triggers automatically award pay; manual triggers are used in ad-hoc pay situations that cannot be known in advance.

Within an organization, trip/flight, shift, and schedule code triggers apply to specific segment types, shifts, and schedule codes. Shift and schedule code triggers are further designated by their interactions with other pay triggers. Minimum monthly guarantees and overtime are governed by month/day triggers, and per diem triggers – based on time away from base – can be configured differently for domestic and international operations.

Ultimately, the combination of all trigger configurations determines the behavior of each pay code.

Stop the Madness

In no time at all, administrators set up pay rates and triggers and bring sanity to the crew pay process. Automated functions take the pain out of manual pay calculations and provide everyone with newfound confidence in the pay process.

For example, a drill down summary of total pay for the selected month is available to each crewmember on the “my schedule” page – providing dramatic improvement in situational awareness and transparency. And for clarity, the page lists all definitions and triggers determining when pay is awarded.

For time-based calculations, pay is configurable to be based on the greater of scheduled vs. actual flight time; the percentage of actual time spent on a certain segment; a fixed payment with an exact cash value; or a specific task or assignment. And Crwe Pay will use that crewmember’s specific pay rate to calculate compensation.

Crew Pay is equally adept at task-based calculations, such as stipends for specific events and paid time-off banks. Crewmembers can even add pay codes themselves to submit for payment items not automatically calculated, like reimbursable expenses. And because of the way pay triggers are configured, new pay codes can be added any time – at no additional cost.

The accuracy and accountability of SkedFlex’s Crew Pay brings order to the chaos of crew pay by wholly eliminating acrimonious pay disputes and disagreements between employee and employer. It’s the surefire way to build trust, instill confidence, and “stop the madness.”

- TURN EXASPERATING
- PROCESSES INTO
- ELEGANT SOLUTIONS
- IN NO TIME AT ALL

- MAKE DISPUTES OVER
- PAY A THING OF THE
- PAST

My Schedule | Flight Time Duty Log | Change Log | Print | iCal | Google Cal

March, 2016

1 Pay Info:

Trigger	Hours	Cash
.160 CEC-PDX	1:20	\$66.67
.161 PDX-CEC	1:40	\$83.33
.162 CEC-PDX	1:20	\$66.67
.165 PDX-CEC	1:47	\$89.17
TOTAL		\$305.83

2 Pay Info:

Trigger	Hours	Cash
OFF	2:30	\$125.00

3 Extra Pay Info

Trigger	Occurrence	Cash
ADMN	1	\$150.00

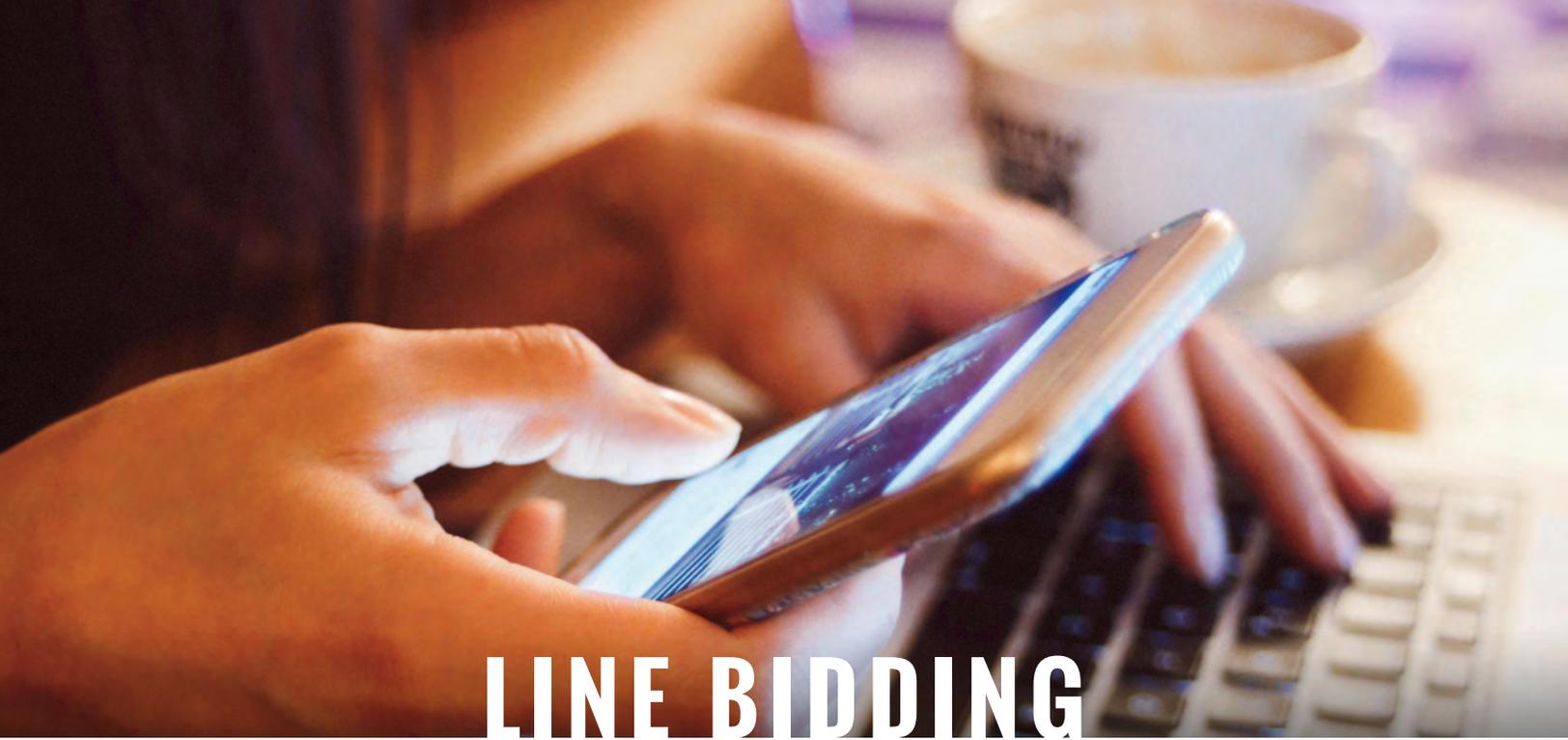
4 Add Pay Trigger

Trigger: ADMN
Date: 2016-03-31
Occurrences: 1
Pay Type: Hourly
Pay Amount: 3:00
Comment:

5 Pay Summary

SCHED	\$4,477.50
RES	\$2,200.00
ADMN	\$150.00
OFF	\$125.00
Total	\$6,952.50

- 1 Pay triggered by greater of scheduled vs actual flight time
- 2 Pay triggered for flying on scheduled day off
- 3 Manual pay triggered by administrator
- 4 Pay triggered for certain pay codes by crewmember
- 5 Summary of all pay triggers for selected month



LINE BIDDING

Quality on the Line

An innovative line bidding process incorporates crewmember preferences – improving their morale and quality of life while helping your organization allocate costly resources more efficiently.

SkedFlex provides all the necessary tools for bid line construction, line bidding and line repair in a single module that's tightly integrated with the main system, and shares the same user-friendly interface. It helps schedulers create, optimize and resolve conflicts in bid lines, and empowers flight crews to prioritize bids, so they can tailor work schedules to best meet their needs.

Schedulers can easily construct lines of flying that not only satisfy legal and contractual obligations, but also take operational targets into account. Our system gives greater control over flying and reserve coverage, helps eliminate conflicts and simplifies line repair while providing greater transparency of seniority, so flight crews can save time and bid on lines they're more likely to hold.

- EMPOWERS FLIGHT CREW TO
- PRIORITIZE BIDS, SO THEY CAN
- TAILOR WORK SCHEDULES TO BEST
- MEET THEIR NEEDS.

By the Numbers

The Line Bidding module opens a world of additional functionality, with all the intuitive features users expect from SkedFlex. Numbered bid lines populated with visual trip details bring bidding to life. They're created by an airline's schedulers, who can apply scheduling rules to partially construct lines, simply drag-and-drop imported flight segments, routes or trips onto the numbered lines, or build them from scratch.

After lines are published for monthly bidding, crewmembers can use any device to rank them in order of preference, or create a standing bid that automatically prioritize lines for them – and places a bid using their pre-defined criteria should they forget. When bidding closes, lines reflect crew preferences in order of seniority, and schedulers can review and repair lines before they are awarded and crews notified.



Lines of Duty

Numbered bid lines reflect each assignment available in a category defined by base, equipment and position, and further designated as flying, reserve or both. These numbered rows display down a page, and span the month being planned. Visual trip details paint a vivid picture of a category's bid lines, illustrating trips, flight segments and duty periods.

During **Line Construction**, schedulers create an unlimited quantity of numbered bid lines for each category. They can add trips with just a drag-and-drop or use a copy feature to expedite creating similar lines. Pre-loaded vacation and training help schedulers construct the right number of lines every month.

Line Bidding begins once lines are published and an automated message informs crews when bidding opens and closes. Logging into SkedFlex displays a page with their category's available bid lines for the month. Crewmembers simply drag any desired bid lines and drop them in order of preference at the top of the page to form their bid.

Standing bids can further simplify bidding. Once a crewmember specifies essential criteria – like days of the week, layover cities and lengths, and arrival and departure times – SkedFlex loads bid lines in this order, and even submits a bid if they fail to do so on time.

Submitting a bid locks in preferences, though bids can be updated any time during the bidding window. As bids are submitted, SkedFlex sorts them by seniority and preference, and indicates a “tentative owner” for the most senior crewmember desiring a line – saving time for junior personnel, who can then preference lines they'll more likely be awarded.

Schedulers accustomed to complex **Line Repair** to resolve conflicts in submitted bid lines will find the task greatly streamlined, and their need for reserve coverage lessened. After bidding closes, SkedFlex highlights conflicts with vacation, training and carry-in from previous months, and shows data like block hours, away time and FAR legalities, including buffer information. Supervisors and other staff are able to review and approve assignments before they are ultimately published and crewmembers notified.



**SCHEDULERS
ACCUSTOMED TO
COMPLEX LINE
REPAIR TO RESOLVE
CONFLICTS IN
SUBMITTED BID
LINES WILL FIND
THE TASK GREATLY
STREAMLINED, AND
THEIR NEED FOR
RESERVE COVERAGE
LESSENERD.**

- 1 Available lines for bidding in specific category (base/equipment/position)
- 2 Bid lines dragged from below in order of desirability
- 3 Bid line being dropped into desired sort position
- 4 Faded bid line showing previous position

	Apr 1 Fri	Apr 2 Sat	Apr 3 Sun	Apr 4 Mon	Apr 5 Tue	Apr 6 Wed	Apr 7 Thu	Apr 8 Fri	Apr 9 Sat	Apr 10 Sun	Apr 11 Mon	Apr 12 Tue	Apr 13 Wed	Apr 14 Thu	Apr 15 Fri	Apr 16 Sat	Apr 17 Sun	Apr 18 Mon	Apr 19 Tue	Apr 20 Wed
My April Bid																				
2 BID LINE 04	PH RES-CA	161-CA	160-CA	PH RES-CA	OFF	OFF	PDX RES-CA	161-CA	160-CA	160-CA	PH RES-CA	OFF	OFF	PDX RES-CA	PH RES-CA	161-CA	160-CA	PH RES-CA	OFF	OFF
BID LINE 11	BOS RES-CA	BOS RES-CA	OFF	127-CA	124-CA	270-CA	BOS RES-CA	BOS RES-CA	OFF	OFF	263-CA	124-CA	270-CA	BOS RES-CA	OFF	OFF	OFF	127-CA	124-CA	270-CA
BID LINE 09	BOS RES-CA	127-CA	130-CA	124-CA	270-CA	OFF	OFF	BOS RES-CA	BOS RES-CA	BOS RES-CA	BOS RES-CA	OFF	OFF	OFF	OFF	127-CA	264-CA	130-CA	270-CA	BOS RES-CA
Apr ANC/SF3/CA Bid Lines																				
1 BID LINE 01	3298-CA	3298-CA	3298-CA	251/241-CA	OFF	OFF	3290-CA	251/4-CA 25	3286-CA	OFF	3286-CA	3286-CA	3286-CA	3294-CA	RES 209-CA	RES 200-CA	I201/4-CA 20	501-CA	501-CA	501-CA
BID LINE 02	PH RES-CA	OFF	OFF	161-CA	160-CA	160-CA	PH RES-CA	PH RES-CA	OFF	OFF	161-CA	160-CA	160-CA	160-CA	PH RES-CA	OFF	OFF	161-CA	160-CA	160-CA
BID LINE 03	160-CA	OFF	OFF	PH RES-CA	PDX RES-CA	PDX RES-CA	161-CA	160-CA	OFF	OFF	PH RES-CA	PDX RES-CA	PDX RES-CA	161-CA	160-CA	OFF	OFF	PH RES-CA	PDX RES-CA	161-CA
BID LINE 05	PDX RES-CA	PDX RES-CA	PDX RES-CA	PDX RES-CA	PH RES-CA	OFF	OFF	PH RES-CA	PDX RES-CA	PDX RES-CA	PDX RES-CA	PH RES-CA	OFF	OFF	PDX RES-CA	PDX RES-CA	PDX RES-CA	PDX RES-CA	OFF	OFF
BID LINE 06	161-CA	160-CA	PH RES-CA	OFF	OFF	161-CA	160-CA	PDX RES-CA	PH RES-CA	PH RES-CA	OFF	OFF	PH RES-CA	PH RES-CA	161-CA	160-CA	PH RES-CA	OFF	OFF	PDX RES-CA
BID LINE 07	OFF	PH RES-CA	161-CA	160-CA	160-FO	PH RES-CA	OFF	OFF	PH RES-CA	161-CA	160-CA	160-FO	PH RES-CA	OFF	OFF	PH RES-CA	161-CA	160-CA	160-FO	PH RES-CA
BID LINE 08	127-CA	130-CA	BOS RES-CA	OFF	OFF	BOS RES-CA	BOS RES-CA	127-CA	130-CA	BOS RES-CA	OFF	OFF	263-CA	270-CA	270-CA	130-CA	BOS RES-CA	OFF	OFF	BOS RES-CA
4 BID LINE 10	BOS RES-CA	OFF	OFF	127-CA	270-CA	270-CA	270-CA	OFF	OFF	127-CA	270-CA	124-CA	270-CA	124-CA	270-CA	OFF				
BID LINE 12	124-CA	BOS RES-CA	BOS RES-CA	OFF	BOS RES-CA	127-CA	124-CA	124-CA	BOS RES-CA	OFF	OFF	BOS RES-CA	127-CA	124-CA	124-CA	BOS RES-CA	OFF	OFF	BOS RES-CA	127-CA
BID LINE 13	BOS RES-CA	OFF	BOS RES-CA	BOS RES-CA	263-CA	124-CA	270-CA	OFF	OFF	BOS RES-CA	BOS RES-CA	263-CA	124-CA	OFF	OFF	BOS RES-CA	BOS RES-CA	263-CA	124-CA	OFF
BID LINE 14	BOS RES-CA	BOS RES-CA	BOS RES-CA	BOS RES-CA	OFF	OFF	BOS RES-CA	BOS RES-CA	BOS RES-CA	OFF	OFF	OFF	OFF	BOS RES-CA	BOS RES-CA	BOS RES-CA	BOS RES-CA	BOS RES-CA	BOS RES-CA	OFF



FLEET MANAGEMENT

Control without Compromise

The SkedFlex Fleet Management module provides aircraft schedulers and maintenance personnel the comprehensive tools they need to keep fleets and assets functioning properly. Its two major components, **Aircraft Inspections Tracking** and **Fleet Schedule Management**, are tightly integrated to provide tracking of inspection times, cycles, and dates – actionable information from which fleet schedule management decisions are determined, using an intuitive web interface.

Divide and Conquer

Daily planning and forecasting workflows are better handled when separated from crew scheduling. Having a separate module allows those persons responsible for equipment and asset planning the freedom to work without the distraction of crew information. Dedicated fleet management is the best way to ensure efficient operations and results.

Recovery and Reassignment

Managing fleet statuses, schedules, and asset logistics is complicated enough when everything goes according to plan, but when the unexpected happens, your organization needs the right tools to get back on track.

- **COMPREHENSIVE TOOLS FOR**
- **AIRCRAFT SCHEDULERS AND FLEET**
- **MAINTENANCE MANAGERS**

Planning is a big part of airline management, but recovering from the interruptions is equally important. Whether due to mechanical interruption, weather, or new routing requirements, immediate reassignment of one or more flights is possible within the fleet management module.

Reassignment is as simple as drag and drop – whether one flight, or an entire group of flights – from one aircraft assignment, reserve assignment, or series of assignments to another. Instantly determine the aircraft are most appropriate for recovery, based on maintenance time limitations, with a clean, intuitive user interface.

Quick, valid analysis and prompt, subsequent reassignment leaves more time for maintenance, ground, and flight crewmembers to put the recovery plan into effect and get back on schedule with minimal delay and maximum efficiency.

Complexity, Simplified

Aircraft inspections are entered and managed directly via the web interface and displayed on a dedicated page.

Aircraft Inspections											
Add new Base: All Fleet: All Type: All Summary											
Fleet	A/C	Base	Type	TAT Rem.	Cycle Rem.	Start Date	Days	Fly Date	Spare TAT	Spare Cycle	Notes
SF3	N106AG	DEN	Heavy	118.0		2017-01-11	21	2017-02-01	193.5		30/12, 12 mo., E-8 Ck, U/F, Seat Covers Premier
SF3	N115AP	DEN	E-Check	185.5		2017-01-15	5	2017-01-20	210.2		E-7 Ck, Aileron Hinge Fitting NDT, AD 2016-11-20 ANC
SF3	N103AD	BOS	E-Check	-10.3		2017-01-22	7	2017-01-29	61.4		E-8 Ck, All/ Ele Backlash w/FIC, PBE AD 2016-11-20
S20	N118AS	ANC	E-Check	33.6		2017-01-22	7	2017-01-29	136.7		E-5, #2 engine borescope (driver), #1 engine replace
SF3	N114AO	PDX	E-Check	187.7		2017-01-23	6	2017-01-29	187.7		E-6, U/F (driver), 16/6, 28/6 WAST
S20	N120AU	ANC	Other	-38.7		2017-01-29	1	2017-01-30	24.5		R/R RH MLG retract actuator, rental return.
SF3	N112AM	ANC	Heavy	185.0		2017-02-01	21	2017-02-22	185.0		4/2 (driver), E-2, 4500 hr, 500 hr, 9000 hr, 16000 hr, U/F, Seats, 30/6 Premier
S20	N117AB	ANC	Heavy	133.4		2017-02-05	16	2017-02-21	133.4		4YR (driver), BYR, E-4, RH

TRACK AND EVALUATE MAINTENANCE STATUSES AND USE THAT INFORMATION TO MAKE INFORMED REAL-TIME DECISIONS ABOUT EQUIPMENT AND ASSET MANAGEMENT

Intuitive graphical representations are a hallmark of SkedFlex, and the option to view a burn-down graph – the graphical representation of spare hours – is no exception.



Fleet scheduling interfaces allow for real-time utilization decisions. Scalable views and drag-and-drop functionality keep workflows straightforward and consistent.

REASSIGNMENTS ARE AS SIMPLE AS DRAG AND DROP

SF3											
N107AH	DEN	BFF	DEN	LBF	DEN	EAR					
N105AF	LBF	DEN	BFF	DEN	DDC						
N101AB	ANC	CDB	DUT	ANC							
N110AK	PDX	LMT	PDX	ACV	PDX						

Maintenance information is displayed on the Daily Schedule page to the benefit of anyone with operational control or decision making responsibilities.

Daily Schedule	
Times displayed in UTC.	
ANC - SF3	1200
N101AB - CDB	
9.9H / -6C /	
N111AL - A	
001H / --C /	

DATA IS INTEGRATED ACROSS THE ENTIRE SKEDFLEX SUITE



AIRPORT OPS MANAGEMENT

All Aboard!

Maintaining schedule integrity for arriving and departing flights requires the timely orchestration of sequential events. Running late on so much as a single event can delay an entire operation. Quick remediation of problems is the key to getting back on track when something goes wrong, and alerting and activating the right people at the earliest possible time is essential.

For these reasons, the Airport Operations Management module was developed to provide the command, control, reporting, and delay remediation functions necessary to ensure on-time airport arrival and departure operations.

A graphical listing of events across a Gantt-style interface readily displays event completion, delay, and remediation statuses. Real-time data collection, notification and alerting of event statuses means operations personnel on the local, regional, national, or global level are compelled to take action at the first sign of trouble.

Coupled with business intelligence, powered by Sisense, the Airport Operations Management module further provides granular analysis of operations – and with it, the ability to improve scheduling integrity, efficiency, resource management, frequency of operations, and profitability.

- CONSISTENT ON-TIME PERFORMANCE
- REQUIRES REAL-TIME NOTIFICATION
- OF, AND IMMEDIATE REMEDIATION
- FOR, ANY DELAYED EVENT

Whisk Away Diffusion of Responsibility

With so many moving parts, keeping track of “who is responsible for what” becomes increasingly difficult. The all-to-common refrain, “I thought you took care of that,” translates into late departures, delayed arrival handling, and frustrated passengers.

The SkedFlex Airport Management module solves these problems on several levels. In clearly articulating the person(s) responsible for an event and the person(s) responsible for reporting statuses, diffusion of responsibility is eliminated because each team member knows what is required, when it is required, and who is required to report it. And by incorporating structured, real-time event status and delay alerting tools for management personnel, those out on the front lines get help right away – even before they ask for it – when unexpected challenges occur.

Success, Minute by Minute

Effective controls produce consistent results, and the Airport Management module's visual status board is the centerpiece for system operations status. Real-time system-wide information is aggregated in one place, so nothing is missed and nothing goes unnoticed.

- ① Green dot with yellow tail: Event was completed during its late (yellow warning) grace period.
- ② Green dot with red tail: Event was completed during its critically late (red warning) period.
- ③ Yellow dot with yellow tail attached to "now line" (the vertical dashed line): Event is within its yellow warning (grace) period and not in remediation.
- ④ Blue dot with red tail and blue tick marks: Event is critically late and in remediation. The blue tick mark indicates the original estimated time of completion (ETC) has passed, and a new ETC has not been issued yet. Red tail tracks with "now line" until event is completed or a new ETC is established.
- ⑤ Status column (verbose): Textually lists the critically late (red), late (yellow), and event remediation statuses (blue), that are displayed graphically on the left (Gantt) pane. When more than one event with the same condition is present, the status display cycles continuously through each event descriptor. Conversely, when no alert of its type is present, the corresponding warning box remains empty.
- ⑥ Blue dot with red tail and blue spike at the estimated time of completion (ETC). Event is in remediation. The visual display readily shows when completion is expected. Events in remediation may have comments associated with them, e.g., "Fueling" is in remediation, and the comment immediately below explains why.
- ⑦ PID (passenger information display) status. The official status information chosen manually by the operator.
- ⑧ On time flight example with no delays of any kind.

UNPARALLELED
INSIGHT AND
CONTROL, EVERY
MINUTE OF EVERY
DAY

INSTANTLY
DETERMINE SYSTEM
STATUS WITH
INTUITIVE VISUAL
INDICATORS

