



maureva

Soaring higher together.



ABOUT MAUREVA



About Maureva



For more than 25 years, we have been serving this industry with passion. Providing innovative software solutions to the industry, particularly to scheduled carriers. Our objective is to become a one-stop shop for the Airlines to reach industry standard solutions with a deep and positive impact on their performance and decision-making capabilities.

- 25 years of Airline Software Development
- 20 years as a Service Center
- 75+ companies (airlines / airports / handlers) boosted with our solutions
- **Staff location** : Reunion Island, Mauritius, France, Spain, Canada
- 220 Staff +
- **IATA** Strategic Partner
- **PCI-DSS**, GDPR compliance
- Maureva Managed Services: **ISO 9001:2017 / ISAE3402 / SSAE 18** certified services

Our Solutions:

Our Solutions portfolio

ALEXIS | 
FLIGHT SCHEDULING CREW MANAGEMENT

EDGAR | 
REVENUE ACCOUNTING SOLUTIONS

KEOPS | 
COST MANAGEMENT & CONTROL

MARGO | 
AIRLINE CARGO SOLUTIONS

MATIS | 
AIRLINE BUSINESS DECISION SYSTEM

Distribution Partnership:

ALISS | **CLOVIS** | 
CHECK-IN SOLUTIONS | SELF SERVICE BAG DROP | world turns faster

Value Added Outsourced Services

Managed Services | 

Process Optimization Solutions in :

- Airline Flight Operations (Flight Scheduling / Crew Management / OCC) : **ALEXIS**
- Revenue Accounting (Passenger and Cargo) : **EDGAR / MARGO CRA**
- Cost Management (Budget, Invoice Management, Claims) : **KEOPS**
- Air Cargo Management (Booking, Issuance, Handling & Tracking) : **MARGO**
- Analytics & Business Intelligence (KPI, Budget & Route profitability) : **MATIS**
- Check-In (Self + Self bag-drop) : **ALISS / CLOVIS**

Value Added Services Capabilities:

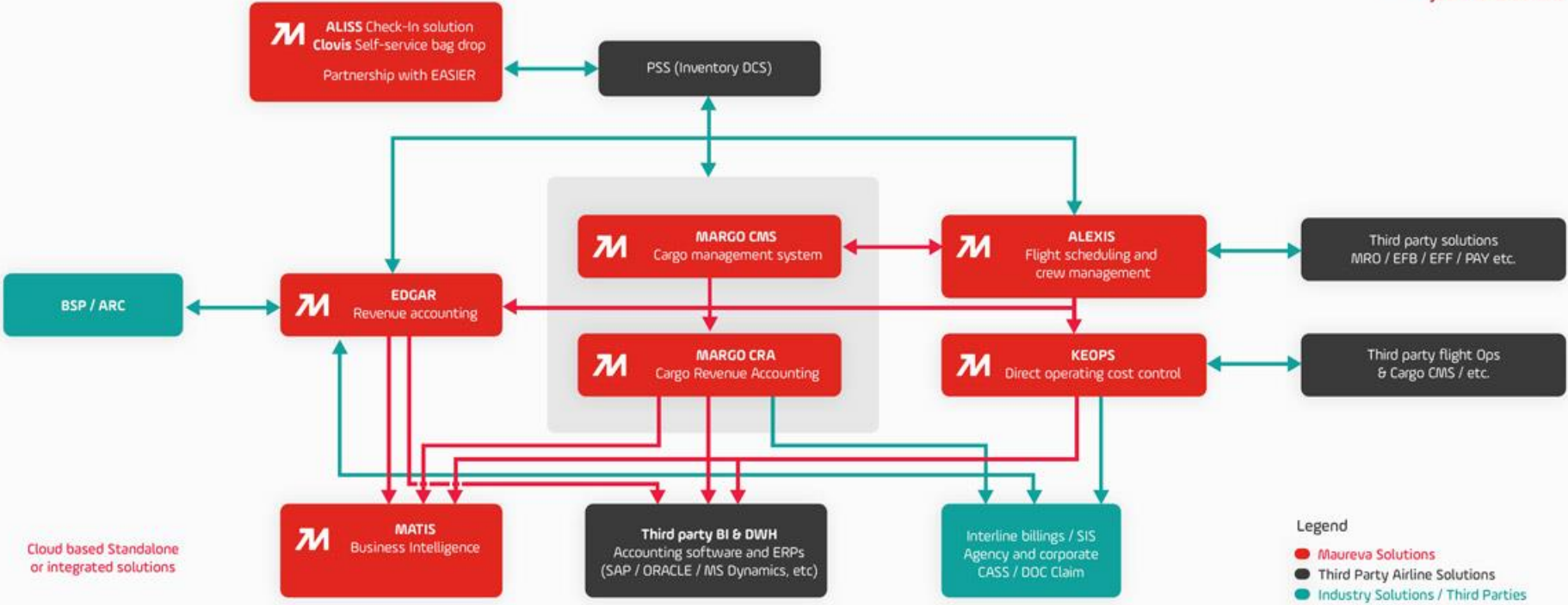
- Outsourced Services in :
 - Passenger Revenue Accounting
 - Cargo Revenue Accounting:
 - Cost Control : Tariff Management, Invoice Control, Cost Management

Our Solutions



maureva

A diversified portfolio of Integrated Solutions within your IT environment



Cloud based Standalone or integrated solutions

ALEXIS

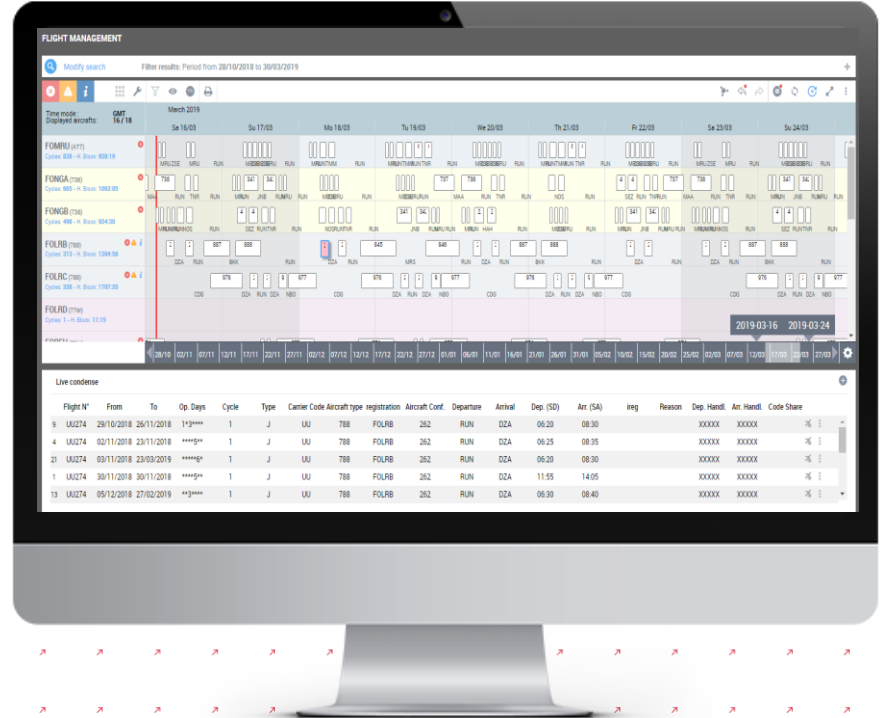
Flight Scheduling, Crew Management and Operations Control



A complete, modern and powerful Flight Scheduling and Crew Management solution, designed for the requirements of scheduled carriers

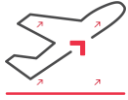


- Flights Management
- Flight Scheduling
- Operations Control with Real-Time Disruption Management
- Simulations Management
- Crew Management
- Crew pairings and rostering
- Crew leaves and bids management
- Integrated Crew Web
- Exhaustive Reporting and Integration with 3rd party solutions (including pay elements)
- Cloud-based solution (AWS / OCI)





Support your Flight Operations with ALEXIS ; ensure safety and optimize performance as well as crew satisfaction



Flight Scheduling



Slots Management



Tail Assignment



Messaging



Crew Management



Crew Pairing and Rostering



Bids and Leaves



Crew Web



Operations Control



Gendec / APIS



Station Access



Pay elements



6 reasons why you should use ALEXIS



1. Increased Efficiency

My scheduling and rostering processes are highly automated thanks to modern and dynamic user interface coupled with a powerful integrated modelling engine and infinite scenarios.

2. Reduced Operating Costs

My aircraft and crew utilization is improved as the system facilitates fair balancing and optimum usage of my resources. Disruption are in a timely manner thanks to the solution dynamic capabilities.

3. Rules Compliance

We ensure EASA-FTL rules management and cater for any additional airline specific rule.

Real-time notifications and alerts are available to the users to ensure compliance.



6 reasons why you should use ALEXIS



4. Optimized Crew Satisfaction

Fair balancing of crew rosters, access to a powerful crew web with exhaustive information available, bids and leaves integrated options and accurate and automated calculation of pay elements ensure that my crew are fully satisfied

5. Full Integration Capabilities

ALEXIS integrates with multiple PSS, FDM, Flight Planning, EFB, Maintenance, Training, Crew Briefing, Hotel Management, W&B, Cosmic Radiation, Pay, Cost Control and other solutions via API or interfaces.

6. Extensive Customer Support

Maureva provides the highest level of customer support and responsiveness required for critical solutions. Regular updates and new versions are made available to the ALEXIS user community.



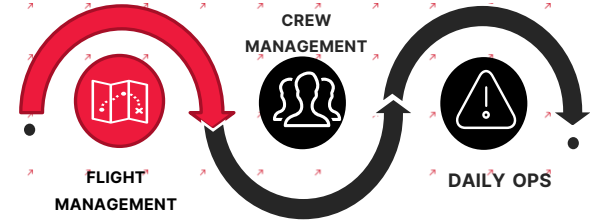
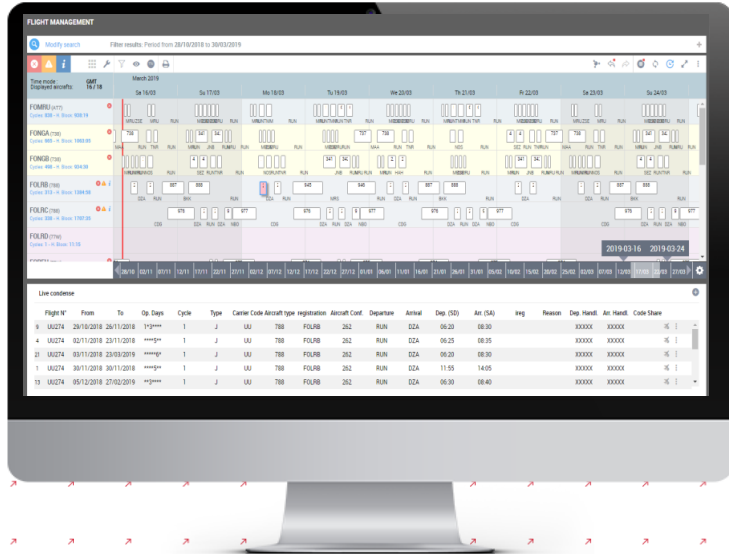
HOW DOES IT WORK?



ALEXIS |
FLIGHT SCHEDULING CREW MANAGEMENT



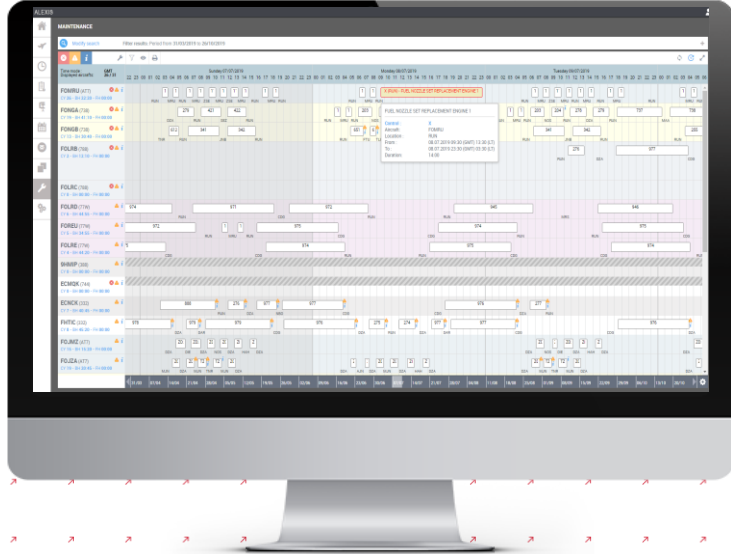
ALEXIS FLIGHT SCHEDULING



- One of the most modern GUI on the market with fully dynamic visualizations
- Flight creation : SSIM / Excel file import or Manual creation
- Gantt view and tabular interfaces available
- Automatic hand assignment module:
 - Balancing flight hours / cycle
- Unlimited simulation working sets (across all modules)
- Code-share management
- Industry standard SSIM messages management:
 - Slot management : SCR
 - Inventory / Airport : SSM, ASM
- Consistency checks with inventory system (PSS)



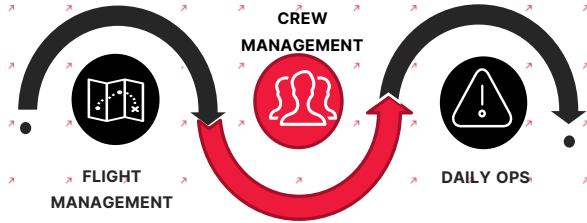
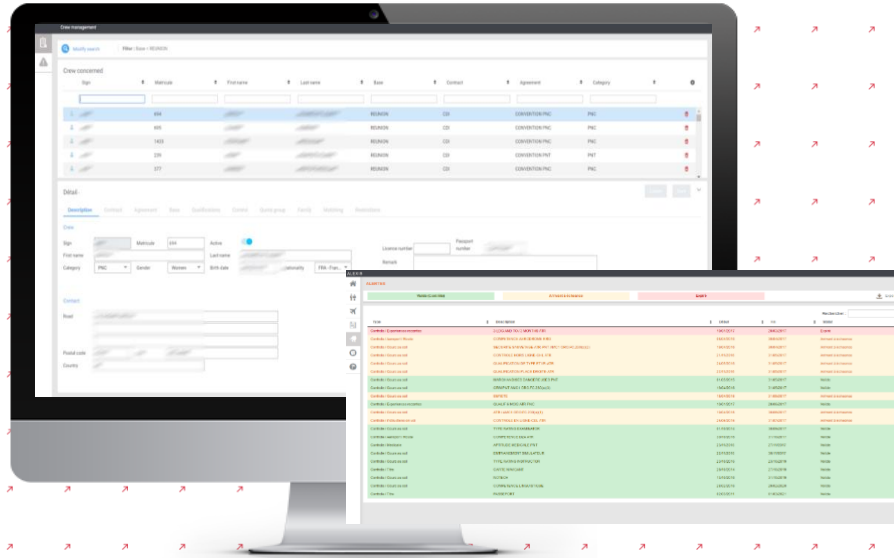
ALEXIS MAINTENANCE SLOT



- Capture maintenance slots for each aircraft
- Display maintenance slots in flight gantt
- Visual alerts on flight gantt when maintenance slot overlaps flights
- Receive email alerts when maintenance slot overlaps flights
- Aircraft Status Visualisation (AOG, Hold Items, etc.)
- Bidirectional interfaces with 3rd party Maintenance Software



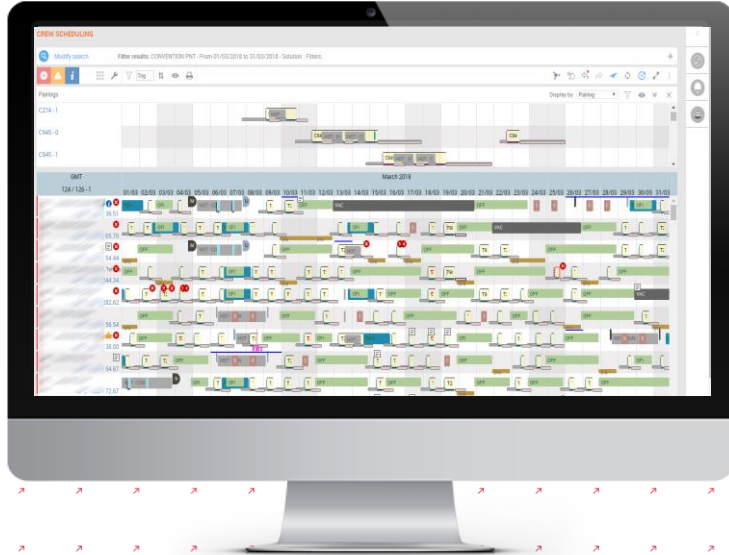
ALEXIS CREW MANAGEMENT



- Complete management of crew personal and professional data
- Base, contracts, qualifications, quota group, family, matching, restrictions, contact details, etc.
- Manage different regulation rule sets
- Create and manage exhaustive controls, such as : Line checks, training sessions, airport/route proficiency, recent flight experience, etc.
- Automatic updates and renewal of controls when linked to rosters
- Fully customized alerts for due dates
- GDPR compliance (crew anonymization)



ALEXIS CREW SCHEDULING MODULE



- Easily create, manage and assign crew pairings and crew rosters
- Fully flexible Gantt like interface with filtering, drag & drop and swap capabilities
- Automated crew rostering
- Decision-making support system for semi-automated crew assignment
- Cater for industry regulations such as EASA-FTL along with your airlines specific rule sets
- Customized and automated alerts for legality, company rules, due dates
- Fatigue-risk management systems Integrations
- Optimize your rosters with live KPIs : Flight time, flight duty time, duty time
- Crew logistics management : Hotel bookings, positioning

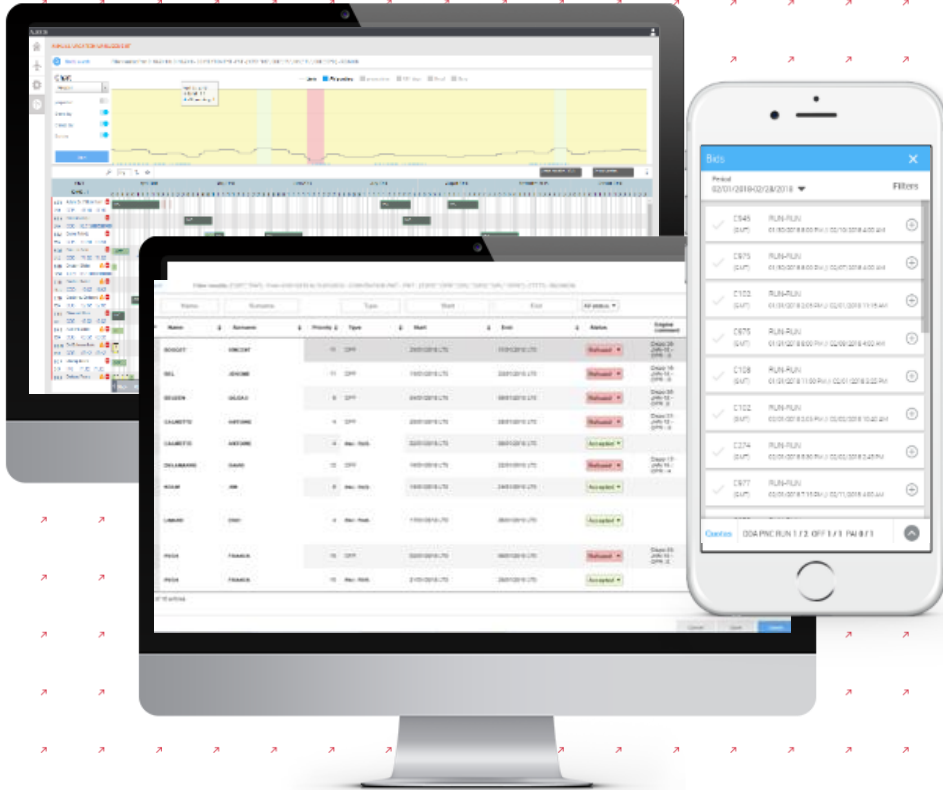


ALEXIS CREW WEB

- Enable your crew to access the latest information on flight and personal schedule
- Roster revisions consultation and acknowledgement workflow
- Roster, flight schedule and crew compositions available for consultation / print.
- Flight exchanges capabilities between Crews
- Calendar synchronisation (with iCAL)
- Integrated messaging capabilities available
- Flights, days OFF and vacation requests made easy (with Bids / Leaves management module only)



ALEXIS BIDS AND LEAVES MANAGEMENT (ADD-ON)



ADVANCED LEAVES MANAGEMENT

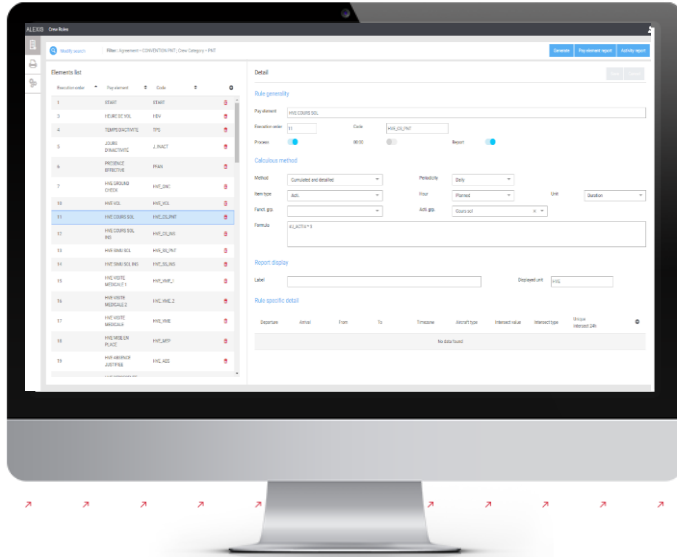
- Crew vacation plan management made easy
- Requests received via Crew web portal
- Quotas calculated based on pre-defined activities
- Automated acceptance or refusal based on :
 - Airline predefined rules based on seniority, previous satisfaction, red/orange/green time periods, etc.

BIDS MANAGEMENT

- Preference Bidding System
- Days OFF and flights requests
- Requests are made on Crew web portal
- Managers define points associated with flight characteristics
- Automatic solution for acceptance or denial based on
- Airline predefined rules based for example on seniority, previous satisfaction, points, etc.



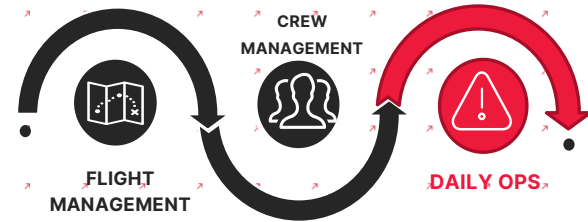
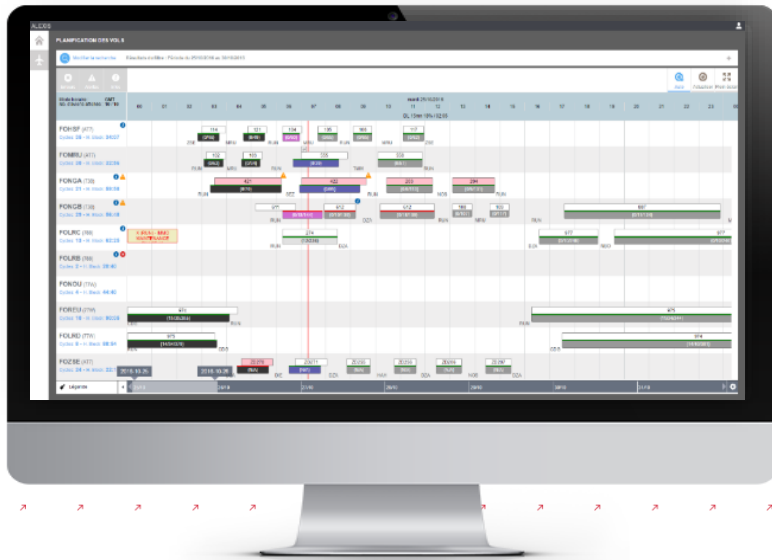
ALEXIS PAY MANAGEMENT (ADD-ON)



- Automatically feed pay software and ERP :
 - SAP, CEGID, Silae, Sage, etc. with all Pay Elements
- Calculate pay variables elements (including crew entitlements), according to your airline specific rules
- Generate crew activity report and payroll report
- Customizable file format :
 - flat file, excel file, etc.
- Some of the current Systems supported:



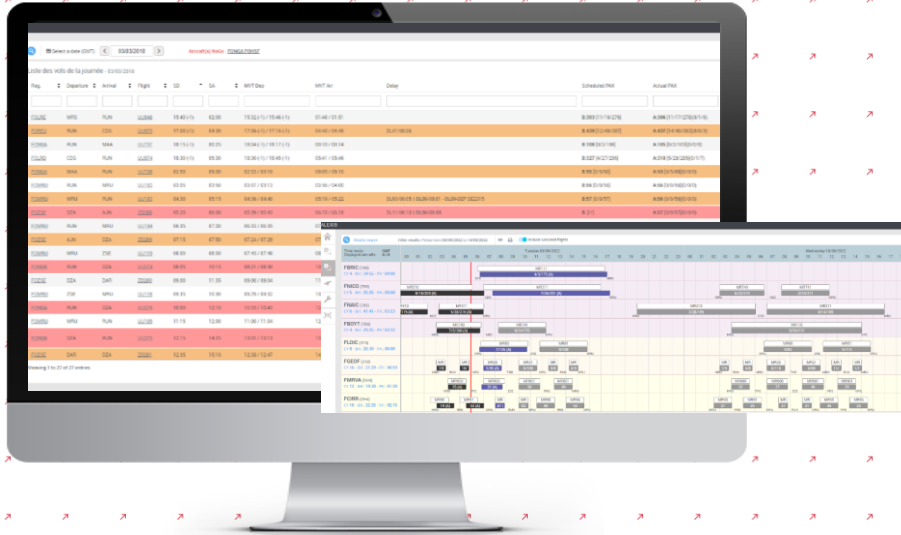
ALEXIS DAILY OPERATIONS MANAGEMENT (OPERATIONS CONTROL CENTER)



- Fully dynamic and responsive user interface
- Aircraft movements real-time tracking (MVT, ACARS)
- Real-time alerts and notifications when disruption impact crew rosters (Max FDP exceeded, minimum rest not respected, etc.)
- Multiple indicators including Fuel (FMM) and Passengers (LDM)
- ASM / SCR messages management
- Multiple eBorders and APIS interfaces
- ATC slot integration
- Automatic Email / SMS notification to crew
- Automatic push on Crew Web
- Integrated Simulation Mode



ALEXIS STATION WEB ACCESS



- Enable your stations to retrieve useful information for them
- Consult flights scheduled to your station
- Check aircraft status
- Real time information with estimated arrival, crew onboard, etc.
- Control crew CheckIn / CheckOut
- Automated check-in process
- Generate General Declaration (GenDec) report
- Message generation capabilities :
 - MVT, LDM, FMM
- Access stand-by crew to enable efficient disruption management



ALEXIS INTEGRATED REPORTING CAPABILITIES



KPI ANALYSIS

- KPI calculations in real time
- Cumulated duty checks
- Balancing crew planning economically, operationally and socially
- Additional reports available

OPERATIONAL REPORTING

- Logistic : Hotels booking, positioning, handling
- Crew duties
- Statistics
- Customized reports

OTHER ASPECTS

- Automated report generation with scheduler
- Extractions possible in CSV, Excel and PDF formats
- Business Intelligence Extracts
- MATIS Integration (Business Intelligence & Dashboards)
- Web-Services & APIs Catalog



EXHAUSTIVE INTEGRATIONS (non exhaustive list)



PSS – RESERVATION SYSTEMS

- Amadeus (INV/RES/DCS)
- HITIT Crane
- TTI Zenith
- KiuSYS

CARGO MANAGEMENT SYSTEMS

- MARGO Air Cargo Management

REVENUE ACCOUNTING

- EDGAR Passenger Revenue Accounting

COST CONTROL

- KEOPS Direct Operating Cost Control
- HITIT

BUSINESS INTELLIGENCE

- MATIS Business Intelligence Solution
- SKYWISE
- Third Party BI solution

FLIGHT PLANNING AND DISPATCH

- JetPlanner

GROUND OPERATIONS TIMIZATION

- AGOA (TARMAC)

WEIGHT AND BALANCE SOLUTION

- FLYWARE eLoadsheet

MAINTENANCE

- AMOS
- ADSoftware
- AMASIS

FDM

- AeroBytes
- Jeppesen FLITEBRIEF

EFB

- Smart4Aviation

FUEL ANALYSIS

- Skybreathe

3rd PARTY OPTIMIZERS

- MOTULUS

HOTEL MANAGEMENT SYSTEM

- API

COSMIC RADIATION

- SievertPN

CREW BRIEFING

- Jeppesen FLITEBRIEF

CREW APP

- RosterBuster

TRAINING

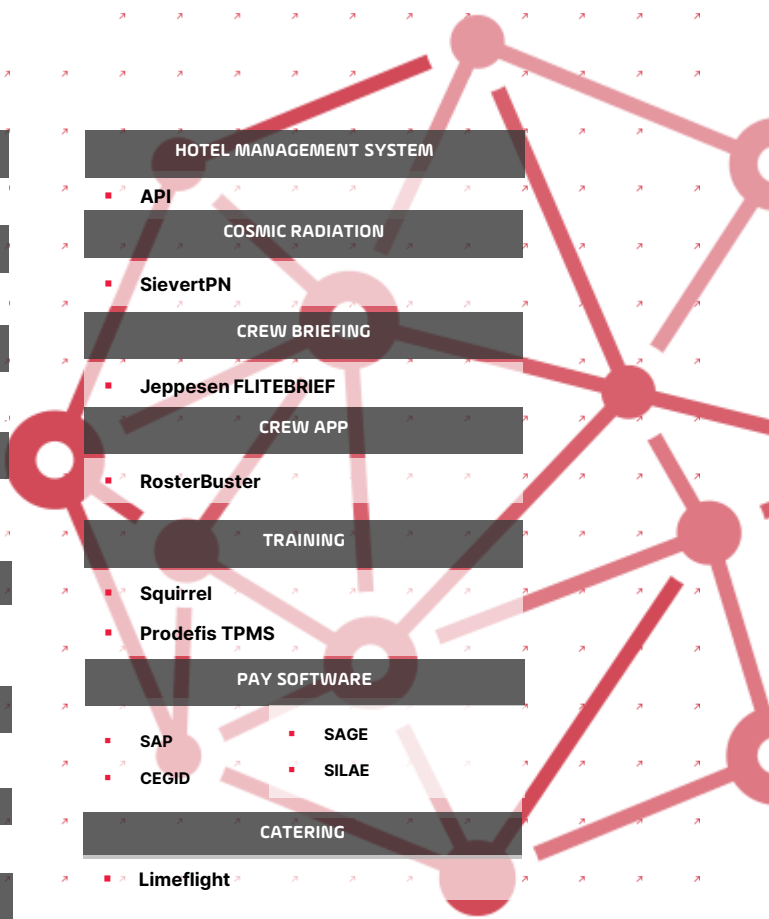
- Squirrel
- Prodefis TPMS

PAY SOFTWARE

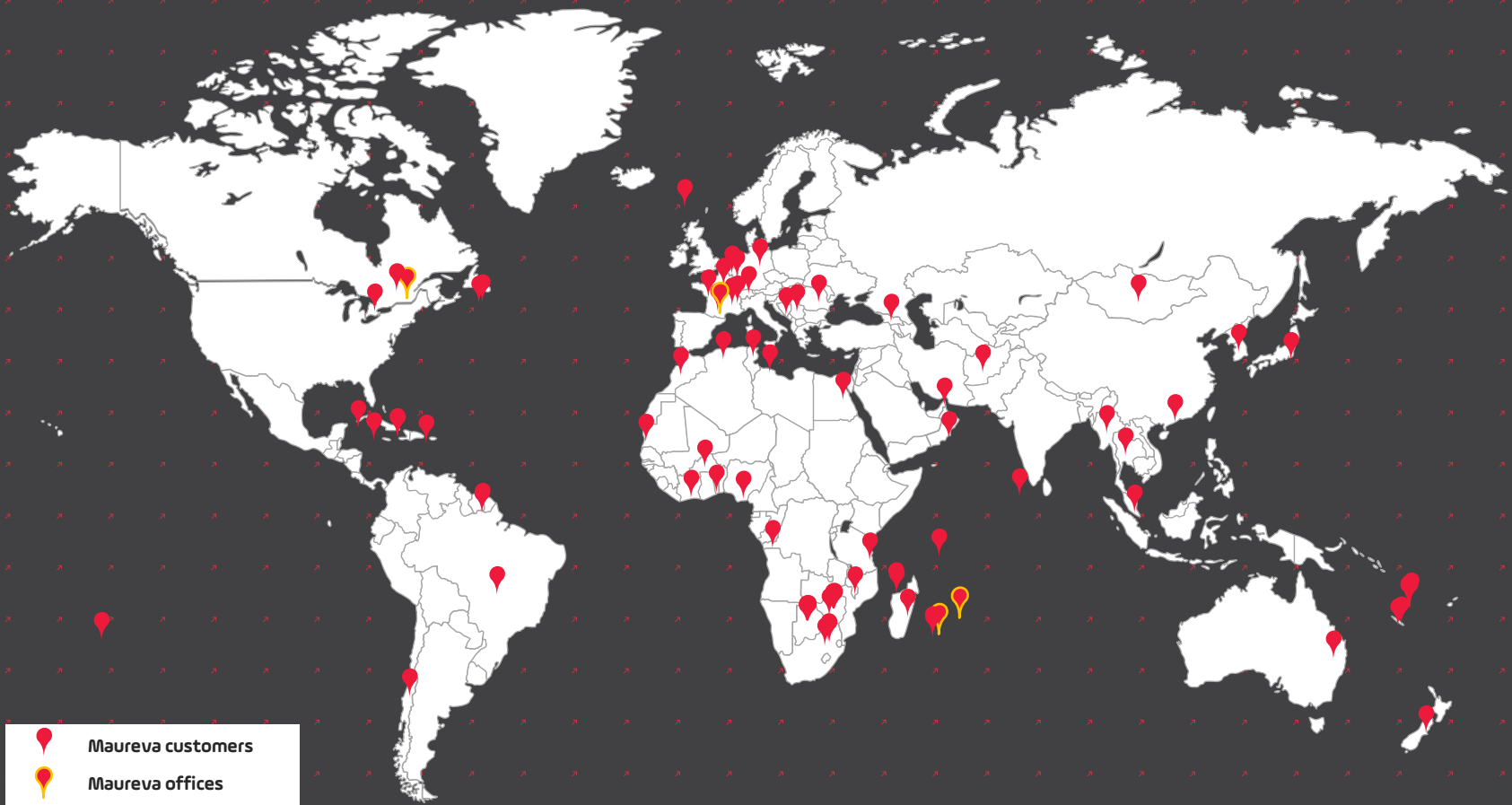
- SAP
- SAGE
- CEGID
- SILAE

CATERING

- Limeflight






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CONTACT US:



DAYNA ARMOOGUM (Mrs.)
BUSINESS DEVELOPMENT
MANAGER

 Phone: (230) 466 6838
 Mobile: (230) 5257 7672
 darmoogum@maureva.com

ROMAIN ANGELLA (Mr.)
HEAD OF BUSINESS
DEVELOPMENT

 Phone: (230) 466 6838
 Mobile: (230) 5251 7740
 rangella@maureva.com

JEAN-MARC PERREAUX (Mr.)
SALES DIRECTOR

 Mobile: (33) 6 86 68 51 07
 jmperreaux@maureva.com



Orange Tower, 72201 Ebene Cybercity | Mauritius
4 rue Jules Thirel – Savanna – 97460 St-Paul, Ile de La Réunion | France
www.maureva.com
Mail : commercial@maureva.com