Rostering & Workforce Management

Software for the Aviation Industry

5 Stages: Toward Building Better Rosters

Easy Roster
Airport Operations

Tarmac Services

- Aircraft Servicing
- Aircraft Cleaning
- Catering
- Busses and transport
- Equipment (GSE)

Baggage Service

- Baggage Make up
- Baggage Transfer
- Baggage Carousel

Terminal Services

- Aircraft Arrival and Dispatch
- Ticket reconciliation
- Lost Luggage/Baggage Services
- Marshalling

Arrival Hall

- Check-in
- Baggage Drop off
- Ticket Sales
- Customer Service

Engineering

- LAME

Loyalty Cubs
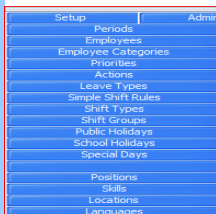- Customer Service
- Food and Beverage

Back Office

- Management
- Administration
- Training

One: Basic Setup

- Identify and apply company operating rules and employee work contract rules
- Upload employee data - identifying skills and contract hours

All rules and parameters are established within specified table.

These Parameters and rules are used to drive application

Two: Create Workload

- Upload the aircraft movement Schedule
- Profile the aircraft - identifying the resources required (skill) to service the aircraft
- Identify non aircraft related workload
- Generate Tasks
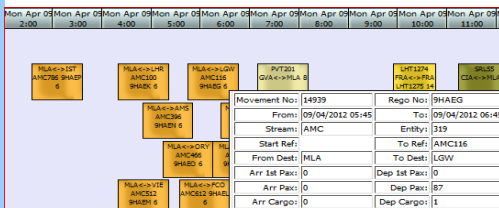
Three: Task Workload Allocation

- Identify the criteria established allocate tasks to shifts—shifts to employees
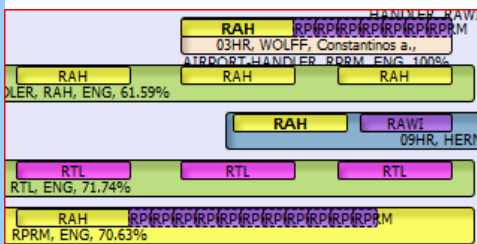
Four: Roster Management

- Employee leave management
- Schedule updates
- Publish roster
- Managing shift and workplace requests and issues

Five : Day of Operation

- Receive FID's updates (interface required)
- Update work allocation
- Manage changes and communicate to staff
- Manage staff movements
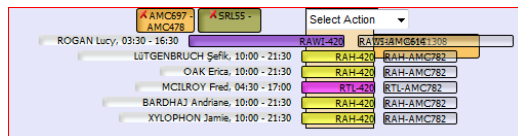
Time & Attendance Management

- Map business rules - assign to employees
- Capture swipes - Create time sheets
- Manage Timesheet
- Generate roster and costing reports

Easy Roster Features

Easy Roster Functionality

"Ability to provide managers with real time data from which informed operational based decisions can be determined"

- Clouds Based
- Aviation specialised functionality
- Password security controls
- Task management
- Skill base allocation
- Skills rotation and proficiency
- Check-in queue management algorithm
- Import flight schedule
- Fid's import with real time schedule updates
- Dynamic rostering and manpower management
- Automated task generation
- Auto allocation (task shifts, employees)
- Workload demands
- Day of Operation—live updates
- Time and Attendance management
- Award/ shift interpretation for costing and payroll
- Time capture management
- Kiosk—employee roster display, leave requests
- Travel time management
- Event management
- Leave management
- Roster patterns management
- User access controls
- Bulk data uploads
- Online user manual
- Reports to Excel

MizziSoft

MizziSoft has been working with the airline industry since 1996, alongside Airlines to design and develop software specifically for the Aviation industry. The result is specialised software for the management and rostering of staff covering all area of the airport operation. MizziSoft Team is a combination of ICT professionals and ex Airline employees who research, develop and deliver cutting-edge software solutions to improve workforce management issues experienced within the airport environment

MizziSoft software development team are always looking to the future

Easy Roster" is compilation of proven functionality extracted from knowledge and experience.

John Michael Mizzi
Founder of MizziSoft

Workforce Clouds Solutions - Employee Scheduling and Rostering Software As A Service (SAAS) - Mozilla Firefox

File   Edit   View   History   Bookmarks   Tools   Help

Workforce Clouds Solutio... | ROSTER: Easy Roster Syste... | PATTERN: Easy Roster Sys... | MOVEMENTS: Easy Roster... | WORKPROFILES: Easy Ros... | TASKS: Easy Roster Syste... | DAILYOPS: Easy Roster Sy...

workforceclouds.com

" Easy Roster" – The Software

"Easy Roster" - The software

Easy roster has been written to perform using the latest cloud base technology: **What does this mean?**

- Access by any PC with internet access, Office, home, Cafe` etc.
- Access from any smart device, Laptop, tablet and some smart phones.
- Designed to operate with low bandwidth reception
- NO requirement for additional infrastructure costs
- NO Software Installation Costs

Easy Roster Features

Airline Functionality

Easy Roster is a comprehensive end to end package from long term planning to the day of operations, it has functionality which has been tailored to the airline and Aviation industry

Dynamic Rosters driven by aircraft schedules, provided by official scheduling institutions, import facility functionality to manually edit data and insert new flights
- Interfaces with FIDS for real time flight updates
- Schedule profiling -
- Identification flight information for the allocation of staff.
- Tasks creation & skill allocation

Understanding the Aviation industry fundamental requirement for time critical and non time critical tasks.
- Management of travel time between tasks and locations in an airport environment
- Management of GSE (Ground support equipment)

Easy roster is a parameter driven application give the user FULL control of the rules and criteria used within the application.

Easy Roster understands and provides functionality which manages the different rule of engagements between departments, work areas and employee groups. Combined with functionality to map aircraft movements, which create the workforce requirements of:

- Terminal Services: Aircraft Arrival and Departure
- Check-in counters - Queue management algorithm
- Baggage Services
- Ramp / Tarmac service
- Terminal and Aircraft Cleaning
- Engineering
- Management /Administration

The specialised functionality within the application combines all facets and rostering principles to provide results for planning and decision-making. Improvements to business productivity at the strategic, tactical and operational levels.

Workload Demands

Utilising the functionality within Easy Roster provides logical displays to determine optimal resource requirements for maximum utilisation of the workforce.
- Visual display of workload demands (peaks and troughs)
- Determining optimal shift duration
- Shift pattern models
- Resource type combinations (Full time, Par time etc)
- Utilisation Charts

Airports are a dynamic environment, which have a

number of contractual, physical and geographical restraints all of which can be configured within Easy Roster.
- Aircraft service type (originator, terminator, turnaround)
- Aircraft type
- Load (passengers and Cargo)
- Route (arrival and departure destination
- Turnaround ground time, originating / terminating
- Day of week time of day
- Terminal location
- Equipment limits
- Contractual
- Employee
- Aircraft Servicing contracts

With all the different consideration required for workforce level planning, Easy Roster has all the required functionality and parameters to manage this very complex environment.
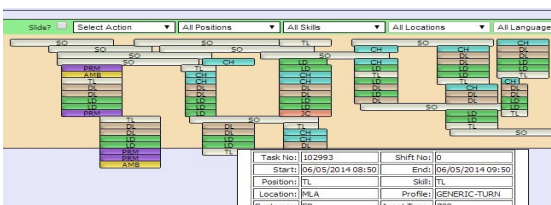
Easy Roster Features

Airport Operation plan for an ON time schedule

Unfortunately

Airlines DO Not control the unexpected….

But having the tools to manage staff to respond to the unexpected….
Is a controllable option
Easy Roster

Day of Operations

Day-of-operation functionality within Easy Roster is real time:

- Interfaces with FIDS for real time flight updates
- Identify aircraft schedule changes and displays impact on:
- Task and resource allocation
  - Equipment allocation

Training and System Configuration

Training And support will be provide by the MizziSoft Team.
Clients will control the setup and configuration of the software. This process has a twofold advantage:

- The configuration of the software will match the business operation and
- Additional knowledge is acquired to be able to manage the application, and re-configure the software to conform with future demands.

Easy Roster ability to be access remotely allows for offsite, Allowing the MizziSoft team to provide instant ongoing support and feedback

Employee

Communication between employers and employees is mandatory. Easy Employee portal / kiosk provides the tool for good communication.

- With access from any computer, tablet or smart-phone (with internet access)
- Personal login with security password
- Roster displays:
- Shift times
- Locations
- Tasks
- Swipe information
- Leave application
- Shift bid, Availability requests
- Shift swaps etc.

The portal is the ultimate tool for staff communication

Easy Roster Employee Kiosk -

Home | Swipes | In/Out/Break Swipes

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DEFAULT ▼ Change Depart

Mon 07 Oct 2013	Tue 08 Oct 2013	Wed 09 Oct 2013	Thu 10 Oct 2013
06:00 - 10:00 (4:00)	06:00 - 10:00 (4:00)	Not Available	Study Leave

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