

Pairing Bureau Service

PAIRING BUREAU SERVICE

Our Pairing Bureau Service provides customers with a SaaS cloud based pairing solution that can be accessed via a web browser.

Customers upload their SSIM and any build pre-built pairings as inputs to the optimiser.

Solutions are run in the cloud and results can be analysed and reported against.

Results can be provided in a variety of formats compatible with a customers Crew Management Systems.

Customers reduce TCO and benefit from state-of-the-art optimisation.

PERFORMANCE

Our advanced optimisation technology allows us to harness the power of parallel CPU cores to quickly generate solutions for large fleets.

A one-month solution for a regional fleet of 80 aircraft can typically be generated in less than 20 minutes.

Solutions can be targeted to minimise crew days or total cost depending on crew strength in the given month.

This fast turnaround enables planners to explore multiple scenarios and choose the best solution for the prevailing crew cohort.

RULES

Our advanced Rule Engine and Editor allows us to quickly establish a comprehensive rule set for a customer.

The rule base can define all legal (hard) and company (soft), rules, calculations such as allowances and KPIs to measure solution quality.

What If? Rulebases can be defined and used to understand the impact of proposed rule changes before they are negotiated.

The Rule Engine can expose certain settings as user editable parameters which allows schedulers to generate different scenarios with differing parameters e.g FDP buffers

DELIVERY & SUPPORT

We can typically activate a new customer service within a 1-2 month elapsed timeframe. This includes : -

Rule Definition
Iterative Optimisation to refine solution quality
User Training

Ongoing 24 x 7 support is included as part of the service. This includes all rule changes and What If? rulesets