

# Altitude BLISS

## BidLine Integrated Scheduling System

North American airlines using the bidline process constantly struggle to maintain crewmember quality of life while keeping in line with the organization's need to operate efficiently. To meet this challenging goal, airlines are forced to seek home-grown solutions and multi-vendor systems which result in an overwhelmingly time consuming and complex process.

**The Altitude BLISS approach to the bidline process allows your airline to remain more competitive by keeping operational costs at a minimum and quality of life a priority.**

### **Automatically Manage the Entire Bidline Process**

Altitude BLISS (BidLine Integrated Scheduling System) is a groundbreaking solution that automatically manages the entire bidline process taking contractual rules and regulations into account. With an emphasis on quality of life and operational efficiencies, Altitude BLISS creates the highest quality of lines in a unique approach that meets both crewmember and airline needs.

The bidding process is simplified through a web-based interface that allows bid packages to be sorted according to desirability criteria. Planners, crewmembers, and airline organizations benefit from a seamless process that allows for accurate and centralized data that minimizes the risk of human error.

### **Maximize Quality of Life and Lines**

With increased pressure to keep up with a demanding and complex scheduling environment, planners are always working to overcome limitations in the bidline process. Altitude BLISS addresses the industry's need for a more simple and flexible solution that can harmoniously maximize quality of life and lines.

Using AD OPT's renowned optimization technology, your airline can manage the entire bidline process from start to finish. This unique approach enables your airline to build the highest quality of lines — faster than ever — given crewmember preferences as well as the airline's rules, policies, and internal growth strategy.

### **Control Quality, Customize Preferences**

Featuring a user-driven line generator, planners can interact and make changes to the line generator on their own. With the automatic generation of lines — optimally complying with quality criteria — while taking scheduling rules, civil aviation and contractual rules, and operational constraints, such as reserve coverage needs into account, planners can make changes according to the quality criteria they specify. The possibilities are endless when you control the quality!

Altitude BLISS allows for the intelligent resolution of line conflicts based on your airline's specific policies, eliminating the overwhelming task of manually seeking a solution. Your airline may also automatically create personalized secondary lines, taking a crewmember's personal preferences into account.

## Graphical Planner Interface

The planner interface allows the planner to perform monthly scheduling tasks and launch the solver for the automatic generation of lines. The interface features a fully graphical line and schedule editor, enabling the planner to resolve activity conflicts, perform manual pre-assignments, or modify the lines built by the line generator.

## Web-Based Crew Interface

The crew interface enables crewmembers to easily submit their bids. Based on an extensive set of criteria, the interface also allows crewmembers to sort their bid packages in order of desirability, completely eliminating the time-consuming task of manually sorting through bid packages.

## Further Improve Performance

The **Auto Award and Conflict Resolution module** allows for lines to be awarded automatically, along with the intelligent and automatic resolution of conflicts according to company rules and policies.

The **optional VTO Line Generator** is available to airlines that support personalized secondary lines. The VTO Line Generator enables the automatic generation of personalized secondary lines, optimally taking personal preferences, scheduling rules, civil aviation and contractual rules, including seniority, and operational constraints, such as reserve coverage needs into account. The VTO Line Generator can be purchased separately.

**Altitude BLISS automatically manages all aspects of the bidline process while promoting crewmember satisfaction and building the highest quality lines.**

## THE AD OPT SOLUTIONS SUITE

AD OPT a comprehensive crew planning solutions provider, delivers powerful insight for result-driven airlines. With AD OPT, airlines can link their crew planning activities to strategic objectives in order to determine what is impacting productivity, profitability, and crew satisfaction – then take decisive action to achieve operational excellence.

The AD OPT solutions suite delivers enhanced operational flexibility and cost control. It enables you to automate and optimize your flight operations processes as they relate to strategic planning, fleet and flight planning, and manpower planning.



Experts at Improving the Performance  
of People and Business™

Kronos Canadian Systems Inc.  
AD OPT, a Kronos Division  
3535 Queen Mary Rd, Suite 650,  
Montreal (Quebec) H3V 1H8 Canada  
Tel.: (514) 345-0580 / Fax: (514) 345-0422  
Email: ad-opt@kronos.com

[www.ad-opt.com](http://www.ad-opt.com)

©2009, Kronos Incorporated. Kronos, the Kronos logo, and Altitude are registered trademarks. Altitude BLISS is a trademark of Kronos Incorporated or a related company. All other product and company names mentioned are used for identification purposes only, and may be the trademarks of their respective owners. All specifications are subject to change. All rights reserved. Printed in Canada.

