OPERATIONAL
FORECASTING

BEONTRA's Operational Forecasting solution, powered by the Horizons software platform, provides short and medium-term predictions on flight levels to better plan operations. Airports gain an accurate, schedule-based passenger forecast that is updated automatically as new schedule data is available. Leveraging multiple data sources and machine learning algorithms, it is now easy to make sound predictions on traffic patterns, special events, turnarounds, cancellations, passengers, bags, cargo, and more.

With this automated solution, end users can quickly update schedule forecasts and significantly reduce the time previously required to manually compile data, providing more time for data analysis and other key tasks. The results of an operational forecast help enable capacity planning, such as identifying the right resources for security checkpoints and ensuring the optimal number of security lanes are available, based on anticipated demand.

Learn more at beontra.com

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OPERATIONAL FORECASTING CUSTOMERS ENJOY THESE FEATURES AND BENEFITS:

KEY BENEFITS

- Less uncertainty regarding the pulse of the airport
- Higher accuracy due to more frequent updates
- More realistic predictions including the likelihood of flight cancellations
- Automated workflows reduce manual efforts and repetitive tasks
- Understand turnaround links between arriving and departing flights
- Easily identify irregularities that need further investigation
- Cloud-hosted solution that requires no additional technology or hardware

KEY FEATURES

- Intelligent forecasting algorithms with machine learning capabilities
- Comprehensive prediction features, including cancellations and turnarounds
- Schedule creation from multiple sources
- APIs support automatic data transfer and reporting tool integration
- Event-based automation of workflow from schedule update to final prediction
- Intuitive event calendar of past and future events

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As a cloud hosted solution, it is now easier to predict, monitor and manage operational forecasts. Airports and their analysts can eliminate the manual analysis of schedule patterns, special events, cancellations, and more. Automatic workflows handle these complexities while managing data from multiple sources. The results can then be integrated into reporting tools via APIs to create highly customized reports that can be shared with internal and external stakeholders.

The Operational Forecasting solution can be used with other BEONTRA capacity planning solutions, such as Terminal Capacity Management or Airport Resource Allocation, to provide a single source of truth for all forecasting needs.