



## **SCENARIO PLANNING**

Case Study: Zurich Airport (ZRH)





"B Tactical allows us to create to create a highly accurate capacity planning base. The outcome is a ten week rolling forecast utilized by all our operational units. With only 8 hours of work per month, we are able to keep our high levels of service despite rapidly growing peak passenger numbers."

Florian Raff Head Operations & Capacity Planning Zurich Airport

## ZURICH AIRPORT, SWITZERLAND'S AWARDED HUB, DECIDED TO IMPLEMENT BEONTRA SCENARIO PLANNING TO SUPPORT THEIR FORECASTING AND PLANNING REQUIREMENTS

BEONTRA's **B Tactical** has been implemented in 2007. The tool enables Zurich Airport to plan their short-term operations with highly detailed full-season forecasting schedules, updated on a monthly basis. Considering long-term planning, the system is able to generate accurate and detailed long-term forecasting schedules, pertaining to future scenarios based on air traffic development and allocation between carriers, regions and aircraft types divided across the world.

This enables Zurich Airport to plan their future facility requirements and provide management supporting assumptions through the transparency of the system, as well as respond dynamically to new requests and changes in the industry.



	PROJECT CHARACTERISTICS	
PROJECT NAME	B Tactical – Forecast Flight Schedules for Operational Planning purposes	
CLIENT	Zurich Airport, Switzerland	
ZÜRICHAIRPORT	IATA Code: ICAO Code: Owner: Coordinates: Passengers: Cargo: Aircraft Movements: Destinations: Revenues:	ZRH LSZH Flughafen Zürich AG 47°27′30″N 008°32′53″E 24.3 Mio (2011) 415,000 tons (2011) 289,000 (2011) 174 (2011) 905 Mio CHF (2011)
PROJECT TIMEFRAME	Planned Investments: 230 Mio CHF (2012)  2007 - ongoing	
MAIN GOALS	Generating flight schedule forecasts and analyzing complex traffic developments for proactive decision making to eliminate operational bottle necks at peaks.  Cloud based Production Planning:  Creation of highly detailed full-season forecasting schedules Assess infrastructure usage through forecasted traffic while balancing load through airline allocation for check-in and gates/stands Planning base for preparation works of upcoming season for all operational units at the airport  10-week rolling forecast:  Updates of the detailed season forecasting schedules on a monthly basis for the upcoming 10 weeks Basis for all planning aspects (resources, staff, shift-planning) of the operations departments of Zurich Airport as well as of the related operational partners	
PROJECT SCOPE	Implementation of B Tactical (2007)	
REFERENCES	Mr. Florian Raff Head Operations and Capacity Planning, Zurich Airport	