

AIRPORT DESIGN AND PLANNING



JBL

MANAGEMENT & CONSULTING GMBH

The Company

JBL Management & Consulting GmbH was founded in 2003 in Zurich, Switzerland, as an independent planning and engineering company to support customers in the definition of the core business process and the sustainable deployment within value chain. Beside Business Process Re-engineering and Project Management Services in industrial automation, JBL Management & Consulting is a leading institution in Airport Design and Planning. Using our aviation experiences we offer a wide range of expert know-how to meet the needs of our customers in the airport aviation and non-aviation market.

The Philosophy behind our Services

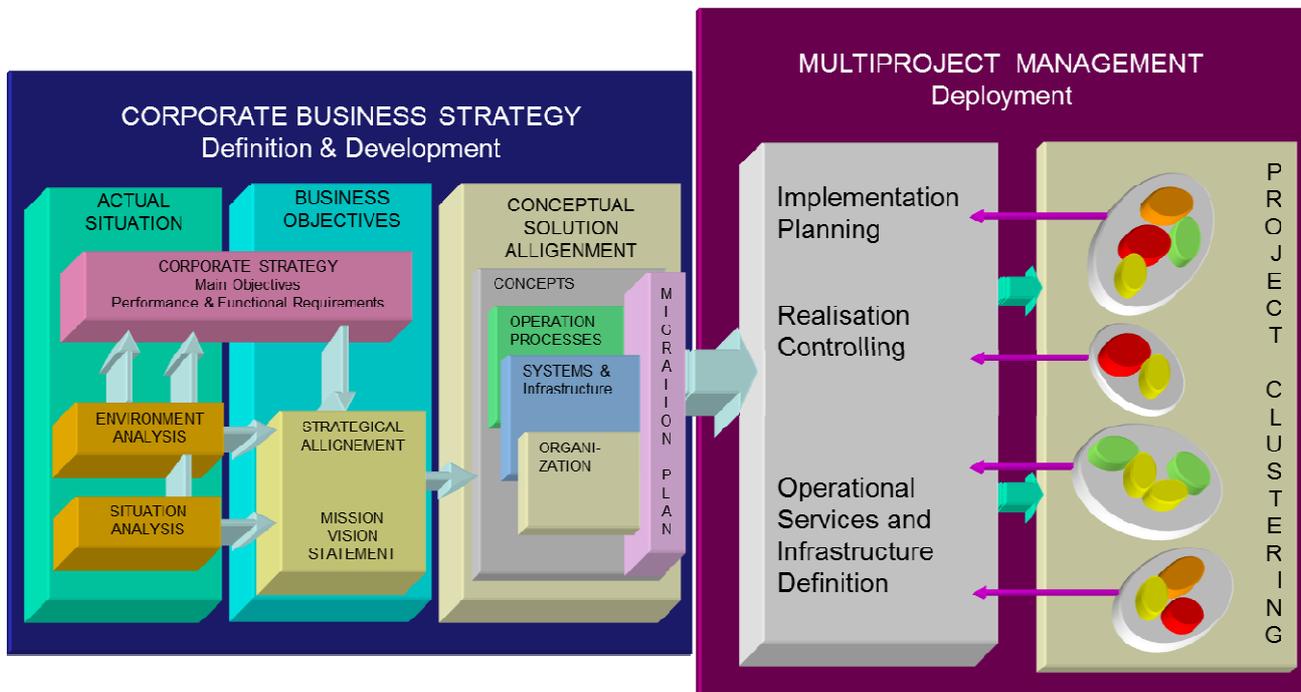
As an indispensable prerequisite for the success of the planning and implementation of any complex process or investment, a consistent and rigid concept is needed.

In order to accommodate present and future demands, such a planning must be based on

- a precise analysis of the actual status and business situation
- a realistic evaluation and judgment of future demand and service levels balancing and
- of the results of a Cost Benefit Analysis CBA

Only the combination of these elements within a consistent overall concept lays the foundation for a successful deployment in practice.

This is the pivotal point of the consulting services of JBL's Airport Knowledge Network.



Expert Level and Professional Know-how

JBL Management & Consulting GmbH will provide expertise's based on a well-established and sustained knowledge pool of associated Aviation Professionals and Airport Expert. These Experts will provide consulting and management services as previously defined in mutually aligned Descriptions of Work (DoW). Such support will take the form of:

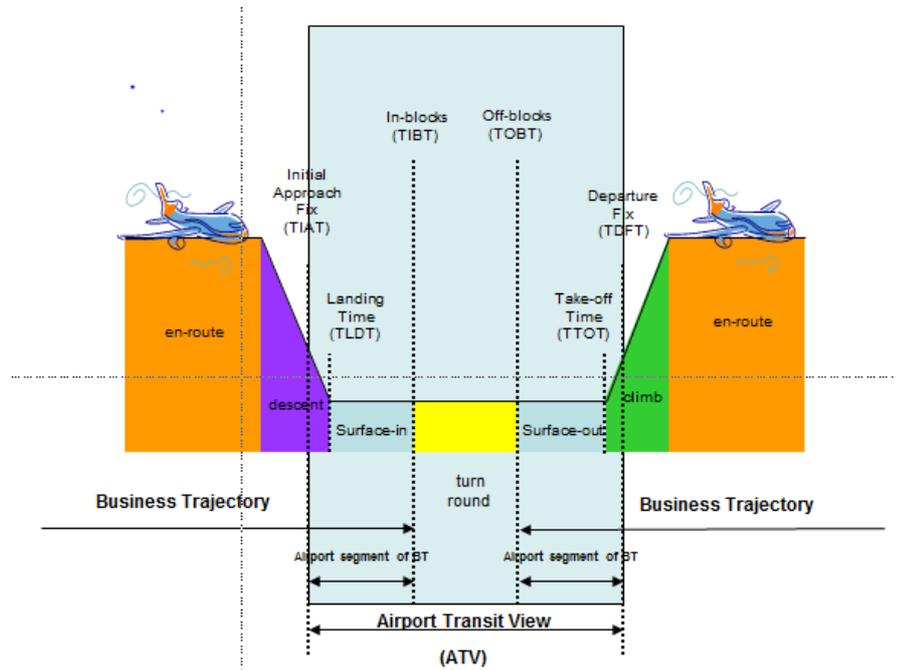
- Coaching and guidance of the customer in the Airport Design and Planning process to ensure efficiency and commercial profitability
- Elaboration and management of the Airport Operational Readiness and the Transfer of the Airport Processes (Clearance of Operation CfO)
- Coaching, support and training of the staff for the take over and commissioning of the systems and the airport operation with a high level of performance
- Safety assessment and commercial audits in order to maintain the operation up to date industry practice and international regulations

The Scope of Services

With reference to the depicted standard Airport Transit View and the overall recognized Value Chain Model of an Airport System; we are able to offer the following Scope of Design, Planning, Management and Engineering Services in close team orientated cooperation with our clients:

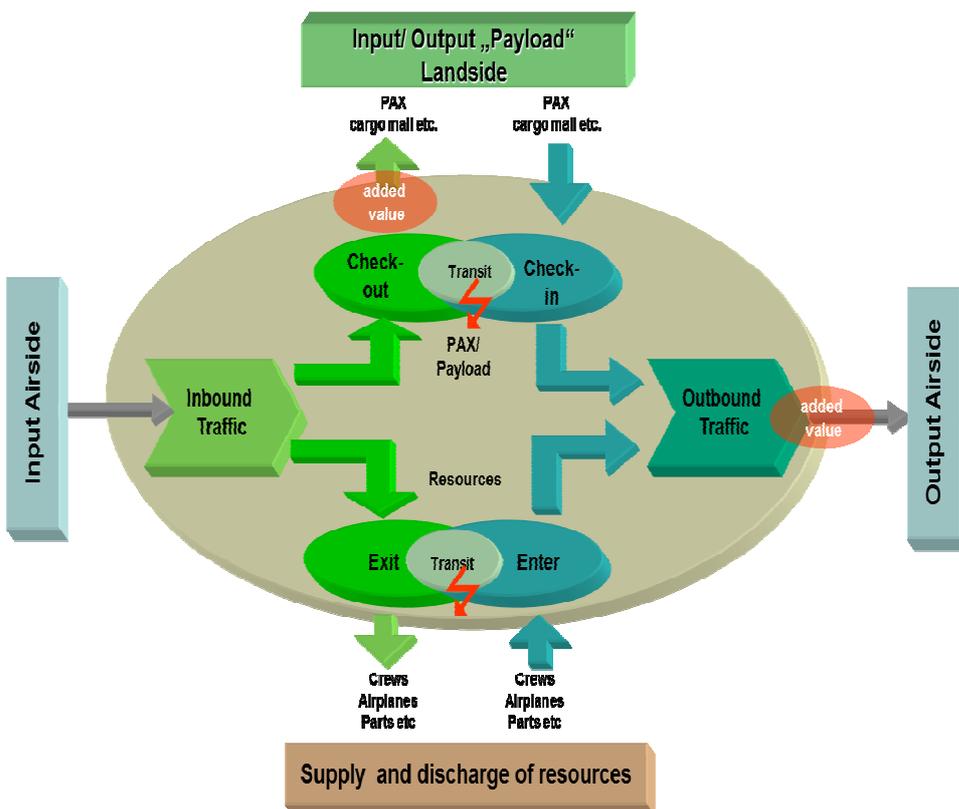
Aviation and Airport in general terms

- airline marketing and route development
- forecasts and scenarios
- sensitivity analyses
- SWOT-analyses (Strength, Weakness, Opportunity, Threat)
- technical/economic analysis and assessment/optimization
- demand and capacity analyses
- airside and landside infrastructure and process simulation
- due diligence
- overall concept design (Master Planning Operation, Infrastructure and Real Estate)
- development of strategies, new processes and business concepts
- airport process and performance monitoring
- airport privatization and bid management
- estimation and scheduling of investments
- cost optimization
- retail studies and tariff settings
- business planning and investment validation
- Obstacle Limiting Zones: definition and surveillance



Aviation and Airside Facilities

- control tower
- air traffic control (ATC)
- runway layouts
- taxiway, apron
- remote stands
- navigation equipment (Radar, ILS, GBAS)
- airspace structures (TMA and CTR)
- general aviation & VIP
- cargo & baggage
- fuelling
- fire brigade
- maintenance
- catering
- airport operation control center & collaborative decision making (CDM)
- design and management airport operation plan
- airport monitor definition
- arrival, departure, surface & runway management
- aircraft handling and turn-around management



Non-Aviation and Landside Facilities

- passenger arrival, departure and transit terminals & cargo terminal
- landside arrival/departure short parking, drop off and taxi stands
- central security control
- restaurants, bars, shopping centers, duty free shops, offices
- multistory car park & public transport connections (train, bus, tram etc.)
- power generation and supply utilities
- terminal management
- real estate management
- facility management
- handling agent services & station management

Our Experts and Associates

We have access to more than 100 highly skilled professionals with profound know-how and experiences in the whole range of the aviation and airport business. Our experts are closely connected to JBL Airport Design and Planning Division as Partners, Associates or Sub-contractors.

The academic and professional backgrounds of our consultants in brief are:

- University degrees in Civil, Mechanical, Electrical, Electronic and Aviation Engineering
- Master of Business Administration (Executive MBA)
- Air Traffic Controller (Approach and Departure)
- Ground and Apron Controller
- Master Planner (Operation, Infrastructure, Real Estate)
- Duty Managers Airport Operator
- Airport & Terminal Managers
- Cargo Planning and Operation Managers
- Head of Planning and Operation of Bus Services and Baggage Sorting facilities
- Head of Planning and Operation Ground Handling Services
- Head of Planning & Engineering of Airport Infrastructure and Air Traffic Management
- Architects
- Head of Real Estate Development and Management
- Lawyers with special experiences in Aviation and Airport Affairs
- Pilots (Captains and First Officers) from major Airlines with Homebase in Switzerland
- Researchers and lecturers from recognize European Universities and Institutes of Technology (Professors & PhD)



Contact

Office Address: JBL Management & Consulting GmbH
Airport Design and Planning
Geeringstrasse 41
8049 Zurich
Switzerland

Phone: +41 76 356 90 50

Email: info@jbl-airport.ch
Internet: www.jbl-airport.ch

Contact: Mr. Rolf Wyss
President & Managing Partner