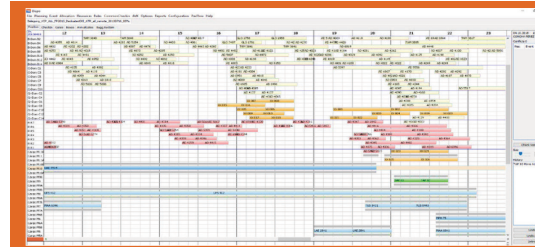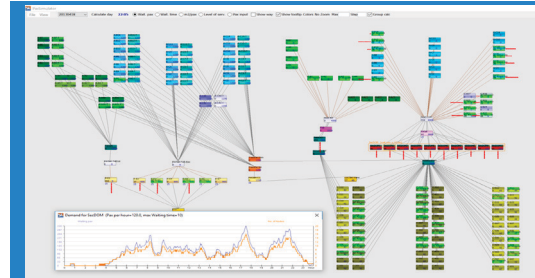# airport-pro

consulting and software for airports

- resource management system
- passenger flow simulation

- traffic analysis & forecast

- capacity assessment
- operational optimization

- design review
- development & master planning

- commercial & revenue planning
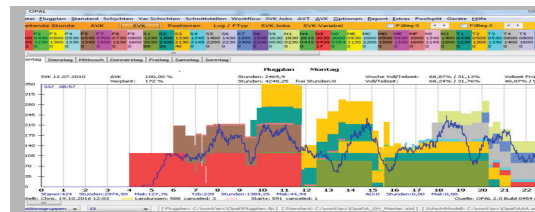- staff & GSE planning

interconnected for what-if analysis

DISPO RMS
planning & real time
resource allocation

DISPO SIM
passenger flow
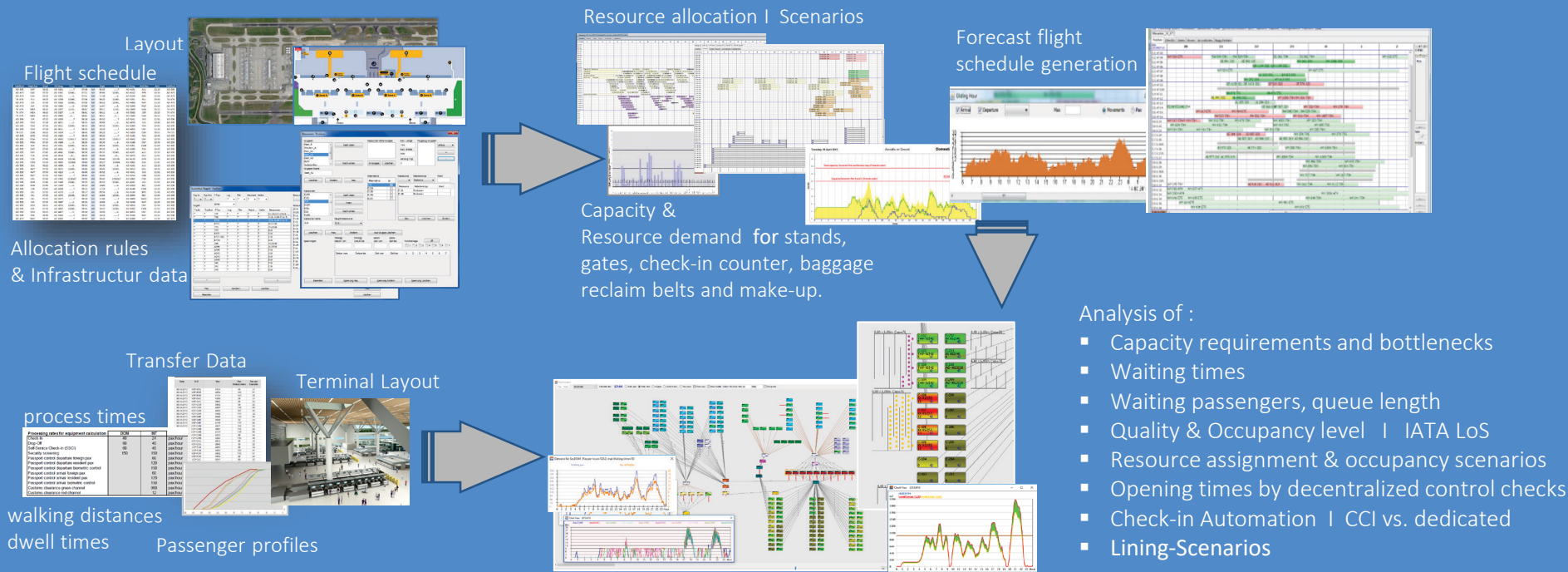simulation

OPAL
staff & shift planning
GSE planning

experts in capacity questions

airport expertise and specific software for a smart and comprehensive planning of airport traffic, operations and infrastructure

airport-pro

consulting and software for airports

Disposition and Simulation Tool DISPO

DISPO was developed and validated within the last 10 years according to the needs of airports, specially Munich Airport.

Layout
Flight schedule

Resource allocation I Scenarios

Forecast flight schedule generation

Allocation rules & Infrastructur data

Capacity & Resource demand **for** stands, gates, check-in counter, baggage reclaim belts and make-up.

Transfer Data

Terminal Layout

process times

walking distances
dwell times

Passenger profiles

Analysis of :
- Capacity requirements and bottlenecks
- Waiting times
- Waiting passengers, queue length
- Quality & Occupancy level I IATA LoS
- Resource assignment & occupancy scenarios
- Opening times by decentralized control checks
- Check-in Automation I CCI vs. dedicated
- **Lining-Scenarios**

DISPO
- allocate airport resources efficiently
- evaluate the capability of the airport design
- assess apron and terminal capacity and level of service for different design, traffic and operational scenarios

- Flexible
- Fast (seconds range)
- 2D – Animation
- Terminal functionality overview
- Ideal for What-if-Scenarios