



Do you need a new perspective on Airport Operations?

UltraApex

The Airport Performance Expert System

Features

- Real time data allows immediate reactive management
- Predictive capability allows planning for exception circumstances
- Optimised airport management delivers long term financial benefits
- Clear visibility allows airports to manage stakeholder activity
- Collaborative decision making across the airport
- EuroControl A-CDM module includes operational and allocated resource view, milestone display, integration with CFMU through DPI and FUM messaging

Business Intelligence turning data into knowledge.

Invaluable in supporting lean and six sigma initiatives from inception, through execution and throughout continuous improvement.

Spend less time gathering and analysing data and more of your time on improvement programmes underpinned by organisational insight.

Strategic dashboard provides comprehensive visibility of actual performance against identified targets.

Real time data drives predictive algorithms which assess the likely impact on key processes and raise alerts proactively enabling response prior to SLA breach.

Analyse historic performance on key operational days.

Modular Business Intelligence packs enable rapid return on investment.

Scalable and flexible Enterprise Infrastructure.

Industry proven integration strategy from legacy ftp and socket interfaces to full Service Orientated Architecture (SOA) over an ESB.

Designed to scale from tier-3 to tier-1 airports.

Supports server farm, virtualised, public or private cloud deployment provisioned over a LAN, WAN or 3G network.

Architected, designed, constructed and tested for the most demanding operational environments.

Capable of handling over 250 flight movements per minute.

Multi airport capability.

Key Features

- At-a-glance information in graphical form
- Easy integration to multiple data sources
- Deployed using industry standard technologies
- Multiple modules giving users unique customisation capability
- Multiple airport capability



UltraApex

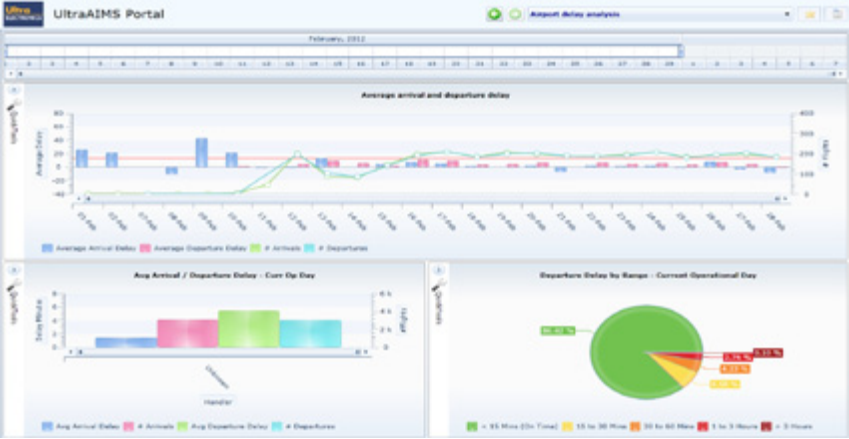
UltraApex allows airports to plan and manage operational process offering not only real time overviews but also predictive and trending capability. Full visualisation of operational status combined with drill down functionality for detailed situational analysis provides the tools needed for airport operational process optimisation.

AIT Flight Info	BSP Gate	Sale Status	Actual Gate	Plan Position	Actual Position	ETA Actual	ETA Plan	TOT Actual	TOT Plan	Gate Status	
3770B DL 15 SCH			36:58	37:30	37:07	36:22	34:32	36:30	34:40	17:30	19:00
875-418 BT MAD			08:33	09:23	07:18	09:10	09:20	09:20	09:30	09:08	10:24
440582 69-15 MUC			08:53	09:23	08:29	09:30	10:00	10:00	10:18	10:18	10:21
8231972 69-45 SOF			10:17	10:30	09:09	10:35	11:05	11:13	11:23	11:23	11:30
8181 80-15 MUN			17:33	17:59	18:27	11:27	11:32	11:45	11:55	17:50	19:20
4P3141 13-10 CDG			11:00	11:25	10:59	11:42	11:52	12:00	12:10	12:10	12:54
4X394 13-10 LHR			11:15	12:00	10:55	11:57	12:02	12:15	12:35	12:42	13:50
77191 32-00			13:02	13:30	10:53	13:12	13:22	13:35	13:45	14:00	15:00

Multiple data feeds are integrated and melded to provide at-a-glance graphical information, enhancing data accuracy.

Multiple users are provided with consistent information in the same format but with customisable displays. Collaborative decision making becomes a reality and sources of stakeholder disagreement are mitigated.

Scaleable throughout the world's largest airports and providing information at point of decision on mobile devices at management desktops, or in the airport control centre, allows immediate enhanced collaborative decisions to be made and acted upon.



Process optimisation delivers financial benefits to the airport, enhancing resource usage, mitigating effects of exceptional circumstances.

Answers key operational and management questions:

- Do you know how your operation performed on any given day?
 - How consistently does your operation perform?
 - Can you analyse performance in a multi faceted way?
 - Can you react immediately to a developing situation secure in the knowledge you are taking the right remedial action?
- Airport Collaborative Decision making, using EuroControl 16 milestones in a dashboard format
 - Airport map, at-a-glance situational awareness
 - Aircraft flow KPI and reports; tracking punctuality and data accuracy of aircraft movements
 - Resource utilisation KPI and reports, integrating input from a resource management system
 - Passenger flow KPI and reports: linking input from queue length monitoring systems and passenger situational tracking systems to allow predictive queue monitoring
 - Baggage flow KPI and reports
 - Operational reports
 - Notices and alerts



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