

AVIATION WEATHER COCKPIT

HIGH-PRECISION FORECASTS FOR
SAFE & EFFICIENT AIRPORT OPERATIONS



YOUR CHALLENGES



WHEN TO STOP AND RESUME GROUND-HANDLING ACTIVITIES



OPTIMAL SCHEDULING OF GROUND-HANDLING RESOURCES



WHETHER AND WHICH SNOW-CLEARING EQUIPMENT WILL BE REQUIRED



ANTICIPATING CONDITIONS REQUIRING DE-ICING

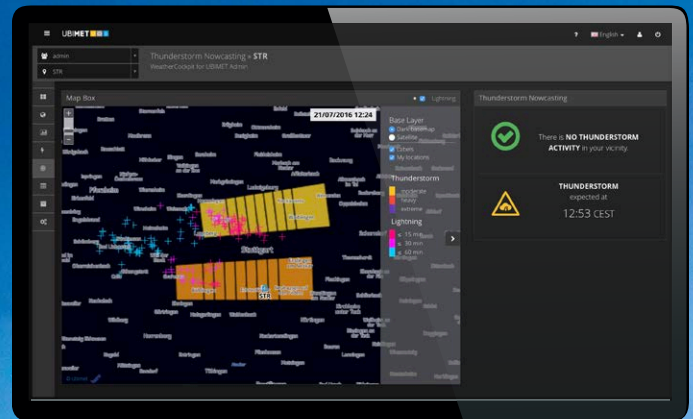


PREPARING FOR DISRUPTIVE WEATHER PATTERNS



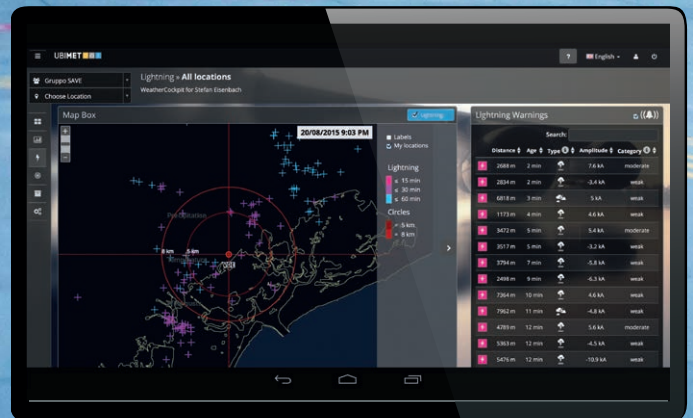
GUIDANCE ON SAFETY FOR PASSENGERS AND EMPLOYEES

OUR F



THUNDERSTORM TRACKING

- Detecting thunderstorms in the vicinity of the airport
- Short-term forecasts of thunderstorm movements
- Calculating estimated thunderstorm arrival time
- Distributing early warnings via Aviation Weather Cockpit, e-Mail and text message

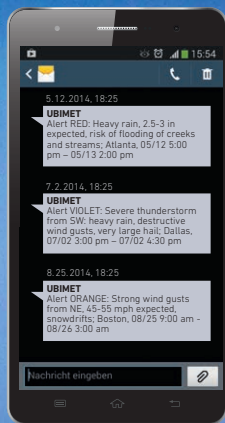


LIGHTNING DETECTION

- Patented 3-D measurement algorithm
- Real-time lightning information
- Accuracy within 75 meters
- Ability to precisely define lightning alarms (e.g. ICAO 8/5 km radius recommendation)

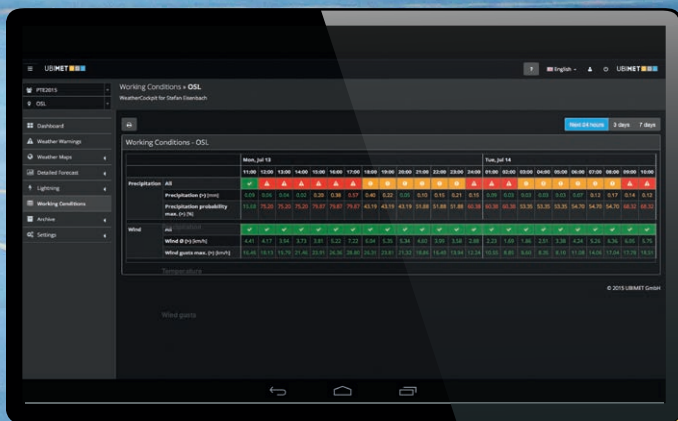


FEATURES



WARNINGS AND ALERTS

- Weather-related warnings when parameter thresholds are exceeded (e.g. wind, temperature, precipitation, snow)
- Severe weather warnings provided by meteorologists
- Ability to precisely define user groups receiving alerts
- Distributing early warnings via Aviation Weather Cockpit, e-mail and text message



PLANNING CALENDAR

- Optimized planning for ground operation shifts and resources
- Automatic alignment with meteorological forecasts
- Displayed as green / yellow / red days in Aviation Weather Cockpit
- Planning horizon of up to 8 days

YOUR BENEFITS

INCREASE EFFICIENCY



- Reduce ground-handling downtimes
- Maximize airport capacity
- Facilitate automated decision-making
- Anticipate disruptive events earlier
- Adapt resource planning to weather situation

REDUCE COSTS



- Economical resource planning
- Reduce additional costs resulting from over- or understaffing
- Optimize allocation of standby resources
- Reduce cost due to lost capacity
- Reduce accident-related claims

ENHANCE SAFETY



- Enable proactive safety measures by early and accurate weather warnings
- Reduce the risk of weather-related injuries to passengers and employees
- Prevent damages to aircraft and infrastructure
- Enhance overall sense of security
- Increase customer and employee satisfaction

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ABOUT UBIMET

UBIMET is the leading weather service provider for aviation and one-stop shop for high-quality data, a proprietary lightning detection network, weather alerts and tailor-made meteorological solutions. The founded company with offices on three continents stands for reliable, highly precise weather information and digital information services for weather-dependent companies. As a global innovation leader, top insurers and energy providers, infrastructure operators, media and sports companies to champions of the new economy place their trust in us. UBIMET offers high quality meteorological data, forecasts and warnings which enable weather dependent industries around the globe to increase safety and efficiency.

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