RotorWatch®

Enhance your helicopter operations and improve safety with dynamic helicopter and asset display and alerting capabilities

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Run safer, more efficient operations

Adding the premium RotorWatch service to AviationSentry Online® Helicopter Edition turns your weather system into a tool that can monitor your entire operation on a single desktop. RotorWatch integrates real-time weather and position information that enables you to:

- See the current position and status of your helicopters in a single display
- Monitor the impact of weather on each helicopter or base
- Ensure compliance with your operations specifications

RotorWatch extends weather information from situational awareness to active decision making. AviationSentry Online Helicopter Edition provides you with instant, real-time access to the weather information you need at a moment's notice — no matter where you are — so you can run safer, more efficient operations. Now RotorWatch takes that one step further by actively comparing that same weather information to the real-time positions of your helicopters, applying your own operations specifications and rules for weather hazards, and displaying the current status of all aircraft and bases for quick and safe decisions.

1,000

More than 1,000 assets can be monitored at any given time

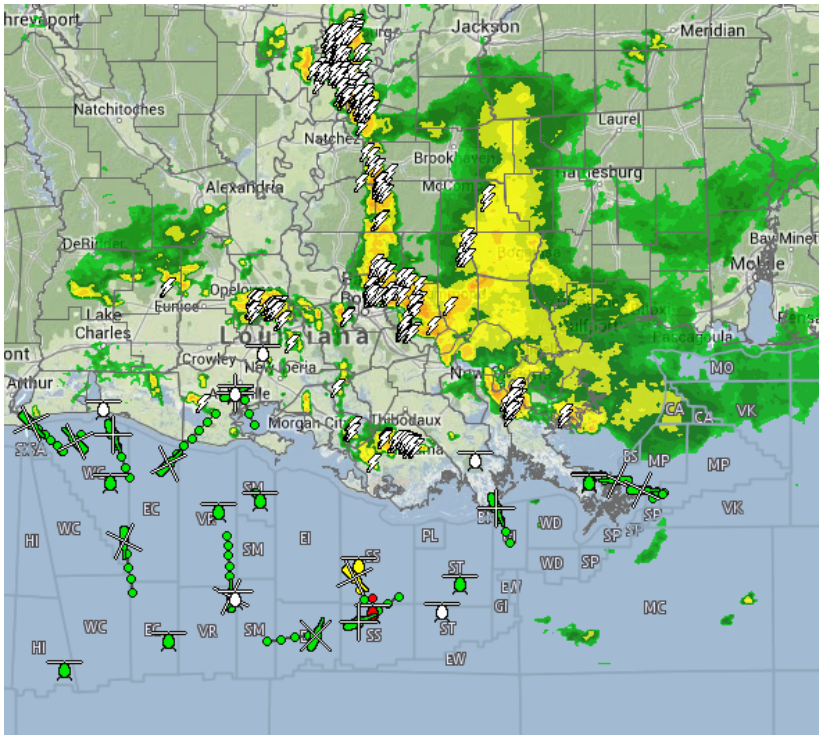
See all of your helicopters in one display

No need to keep multiple screens open to stay on top of your helicopters' current positions. RotorWatch provides a dynamic, single, integrated view of your in flight helicopters, bases, and current and forecast weather conditions for improved safety and greater operational efficiencies. More than 1,000 assets can be monitored at any given time, whether on our interactive map interface or as a list on the asset view page, which is updated every minute and prioritizes assets based on the most critical alerts.

RotorWatch screens include every aircraft position and weather update, so you always see an up to the minute view of your operations, including their past route of flight. You even mouse over your helicopter icons to view aircraft ID, current direction, speed, altitude, and more.

New! Effortless flight route alerts

Quickly determine if the weather will impact one of your flights, with minimal hands-on time on your part. Our 4-D Flight Route Alerting supports safer flights with better planning and in-flight alerts — allowing your pilots to make changes en route. We monitor your flight routes and up to 25 locations for you, and make safe, cost effective recommendations based on your preset thresholds and assets.



Pilots using RotorWatch can see at a glance whether they can accept a flight or not, according to your company's policies

Monitoring and alerting for current and forecast weather

Through our WeatherSentry Online Helicopter Edition's exclusive layered map interface, RotorWatch provides a visual alert of weather threats to your:

- In-flight helicopters and other moving assets
- Bases
- User locations
- Destinations like hospitals, oil rigs, and more and public safety services

Each item is color-coded according to its current weather alert status — and you can easily tailor the alerts and thresholds to your operations. An audible alert can also be set up for an additional signal that conditions have met your concern threshold.

Alerts are updated as current and forecast weather conditions become hazardous to your operations — including lightning, radar-depicted thunderstorms, and many others, including specific types of Temporary Flight Restrictions (TFRs). This provides valuable time needed to warn pilots, reroute in air flights around threats, or defer them to alternate destinations. RotorWatch also helps you to reduce risk to personnel and passengers while maximizing operations, because you can accept more flights when you know conditions are not likely to impact them.

Pilots using RotorWatch can see at a glance whether they can accept a flight or not, according to your company's policies. RotorWatch is a complete solution for monitoring weather threats to your operational assets — allowing you and your pilots to make better go/no-go decisions.

Most transponders and regions supported

RotorWatch can display and alert helicopters that use transponders from Outerlink, Blue Sky, SkyConnect, and SkyTrac.

Complete weather solutions

RotorWatch is part of a comprehensive suite of services for helicopter operations. We also offer satellite-delivered briefing systems, custom forecasts, mobile weather solutions, and 24/7 access to aviation meteorologists for consultations.

Instant, real-time access to the weather information you need at a moment's notice

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Schneider Electric

9110 West Dodge Road
Omaha NE 68114
Phone: +1-800-610-0777
Fax: +1-402-255-8125

www.schneider-electric.com

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