

Defense Position Optimizers

Sectorization Dynamic Mean



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This document is of a commercial nature and the characteristics reflected are not binding for specific projects. The characteristics of the product will be specified in the final documentation of each project.



DEFENSE POSITION OPTIMIZERS

Sectorization and dynamic measurement tools drastically reduce how long the trackers stay in stow position when wind alarms are triggered. Thanks to these features, the trackers will spend more time tracking, maximizing plant production and reducing unnecessary movements while always maintaining the safety of the installation.

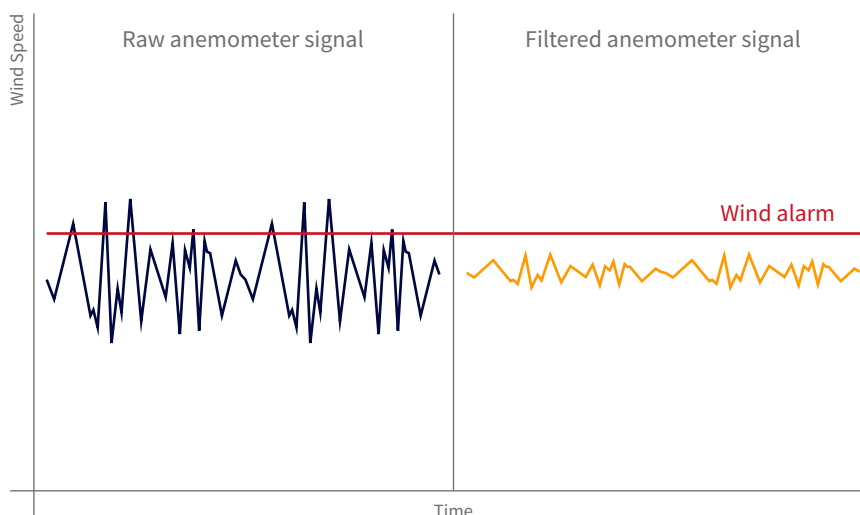
SECTORIZATION

Sectorization allows you to associate project segments with specific wind sensors. This functionality prevents sections of the plant that are not subjected to such intense winds, whether due to the topography or the detection of occasional gusts, from having to unnecessarily move their trackers into a protective position. This ensures that the high wind alarm only activates on the trackers associated with the specific sensors that detect those speeds.



DYNAMIC MEAN

The dynamic average developed by Soltec offers filtering and additional processing of the signal supplied by the anemometers, reducing signal noise and preventing isolated wind speed readings that are not sustained over time from triggering wind alarms and unnecessarily putting the trackers into defensive mode. This algorithm evaluates and selects wind speed data to provide a realistic wind speed signal to the trackers, reducing false positives while maintaining the true positive rate.



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