breeze

Breeze Production

WIND FARM MANAGEMENT SYSTEM

User-friendly, real-time, turbine independent analytics software.

MONITOR

ANALYZE

MANAGE

SECURE

EXTEND

Monitor production levels and alarms in real time.

Analyze and compare operational and financial data.

Track and evaluate ROI for performance enhancements.
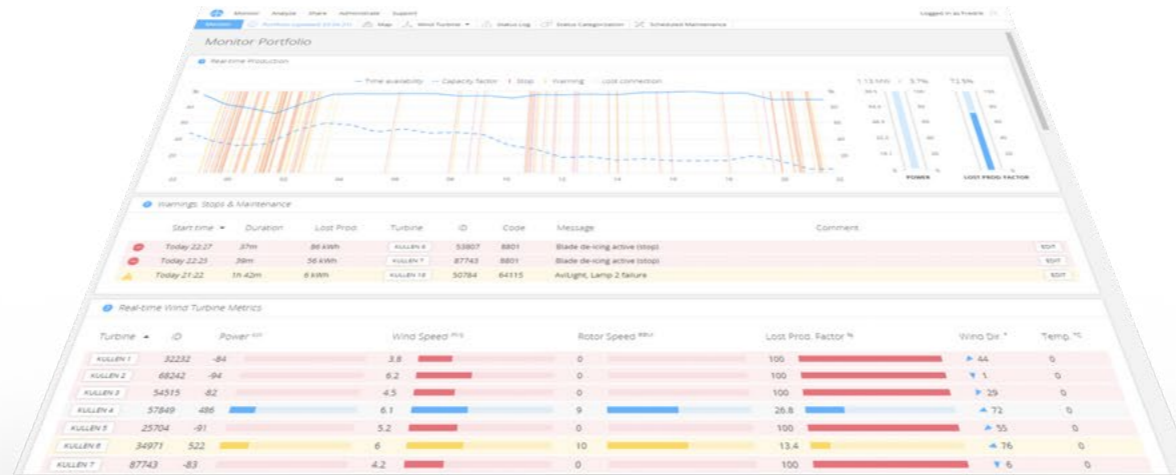
Centralize and secure all data for long term storage.

Use Breeze on your mobile and leverage the powerful API.

Release Untapped Wind Farm Potential

Breeze is a web based software that harnesses the power of big data, cloud computing and analytics to let wind farm owners and operators capture the true potential of their investments. Wind turbines are easily hooked up to Breeze regardless of model or brand, resulting in one single system to monitor, analyze and benchmark a wind farm owner's entire portfolio.
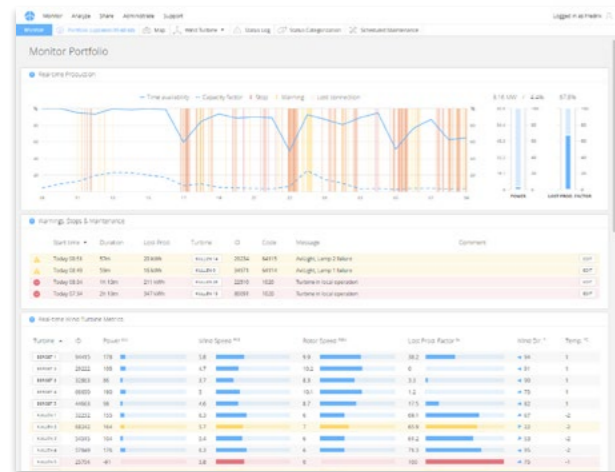

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Of all products evaluated, no other one was built from the ground up using a true cloud-based Software-as-a-Service approach. Breeze fits right into our IT strategy of leveraging the latest web-based solutions for efficient and cost effective asset management that is fully scalable-upon-demand by design and where you pay as you grow.
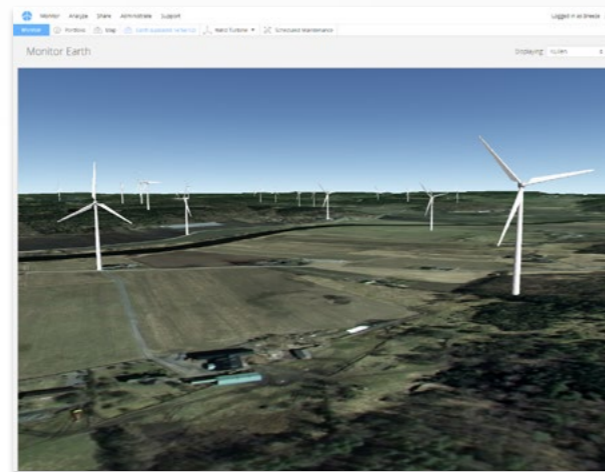
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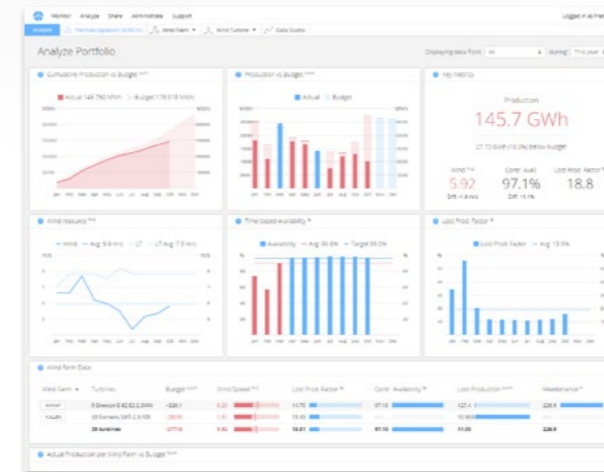CHIEF OPERATING OFFICER, YARD ENERGY GROUP

Monitor Portfolio

Monitor your wind farms to minimize down time. Key performance metrics, errors, warnings in real-time.
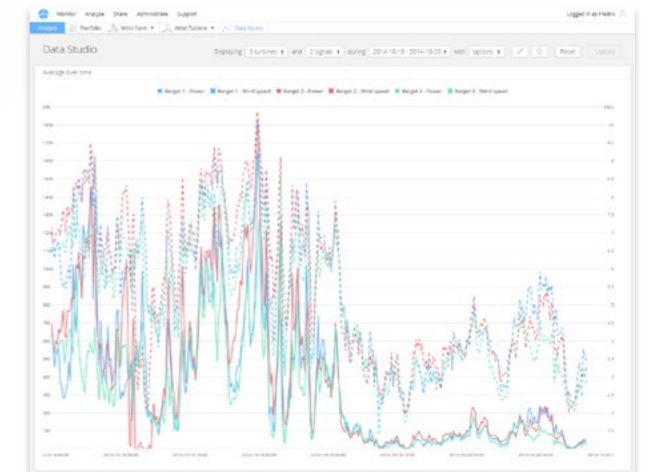

Geographical Overview

Geographical overview of wind turbine portfolio. Well suited for operation control centers. Available in 3D.

Analyze Portfolio

Wind farm KPIs. Budgets, availability, production, performance index, wind conditions and more.
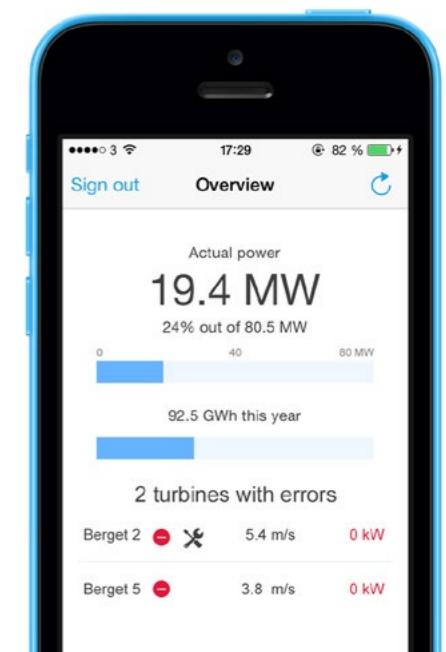

Data Studio

Identify under-performing turbines. Useful for overview and detailed drill down root cause analysis.

How Breeze can Improve Wind Farm Operations

- ✓ Increase uptime and asset production
- ✓ Realize substantial time-savings from portfolio-wide software system
- ✓ Take targeted actions based on observed trends or degradation of performance
- ✓ Track whether corrective actions have improved output and quantify the results

- ✓ Provide hard data to assist owners and operators during negotiations with wind turbine manufacturers
- ✓ Create better and more accurate performance-based contracts for hired service providers
- ✓ Deliver additional value when potential buyers are considering purchasing assets
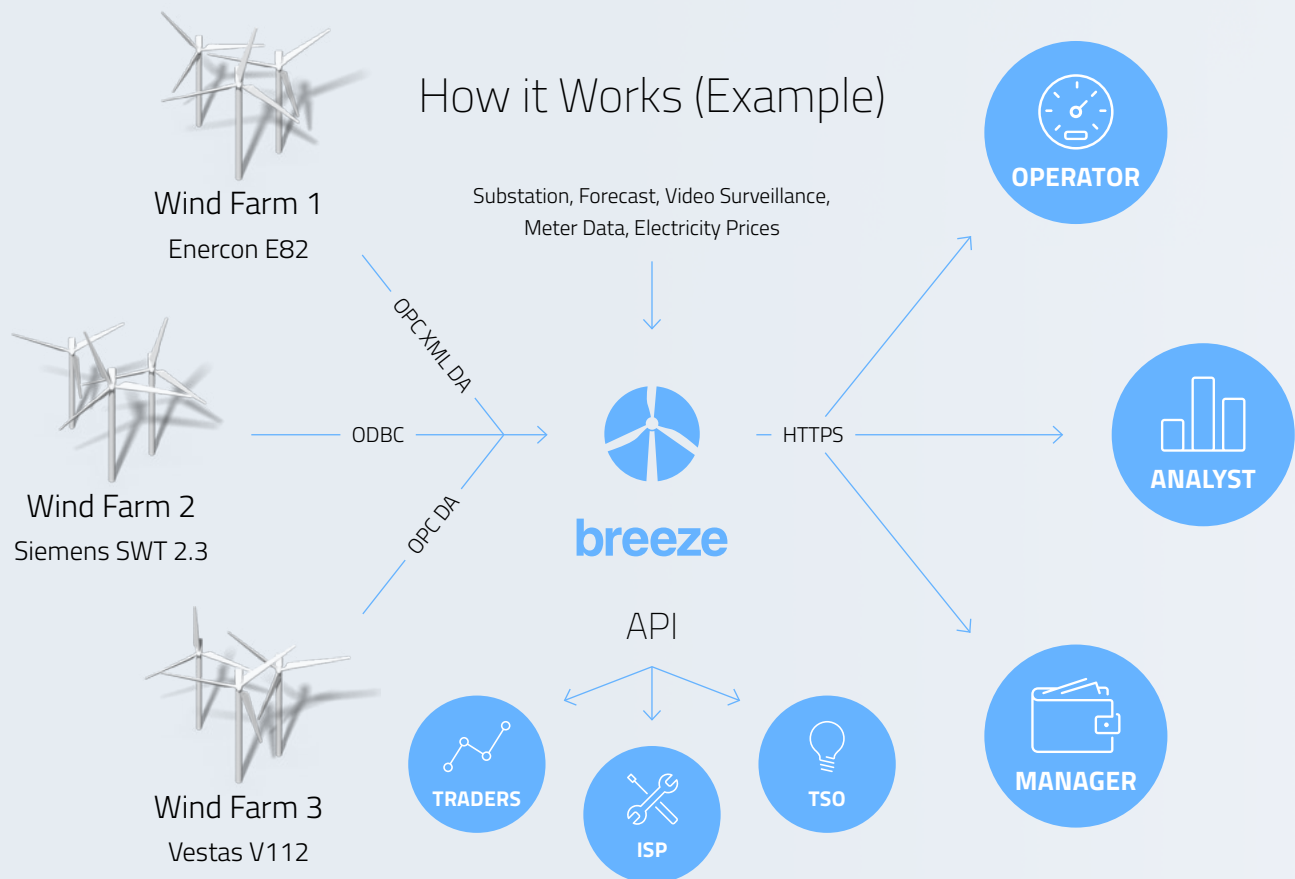
Monitoring on the go

The Breeze Wind Farm Monitoring app for iOS and Android enables monitoring of key metrics for your wind turbine portfolio on the go. Access live wind power production data for your entire portfolio or drill down to see the status of each wind turbine.

Ten Reasons to Try Breeze

✓ Used globally and compatible with any turbine

✓ Scalable from a single turbine to large portfolios

✓ User friendly dashboards and graphics

✓ Automatic notifications via email and automatic monthly report generator

✓ Offers long term storage of 10min historical data for future analysis

✓ API for sharing data with other programs and service providers

✓ Wind farm monitoring app for iOS and Android

✓ Secure infrastructure hosted by Amazon

✓ Actionable information for constructive discussions with wind turbine manufacturers

✓ Innovative features such as learned power curve

How it Works (Example)

Wind Farm 1
Enercon E82

Wind Farm 2
Siemens SWT 2.3

Wind Farm 3
Vestas V112

OPC XML DA

ODBC

OPC DA

Substation, Forecast, Video Surveillance, Meter Data, Electricity Prices

breeze

API

HTTPS

OPERATOR

ANALYST

MANAGER

TRADERS

ISP

TSO

Get Started With Breeze

Contact us for a quick demo of Breeze or a trial with your own wind farm data.

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