

The Industrial Internet in Action



QualiCal AERO Increases Plant Efficiency for Calcis Group



CHALLENGE

- Optimize blowers' operating conditions, increasing their lifespan
- Resolve discrepancies between theoretical & actual amount of air supplied
- Minimize blower energy demand
- Use IoT data analytics to fine-tune equipment and enhance efficiencies

SOLUTION

- Deploy QualiCal's AERO™ application for real-time optimization of air supply & minimize blowers' electrical consumption
- Collect data from equipment, plant conditions, historical performance & maintenance records to help customer address kiln energy demands

RESULTS

- Reduced plant's operating costs and increased asset efficiency
- Realized the power of 1%, as small outcomes that can drive big changes in performance and operative margins
- Improved air supply efficiency from 63% to 92% saving approximately 450€ in daily electrical consumption

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