

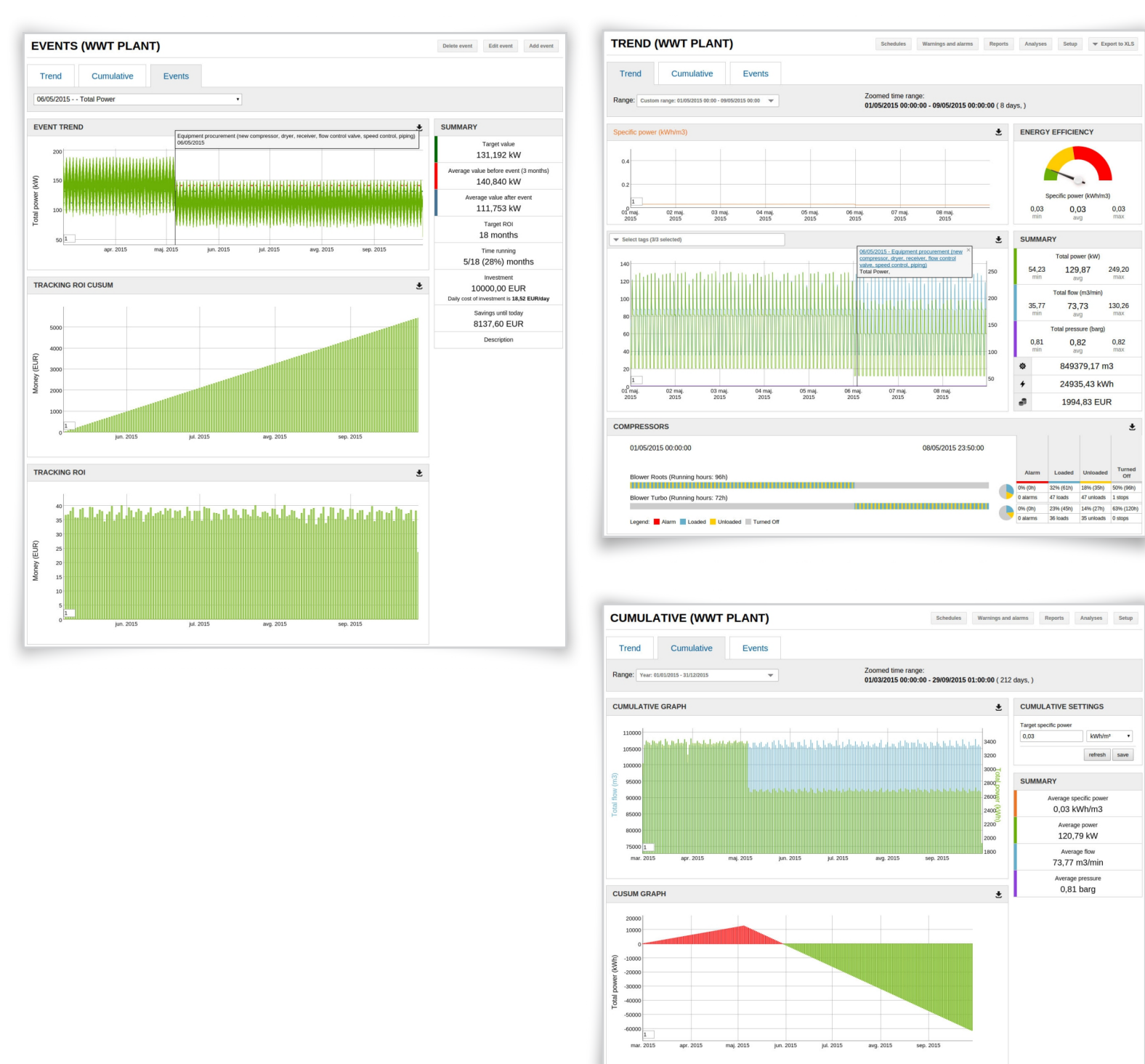
## Case study

# WWT plant with CALMS optimization



CASE Study:  
WWT plant replacement of  
standard frequency driven  
500 HP roots blower with a  
new 300 HP turbo blower.

# WWT – plant Energy savings with turbo blower



## Result For Air Blowing in WWT

- Reduced energy consumption: more than 27 %
- Oil-less System => 100% oil-less air
- Discharge Temperature: 36 °F lower than with roots blower => Increase Aerated water temperature less than 5,4 °F
- Precise control: Protect for excessive aeration
- Noise level: 82dB @ 1m (Before 105 dB)
- 30% Less space required
- Integrated frequency driver

Advanced hardware, software and cloud computing solutions that enable compressed air systems to be quickly and easily monitored and audited online all the time.

**3 in 1 – Compressed Air Remote Monitoring System, Datalogger and PLC Control System for detailed analysis**

- Optimization of energy efficiency
- Time and cost savings
- Improvement of reliability and lifetime of your system and machinery

