



Citrix improves operational efficiency by tracking vendor performance

“Ecorithm simply helps us understand our facilities better. We continue to make our operational strategy more effective, ultimately leading to energy savings and occupant comfort.”

Ray Hunting
Senior Controls Engineer, Citrix

Challenge

With an annual revenue of \$3.14 billion in 2014, Citrix owns and operates a global portfolio of commercial office buildings and data centers. Citrix monitors all of its facilities remotely using a Network Operations Center (NOC) with support from engineering teams at each location.

- Difficult to manage maintenance and operations vendors due to low awareness of building performance
- Potential HVAC inefficiencies caused by running systems during non-work hours
- Weak insight into primary causes of system faults

Solution

- Ecorithm delivers daily reporting of faults via web interface
- Monthly reports generated and reviewed with facility team
- Serves as a powerful training tool for internal building staff, and an external vendor compliance tool for improved operational efficiency

Results

- Updated control sequences to improve heat recovery equipment runtime performance by 27%
- Eliminated excess HVAC night usage by analyzing occupant load and re-organizing seating according to work schedule
- Enabled facilities team to address findings immediately from automatic daily fault detection and root cause analysis
- Building maintains excellent comfort level through proactive, continuous monitoring

True Analytics from Ecorithm provides a simple solution to a complex problem: directly actionable insights for building systems. True Analytics integrates advanced data science techniques with mechanical engineering expertise to rapidly deliver highly accurate analytics. Ecorithm’s customers receive unprecedented visibility into the complex, dynamic systems in their buildings, empowering them to run their buildings at peak efficiency.