

# Aternity Energy Efficiency Solution for Digital Employee Experience

Optimize IT Efficiency with Aternity's Intelligent Automation

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Riverbed Aternity offers out of the box dashboards that provide immediate insights into environmental impact of device usage, aiding in both energy and cost reduction. By collecting detailed performance metrics in real-time, Aternity employs automation to heighten eco-awareness, encourage user behavior and take action to drive sustainable IT practices.

## The Business Challenge

In an era of heightened environmental consciousness, corporations face increasing pressure to decrease their carbon footprint and adhere to sustainability regulations like the European Green Deal and the international Greenhouse Gas (GHG) Protocol. Adding complexity to these imperatives is the adoption of hybrid work models and the fragmentation of modern IT networks, making accurate data collection and measurement of sustainability metrics a challenging endeavor. The need for organizations to be accountable for their environmental impact has never been greater as employees and customers alike are calling for more responsible corporate practices.

## Advance Sustainable IT Initiatives by Empowering Employees and Increasing Environmental Awareness

Riverbed® Aternity provides pre-built dashboards that offer real-time insights to IT leaders and employees regarding the environmental impact of device usage. This supports environmental reporting requirements while reducing costs associated with avoidable energy consumption. Aternity captures and correlates granular, actual end-user performance data from all applications and devices, translating it into actionable, environmental insights to carbon emissions. The solution includes proactive messages that inform users about their energy consumption and provides remediations to drive changes in employee behavior. Aternity also offers sentiment survey templates to enhance employee engagement and promote the adoption of sustainable practices for a positive environmental impact.

## Riverbed Aternity's out-of-the-box environmental visibility drives sustainable IT to the forefront of the digital employee experience and reduces costs.

By collecting and correlating granular telemetry across devices, Aternity's Energy Efficiency dashboard provides visibility into device uptime and energy metrics, allowing IT to identify areas for reducing avoidable energy consumption and measure the carbon footprint at the individual and organizational level. By measuring uptime, IT organizations can identify opportunities to educate employees about conserving energy during idle device times.

Key capabilities include:

- Calculation of key environmental metrics such as device uptime, electricity consumption, carbon emissions, and electricity costs.
- Breakdown of metrics by device time, geography, power plan, business unit and more.
- Customization of calculation parameters to fit specific goals and operational needs, making Aternity a powerful tool for organizations to adopt and build upon sustainable IT practices.

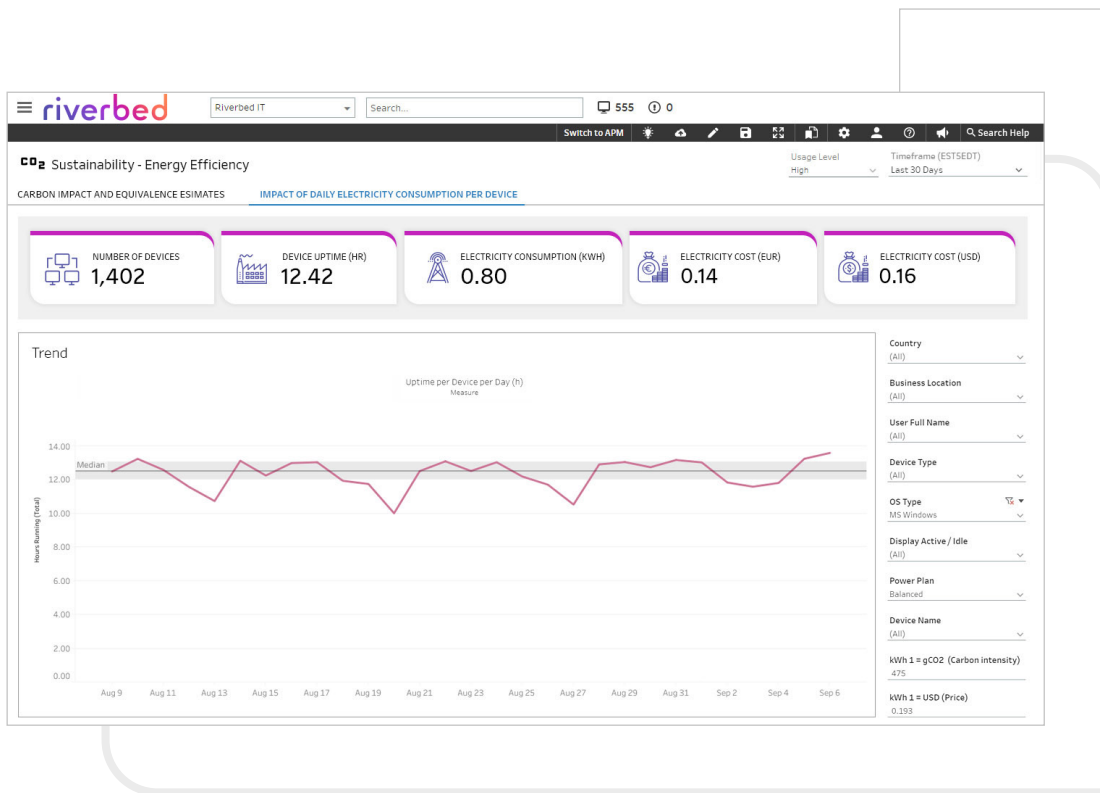


Figure 1: Out-of-the-Box Energy Efficiency Dashboard.

Additionally, positive behavior changes are driven by translating environmental impact to tangible metrics and equivalent 'real-world estimates. For instance,

carbon emissions are converted into equivalent units such as the distance traveled by a car or the number of mature trees needed to offset the CO2 emissions.

## Aternity automation streamlines sustainable IT practices and operational efficiency.

The Aternity Energy Efficiency solution provides automation to create awareness and avoid unnecessary energy consumption by informing users of their daily habits or taking action. Examples of remediations include:

- Suggesting or automatically changing a device's power plan to go to sleep after 10 minutes of inactivity or another specified period.
- Sending a device into sleep mode when idle for an extensive period.
- Informing users when a device has been running for longer than 24 hours.

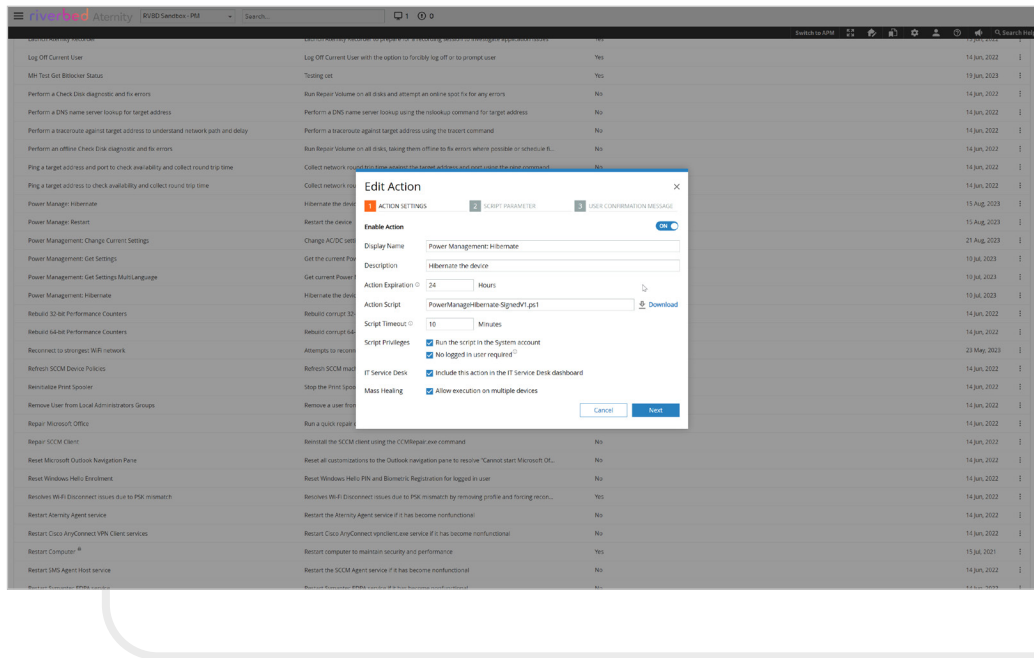


Figure 2: Automated Remediation.

## Aternity Sentiment Promotes a Digital Culture of Sustainability.

Aternity provides employee sustainability survey templates to raise awareness, understand employee behavior, and drive cultural change

regarding sustainability practices. The surveys encourage individuals and organizations to consider their environmental impact and foster a shared responsibility among employees.

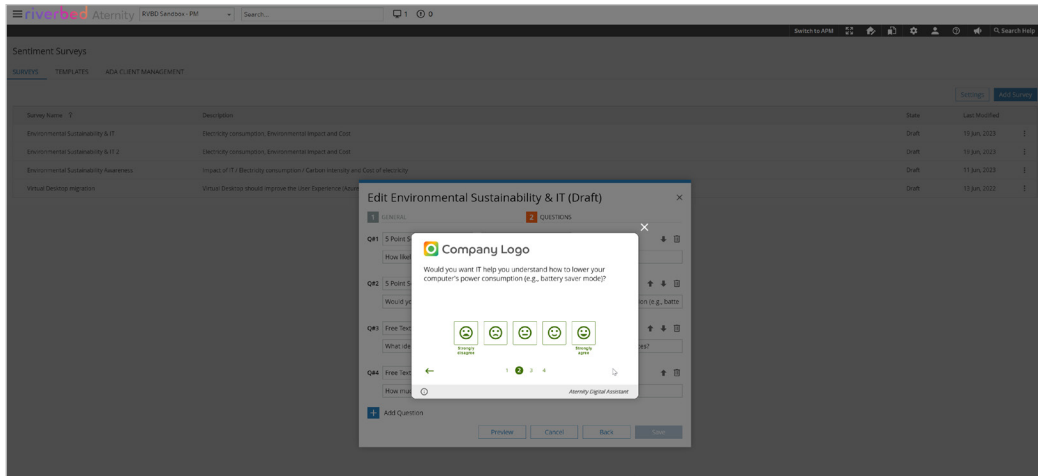


Figure 3: Aternity Survey Templates.

**Riverbed Aternity’s Energy Efficiency solution supports reporting requirements for environmental agencies and regulations while reducing the risk of non-compliance.**

With the growing focus on sustainability guidelines and regulations, such as The Corporate Sustainability Reporting Directive (CSRD) and the Green Deal, organizations are under increasing pressure to implement sustainability practices and report on their emissions impact. In particular, the Greenhouse Gas

(GHG) Protocol provides a widely recognized set of standards for accounting, measuring and reporting on GHG emissions. Many organizations are required to measure and report their emissions as part of their overall GHG inventory. The Aternity Sustainability Solution helps organizations seamlessly account for and report on GHG Scope 2 emissions.

Note: GHG Scope 2 emissions in the context of IT pertain to the carbon dioxide (CO2) and other greenhouse gases emitted during the generation of electricity that powers IT infrastructure, such as data centers, servers, network equipment, and office equipment.

**Learn More**

With Riverbed Aternity, organizations can make data-driven decisions that advance both sustainability and operational efficiency. Find out how Aternity can

revolutionize your approach to sustainable IT – schedule a demo and visit: [riverbed.com/solutions/digital-experience](https://riverbed.com/solutions/digital-experience).



**About Riverbed**

Riverbed, the leader in AI observability, helps organizations optimize their users’ experiences by leveraging AI automation for the prevention, identification, and resolution of IT issues. With over 20 years of experience in data collection and AI and machine learning, Riverbed’s open and AI-powered observability platform and solutions optimize digital experiences and greatly improve IT efficiency. Riverbed also offers industry-leading Acceleration solutions that provide fast, agile, secure acceleration of any app, over any network, to users anywhere. Together with our thousands of market-leading customers globally – including 95% of the *FORTUNE* 100 – we are empowering next-generation digital experiences. Learn more at [riverbed.com](https://riverbed.com).