



Driving Down Carbon Footprint and Adopting Renewable Energy to Respect the Natural Environment Upon Which We All Rely

At a glance

Industry:

Software

Customer:

Micro Focus

Location:

Global

Context:

Efforts to reduce the carbon footprint and support customers to save costs, drive operational efficiencies, and operate more sustainably

Our Response:

Micro Focus PlateSpin Migrate

Micro Focus Project and Portfolio Management

Micro Focus SMAX

Micro Focus Operations Bridge

Micro Focus Universal CMDB

Impact:

- 510 KW power reduction and \$3M annual cost saving
- 29% Greenhouse Gas (GHG) reduction
- Improved customer experience with deployment flexibility



Micro Focus is one of the world's largest enterprise software providers, delivering trusted and proven mission-critical software that helps organizations run and transform. Its pragmatic, disciplined, customer-centric approach allows customers to succeed in today's rapidly evolving marketplace.

Maximum Flexibility at Minimum Energy Consumption

Micro Focus takes its responsibility to protecting the natural environment very seriously and supports its customers in doing the same. Micro Focus products and services help customers reduce their carbon footprint and adopt carbon friendly IT strategies. Fully aware that the non-people related element accounts for 80 percent of its global power consumption*, Micro Focus is undergoing a global data center consolidation project, as explained by Rafi Levy, director of service operations and hosting services within the Product Service Delivery Center (PSDC): “Through this consolidation we create more efficient IT architectures, reduce our costs, and significantly reduce our environmental impact through lower energy consumption. Ultimately we want to enhance our operations so that we can provide maximum flexibility to our customers.”

* From November 2019–October 2020





Our Response

Micro Focus Solutions Streamline Migration Project

The PSDC is committed to using Micro Focus technology wherever possible, and this provided a perfect opportunity to deploy Micro Focus PlateSpin Migrate, Project and Portfolio Management (PPM), SMAX, Universal CMDB, and Operations Bridge. PlateSpin Migrate reduced the risk of manual errors by automating the virtual server migration and accelerated the process greatly. Before migration, PlateSpin Migrate checked all servers and warned the team of any issues that might negatively affect migration, such as missing drivers. Around 90 people worked on the project over a period of nine months. PPM was used to manage resource assignment for the entire team, giving a real-time view of how many people were working on what part of the process.

Monitoring is critical to the success of complex IT processes, and the team relied on Operations Bridge to provide 24x7 monitoring. “We used SMAX for our live support, and to build an effective workflow. The close integration between Operations Bridge and SMAX means that Operations Bridge alerts are automatically sent to SMAX where a ticket is generated and the whole lifecycle is managed without manual intervention,” says Levy.

Universal CMDB is embedded with Operations Bridge and SMAX and really came into its own in analyzing what equipment was deployed where. This in-depth understanding enabled the migration to take place with the least disruption possible. It also ensured that any redundant equipment could be decommissioned immediately, supporting the green project objectives. “Having these solutions to rely on gave us the bandwidth to take on additional projects. We wouldn’t have been able to deliver the project on time and achieve what we did without them,” comments Levy.



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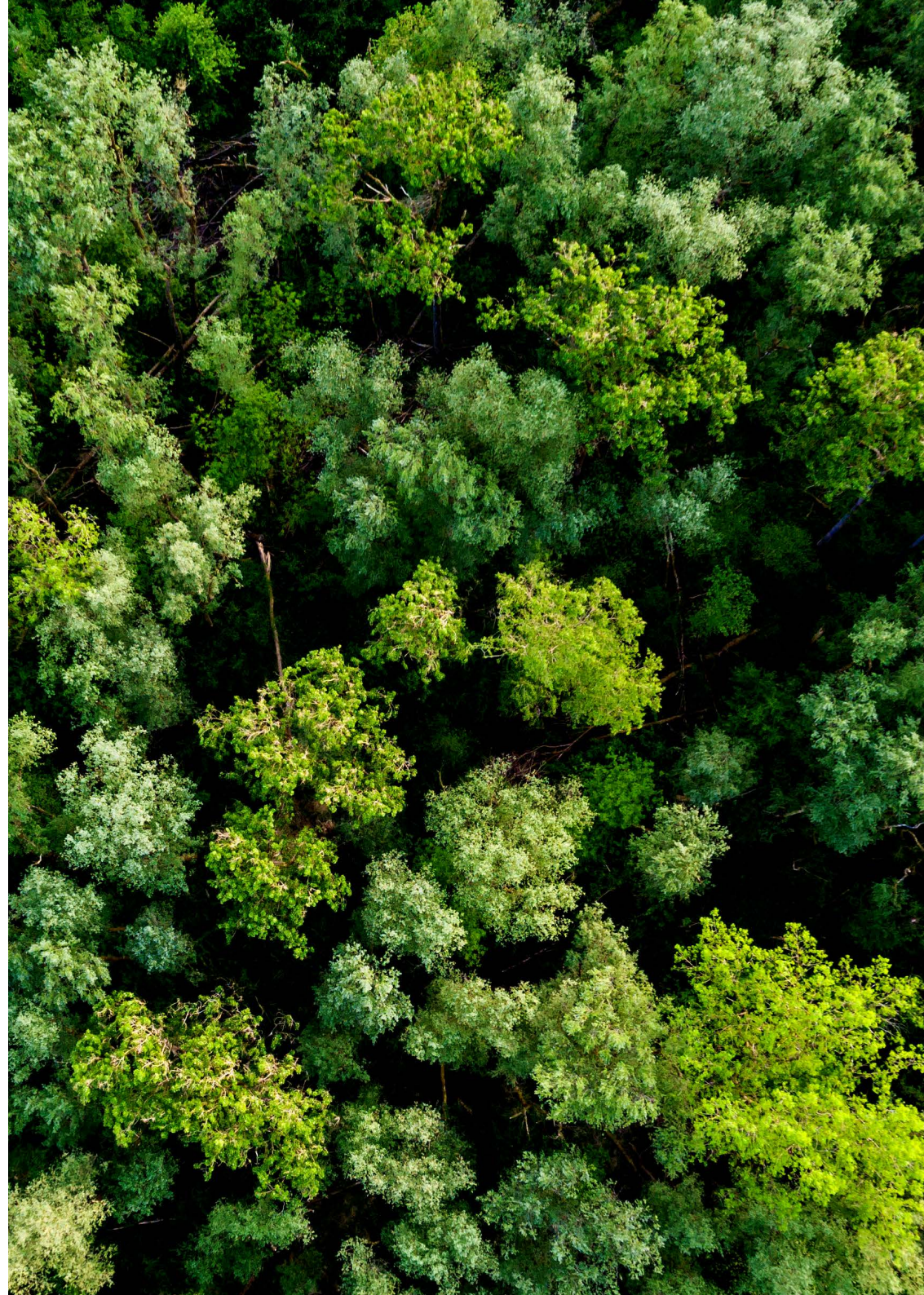
Rafi Levy

Director of Service Operations and Hosting Services,
Product Service Delivery Center, Micro Focus

Significant Energy Consumption Reduction and \$3 Million Annual Cost Savings

In the consolidation effort 51 percent of equipment and associated workload were relocated to other Micro Focus data centers, while the remaining equipment was decommissioned and sustainably disposed of. "We reduced our energy consumption by 510 KW and saved \$3 million in annual rent and energy costs. This further strengthens our commitment to reduce our environmental impact," comments Levy.

In parallel, many Micro Focus solutions now offer a cloud-hosted SaaS deployment option, in partnership with Amazon Web Services (AWS). Moving to the cloud reduces carbon emissions and streamlines critical infrastructure to enhance operations and



improve flexibility. Levy says: "A cloud-based service offers a better use of our IT assets, while giving our customers a better experience. We keep our energy consumption down and reduce our impact on the planet. It's a win-win."

Understanding our carbon footprint and investment in green projects

Meanwhile, Neil Franklin, head of facility operations at Micro Focus, looks after over 90 Micro Focus sites across the world. He aims to increase the use of renewable energy where possible. "All of our sites in Bangalore run on 80 percent solar energy, with a mix of hydro and thermal energy for the remainder," says Franklin. "Our overall challenge is to reduce our absolute consumption, even of green energy, and that's where a data center consolidation really helps, considering the high percentage of our energy consumption is focused there. Moving to more modern and efficient office environments makes a difference too and when we source new locations, we will give greater weight to those with a favorable energy rating."

With 92 percent of Micro Focus staff working from home during the COVID-19 pandemic, one positive outcome has been the 19 percent total energy consumption decrease, and the total Greenhouse Gas (GHG) reduction of 29 percent. The organization will continue its best practice across the entire real estate, with further capital investment in

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Head of Facility Operations, Micro Focus

green projects and targeted employee communication focused on reducing emissions. "Despite the pandemic impact, we can clearly see the results of our efforts," comments Franklin. "We want to help our staff, whether home-based or in the office, understand their own carbon footprint, so that we can work together to minimize this where possible."

Sarah Atkinson, director of corporate social responsibility at Micro Focus, concludes: "We are committed to helping our customers address their carbon footprint and adopt carbon friendly IT strategies, just like we're doing for ourselves. Our portfolio of leading-edge solutions is designed to help customers save costs, increase operational efficiencies, and operate more sustainably to support our planet."

