



## DELIVERING LOW CARBON, SUSTAINABLE DATA CENTRE HARDWARE ANALYSIS

### WHAT INTERACT DOES

Interact is a unique software platform that recommends vendor neutral, optimum IT hardware refresh and/ or upgrade recommendations, with pricing fed by real time product data from across the server market.

### HOW INTERACT HELPS YOUR BUSINESS

Interact provides cost analysis and energy projections. It enables businesses to analyse IT energy in their estate and suggests optimum hardware solutions to reduce the number of servers, save energy and carbon, and increase return on investment.

### USE CASES

**Lift and shift** Interact enables organisations to accurately reduce the number of servers for migration without compromising on performance. This saves rack space, reduces costs, energy and CO2 emissions without lowering workload capacity.

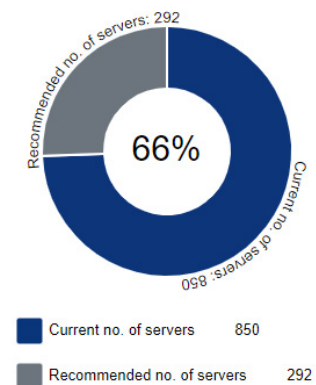
**Rack level consolidation** Interact can identify the worst performing servers and advise how many, and what, servers are needed to run the same workload. This eliminates wasted space, saves resources and reduces emissions.

**5 year strategy** Interact provides a snapshot of server efficiency across the entire server estate and provides a read out of the age and efficiency of each server model. This report is then used to order the machines from lowest to highest performing in terms of workload efficiency and energy draw. From this, decisions can be made about which servers to replace with which models, and when the next report should be run.

### INTERACT HELPS DATA CENTRES:

- Increase energy efficiency
- Decrease costs
- Reduce the environmental impact of IT hardware and implement circular economy principles

Space saving using the recommended model for energy-saving: Lenovo SR655



### BASED ON GROUND-BREAKING RESEARCH

The research behind Interact formed the basis of a peer-reviewed paper which was published in IEEE Transactions on Sustainable Computing in 2021. The Institute of Electrical and Electronics Engineers (IEEE) is a global body which produces highly cited publications, conferences, technology standards and professional and educational activities.

### AS FEATURED IN...

Interact has featured in numerous publications including Education Technology, Techerati, Data Centre Dynamics magazine and leading product and supplier discovery platform, Thomas Net.

