# Cloud computing for carbon reduction

Scalable next-gen solutions needn't cost the earth



**Up to 98%** 

emissions

savings

The cloud can bring you a host of advantages from scalable data infrastructure and compute power (and the cost efficiencies that go with this) to unlocking the potential of AI and ML powered tools.

But according to a report from our partners at Microsoft, solutions running on Azure (like Unit4 Cloud ERP) can also play a huge part in meeting your sustainability commitments.

With the greatest efficiencies and savings realized when smaller enterprise deployments transition to the cloud. And that's not even accounting for the energy (and cost) savings the cloud makes possible.



# 4 drivers that make this possible

## IT operational efficiency

Economies of scale – combined with dynamic provisioning and multitenancy allow for much greater operational efficiency than on-prem deployments. This allows Microsoft to increase their utilization by 400% while only using 70% more energy.

### **IT equipment efficiency**

Dedicated specialized hardware reduces electricity consumption by 10%.

#### **Datacenter infrastructure efficiency**

The hyperscale datacenters that power the cloud achieve far better power usage effectiveness than typical on-prem datacenters.

#### **Renewable electricity**

Consolidating demand from on-prem datacenters onto the cloud creates the potential for large-scale purchases of green power. Not just making the cloud sustainable, but generating enough demand to bring huge new supplies of renewable energy onto the grid – making all the power we use more sustainable and making big structural reductions to carbon emissions worldwide.



The four feature of the Microsoft Cloud that reduce environmental impact. \*kgCO2e - Kilograms of carbon dioxide equivalent



# **Ready to learn more?**

To discover more about how a move to the cloud is good for your business and good for the planet, read the full report **here**, or check out our dedicated cloud migration resources **here**.

For more information, go to: unit4.com



#### Copyright © Unit4 N.V.

All rights reserved. The information contained in this document is intended for general information only, as it is summary in nature and subject to change. Any third-party brand names and/or trademarks referenced are either registered or unregistered trademarks of their respective owners. IG221213INT