

IN XaaS Models: S

The Green Advantage

Enterprises are increasingly recognising anything-as-a-service (XaaS) models for the flexibility and cost efficiency they offer. However, their advantage goes beyond these two benefits; they also drive greater business sustainability. Adopting XaaS models helps you optimise energy use, reduce carbon footprints, and more - explore their benefits below.

The benefits of XaaS models



Energy efficiency

XaaS leverages technologies like network-as-a-service (NaaS) and edge computing to optimise energy use, consuming much less compared to traditional data centres.

Lower carbon footprint

Adopting XaaS reduces your need for physical servers, cutting greenhouse gas (GHG) emissions by up to 40%¹. This shift supports global sustainability goals and corporate environmental responsibility.



Improved resource efficiency

Dynamic resource allocation and scalability ensure optimal resource use while minimising waste. Edge computing further enhances resource efficiency by processing data closer to the source, reducing latency.

Advanced technology portfolio

XaaS boosts your technology stack with future-ready solutions such as:

NaaS

Flexible, scalable networking solutions that adapt to business needs, reduce costs, and improve network performance

Cloud computing

Scalable resources that reduce IT costs and increase operational efficiency

Edge computing

Reduces latency by processing data locally, enhancing the performance of Internet of Things (IoT) and artificial intelligence (AI) applications with immediate, real-time response

Software-as-a-service (SaaS)

Allows access and use of software applications over the Internet on a subscription basis, simplifying maintenance and reducing the need for physical hardware

Platform-as-a-service (PaaS)

An all-in-one platform for developing, running, and managing applications without the complexity of building and maintaining any underlying infrastructure

Infrastructure-as-a-service (IaaS)

Advanced computing infrastructure offered as-a-service to circumvent the expense and complexity of buying and managing physical servers and data centres



Readiness for sustainable goals

XaaS supports your sustainability goals, including using renewable energy, achieving corporate sustainability targets, and complying with environmental regulations. From here, you're set to better align with initiatives like the Paris Agreement and the EU's 2030 climate targets.

Ready to transform your business sustainably?

Discover how **Singtel drives tech-driven industrial sustainability** today.

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