

Composable infrastructure How it can help your business

Composable infrastructure turns IT infrastructure into a utility

IT becomes an ongoing deployment and management task, that can be carried out by those who use it when they need it. Compute, storage and networking can be quickly gathered for a specific application or task. When the application lifecycle comes to end, the resources return to a common pool, ready for the next job.

Competing pressures on the IT function

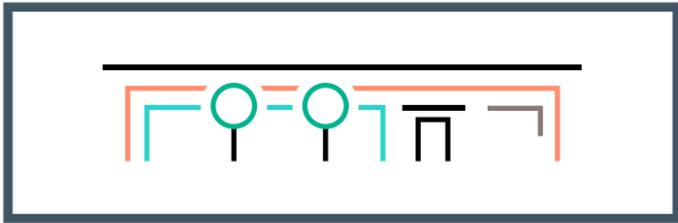
On one side, lower operating costs in traditional environments; on the other, being faster to develop new, value-creating applications. It's clear a new architecture is needed to bridge traditional IT and cloud native applications. Composable infrastructure offers an answer.

Traditional IT

Features: task-driven, efficient, stable



Typical applications: ERP, CRM, data warehouse



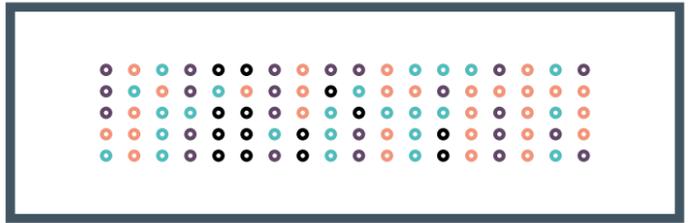
Risks: siloed, sluggish

Next-generation IT

Features: on-demand, agile, cloud, mobile



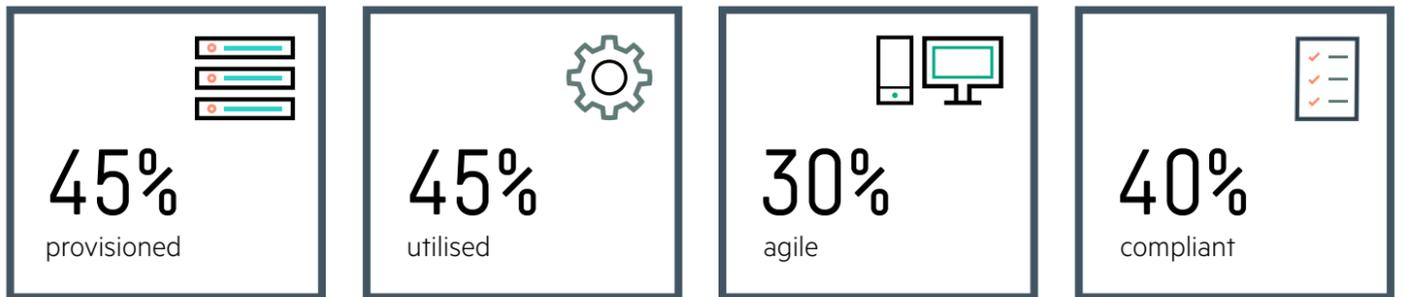
Typical applications: social, big data, content



Risks: external, compliance

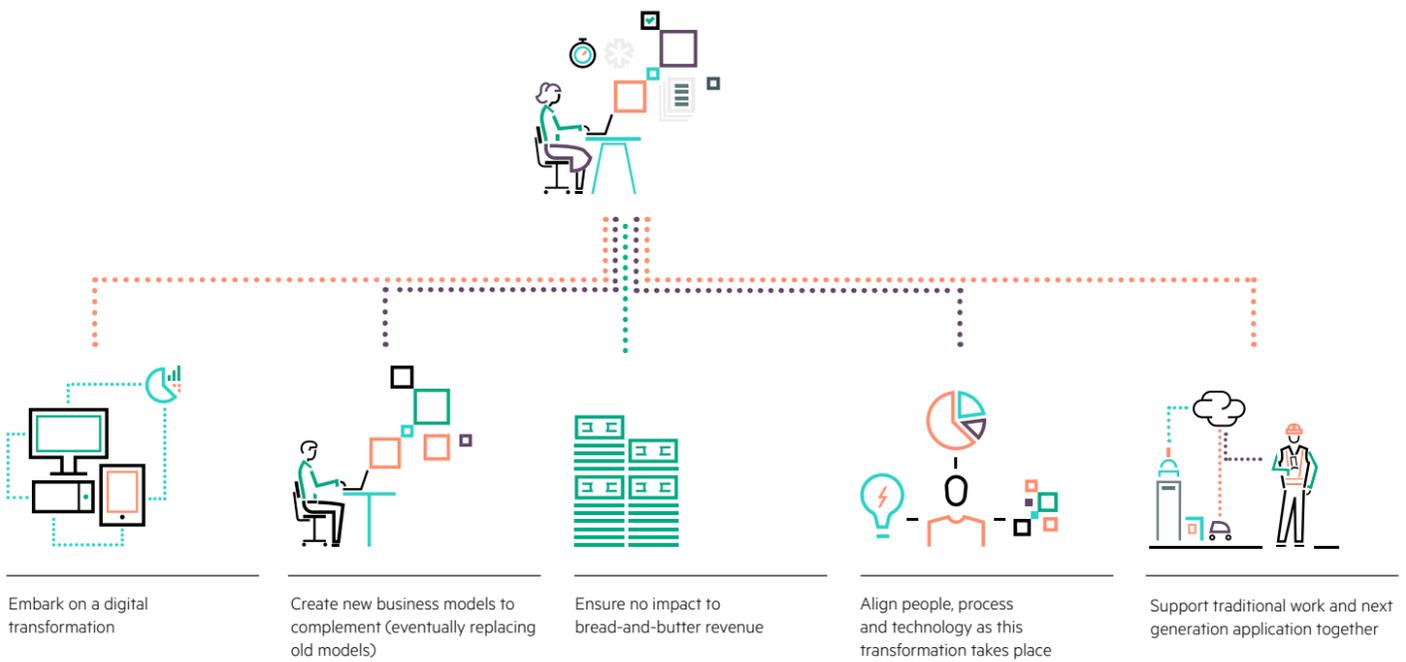
The IT productivity gap

Enterprise data centres have excess capacity, where too much resource stands idle. They are too slow to provision (and deprovision) new compute. Also business lacks confidence in the ability to meet agreed SLAs on redundancy and resiliency. Human nature means businesses tend to overprovision infrastructure, leading to unnecessary wastage without eliminating the risk. This means most enterprise data centre infrastructure is:



Composable Infrastructure: how business benefits

As businesses move through their digital transformation journey, the role of IT will change. IT will become part of the fabric of products and services are rapidly innovated at every company. IT will be pivotal in the quest for the business to remain competitive.



Efficiency gains



Instead of just providing technology to automate internal business processes, composable Infrastructure means IT can now directly impact business strategy and revenue by creating software-based services that:

