

# THESE ARE THE THREE BIGGEST CHALLENGES FOR A HYBRID INFRASTRUCTURE AND THAT'S HOW DATACENTER AS A SERVICE PROVIDES AN ANSWER



Innovation is the engine for growth. Flexibility is crucial in an innovative business climate. The rise of the cloud opened new possibilities for many companies; it offers economies of scale and flexibility: perfect for a changing world.

Still, for privacy and safety reasons, many organizations prefer to keep certain workloads within their walls, for example confidential data or business-critical applications. So they opt for a hybrid infrastructure that the flexibility of the cloud combines with the safety and control of a physical server.

## THE POSSIBILITIES OF A HYBRID ENVIRONMENT

A hybrid infrastructure combines on-premise with various clouds; the combination of diverse environments provides companies with flexibility and control. For 94% of the companies, implementing a hybrid strategy has also had a positive impact on their activities. Hybrid IT provides companies with a flexible base for stable growth:



46%

see an increase in the flexibility of their organization



41%

experience progress in their customer service



44%

note progress in their product development



“Realdolmen is the partner guiding us in our strategic choice to go all out for the cloud.”

Bart Kerkhof, Financial Director and interim IT and Information Security team leader at the Lievegem municipality.

## THE THREE CHALLENGES OF A HYBRID ENVIRONMENT

In spite of the great overall satisfaction with hybrid IT, many businesses have difficulties efficiently implementing a composite environment. These are the three biggest challenges for businesses:



### Complexity

For businesses, the increased complexity of a hybrid infrastructure is the biggest obstacle. The combination of cloud and on-premise produces a fragmented environment. Sometimes the different systems are incompatible with each other, so there is friction in the transition between the environments, which then results in performance problems and applications running slow. All this ultimately has a negative impact on the user experience.

### Management difficulties

The complex management is the second drawback that often arises: 33% of IT staff say that they experience difficulties with the management of a hybrid infrastructure. Cloud and on-premise remain in separate silos, each with its own approach and management requirements, which is why IT staff have the feeling of losing the global overview.

### Cost increase

The complexity of the management of a hybrid environment also has an impact on the operational expenses. One fourth of the companies say that their management costs have risen. After all, with a complex infrastructure, IT management requires more time and resources. In addition to a cost increase, the overall cost of a hybrid environment is unclear. The various cost models of cloud (OPEX) and on-premise (CAPEX) combined with the operational costs give us a fuzzy picture.



**88%**

*of the companies want to reassess their hybrid strategy*

### SHARP FOCUS ON THE CHALLENGE

Confronted with the complexity of a hybrid environment, 88% of the companies say they will reassess their hybrid strategy. How can they create a transparent hybrid environment with low operational costs and a clear cost model?

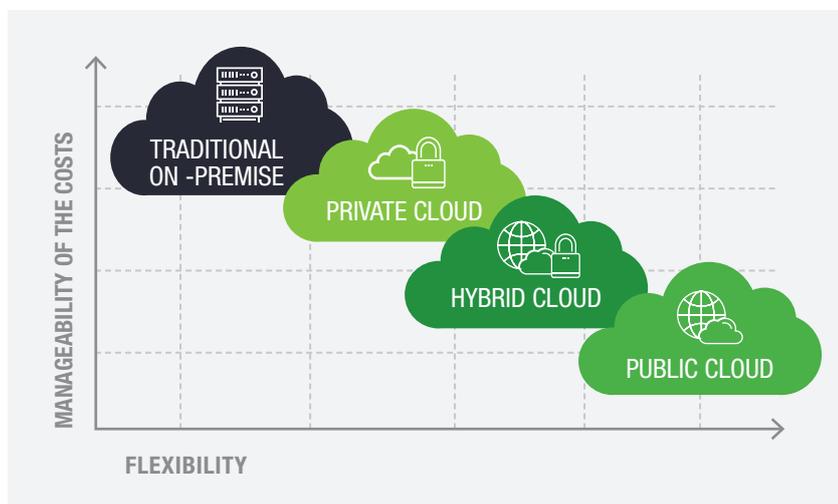
## A COMPREHENSIVE SOLUTION FOR YOUR INFRASTRUCTURE

As an innovative company, Realdolmen see the possibilities of a hybrid environment, though we too want to consider the challenges of Hybrid IT. Our experience in the IT sector has allowed us to create a comprehensive solution for extensive outsourcing in your infrastructure.

Datacenter as a Service is a comprehensive solution with public and private cloud services and an on-premise environment in a transparent cost formula. DCaaS combines cloud and on-premise environments into one integrated infrastructure.

That way, with Datacenter as a Service, you choose the right environment for each workload. While public cloud means flexibility, the focus of on-premise servers and private cloud is on cost management.

The Realdolmen RCloud provides more flexibility than an on-premise environment and at the same time gives you more control of your costs. That is how you choose the best of both worlds.



## THIS IS HOW DCAAS PROVIDES AN ANSWER TO THE THREE CHALLENGES OF A HYBRID ENVIRONMENT

### 1. Go for a seamless user experience

With Datacenter as a Service, you opt for a seamless user experience. On-premise, private cloud and public cloud are expertly combined into one integrated environment. That way, you ensure a fluid transition between the various platforms, so downtime and slow running apps are things of the past.

### 2. Simplify your IT management

With Realdolmen managed services, your IT management is simple again. Leave the operational management of your environment to our experts and get a clear overall view of your infrastructure.

### 3. Go for a transparent TCO

With Datacenter as a Service, you opt for a transparent cost model with various payment formulas. Do you acquire your on-premise environment in a pay-per-use-formula or do you opt for a leasing model? With DCaaS, you select the most advantageous option for your infrastructure. Let Realdolmen's experts calculate the exact TCO and determine the most advantageous environment for each workload.

## THE FIRST STEP TOWARDS A HYBRID ENVIRONMENT THAT REALLY WORKS

Curious about the possibilities of a simplified hybrid environment for your company? Come to Realdolmen for all-inclusive outsourcing in your infrastructure. First we evaluate the weak points of your infrastructure using our Infrastructure Roadmap, then we make some practical proposals for improvement. What is the first step towards an effective infrastructure?

Getting started with DCaaS?

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