

# Increase agility and workload performance with a hybrid infrastructure

5 reasons why a combination of cloud and on premises deployments from PowerEdge servers is the hallmark of truly successful IT transformation

[See the full research on the benefits of a hybrid infrastructure](#)

[> IDC white paper](#)

[> Moor Insights white paper](#)

Many organisations see the public cloud as the quick and easy path to modernising their infrastructure. However, recent research from IDC and Moor Insights reveals that a public cloud-only approach is not the cure-all for every workload, and in fact poses significant risks. Instead, a hybrid IT model—one that leverages both public and private resources based on the type of workload—maximises IT agility by providing five essential benefits of on-prem infrastructure:

1. **Workload criticality:** Increase performance, availability and security for your highest-value applications
2. **Performance:** Fine-tune the allocation of resources with greater level of control
3. **Data management:** Analyse data generated at the edge in real time
4. **Security:** Get data protection (and peace of mind) in an ever-changing regulatory environment
5. **Cost:** Lower OpEx associated with underperforming applications, redundancy and security breaches

**New research from IDC shows that leading organisations have seen tangible results from running their workloads in a hybrid infrastructure including:**



**Up to 40%**  
less unplanned downtime<sup>1</sup>



**Up to 30%**  
fewer app errors on-prem<sup>2</sup>



**Up to 20%**  
less staff time on routine IT tasks<sup>3</sup>

## Transform IT with a secure and scalable hybrid infrastructure

Dell EMC PowerEdge servers are the foundation of a modern hybrid datacentre. Help your organisation realise the benefits of a hybrid IT model, with scalable performance, integrated security and intelligent automation for your on-premises workloads.

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Intel® Xeon® Platinum processor

1, 2, 3 Source: An IDC white paper commissioned by Dell EMC, "Workload Placement Separates the Winners from the Losers in IT," February 2019. Results from a survey of 660 IT professionals responsible for management of hybrid infrastructure firms. Actual results will vary. Full Paper: Workload Placement Separates the Winners from the Losers in IT.

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