PURESTORAGE®

3 Ways to Become 5G-Ready

To prepare for the 5G future, service providers must make a huge investment to buy 5G spectrum, upgrade their core networks and 5G infrastructure, and digitally upscale their workforce.

Here are three key ways to effectively achieve this transformation:

1

Don't let legacy data silos slow you down: **Simplify to cut costs**

Rigid legacy infrastructure is not fit for 5G. It slows business down and increases operational costs.

What you need:
- Sustainable cost transformation for IT infrastructure
- Rapid, repeatable implementation and expansion of technology
- Reduced OPEX and maintenance bills
- Unified management across file, block, and object

Telecom operators will invest as much as $275 billion nationwide over seven years as they build out 5G.
Source: Accenture

Solution:
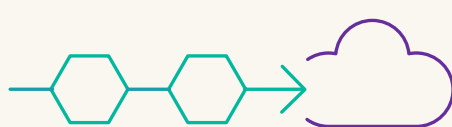Eliminate the migration process, transform the operational model, and boost efficiency with our Evergreen™ subscription.

2

Be agile, be modern: **Manage applications, not storage**

The speed at which service providers can develop and update new applications will be critical to their profitability in a 5G future.

What you need:
- Storage that works seamlessly with Kubernetes and modern application stacks
- Ultra-lean management that leverages intelligent automation and APIs
- IT that supports rapid launching of new services, including container-based workloads
- High-performance, high-speed, low-latency data capabilities

Solution:
Portworx® software automatically provisions Kubernetes volumes on the fast and reliable FlashArray™ and adds critical data services: backup, disaster recovery, and security and access control.

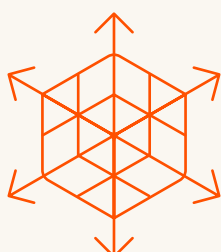**5G's network latency is almost 50X lower than 4G at 1 ms, and it will support 500X more device density.**

3

Strengthen your defense, **safeguard your data**

5G advancements come with the risk of cyberattacks and an expanded number of vulnerable end-points. With these new security concerns, it's critical to deliver the potential of 5G and edge computing in a safe, resilient way.

What you need:
- Protection against ransomware
- Enhanced data privacy
- Real-time protection of critical data

83.2% of people believe attacks on web-based applications will be a challenge for implementing 5G.
Source: IDC's Custom Survey, 5G Cybersecurity Impact Survey, October 2020

Solution:
Purity Software allows for almost invisible security with zero management to keep your 5G transition powering forward, automating disaster recovery and backup for unparalleled data-protection and business-continuity.

9 of the top 10 global service providers choose Pure Storage*

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* Based on Brandirectory telecom rankings

Get ready for the 5G revolution

Service providers must evolve their data infrastructure to adapt to the increasing volume and velocity requirements of 5G. Pure delivers everything needed for this next-generation operating model. With simple plug-and-go capabilities, we enable you to support the complex, real-time applications that will secure your future competitiveness.

Ready to transform your data architecture for 5G?

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