



SOLUTION BRIEF

# How to build a boundaryless data driven enterprise

Wipro's Autonomous Storage Operation Powered by Pure Storage®

## Introduction

Enterprises today face new and ever-growing challenges as unprecedented change drives the critical need for agility and resilience. This change is not only forcing organizations to re-think their whole business strategy, it's also fast-tracking digital transformation and the adoption of more agile, secure and intelligent infrastructures.

IDC recently predicted that in 2022, enterprises that are focused on digital resilience will adapt to disruption 50% faster than those fixated on restoring existing business/IT resilience practises<sup>1</sup>. So, for any forward-thinking enterprise, building resilience is key to enabling competitive advantage, and that can only be achieved with real-time, data-driven insight.

By 2023, 60% of organizations will have started to implement DataOps programs to reduce the number of data and analytics errors by 80%, increasing trust in analytic outcomes and efficiency of Gen D workers. And 50% of organizations will adopt a "data supermarket" strategy to unify data storage, access and governance capabilities to deliver a consistent data experience, and maximize data value.<sup>2</sup>

We've explored how boundaryless data storage and autonomous operation in digital transformation are now the driving force behind the data-centric approach enterprises need to take.



### Preparing for exponential data growth

The COVID-19 pandemic has accelerated data growth globally, leading to a rapid increase in data consumption and fueling the continued evolution of the Global DataSphere that's dominating the 21st century enterprise.

According to IDC:

- The Global Datasphere is experiencing tremendous growth and predicted to grow from 33 Zettabytes (ZB) in 2018 to 175 ZB by 2025<sup>3</sup>
- More than 59 ZB of data will be created, captured, copied and consumed globally in 2021<sup>4</sup>
- Growth is forecast to continue through 2024 with a five-year compound annual growth rate (CAGR) of 26%<sup>5</sup>

<sup>1</sup> Source: IDC FutureScape, Worldwide IT Industry 2021 Predictions - <https://www.forbes.com/sites/peterhigh/2020/11/02/idc-technology-trends-for-2021/?sh=6a38c12535ce>

<sup>2</sup> Source: IDC FutureScape, Worldwide Data and Analytics 2021 Predictions - <https://cdn.idc.com/research/viewtoc.jsp?containerId=US46920420>

<sup>3</sup> Source: IDC Data Age 2025, sponsored by Seagate Technology - <https://www.seagate.com/in/en/our-story/data-age-2025/>

<sup>4</sup> Source: IDC Worldwide Global DataSphere Forecast, 2020-2024: The COVID-19 Data Bump and the Future of Data Growth - <https://www.idc.com/getdoc.jsp?containerId=prUS46286020>

<sup>5</sup> Source: Worldwide Global DataSphere Forecast, 2020-2024: The COVID-19 Data Bump and the Future of Data Growth - <https://www.idc.com/getdoc.jsp?containerId=prUS46286020>

## Monetize and modernize: Data storage ecosystem

Enterprises have an opportunity to harness the power of data; it is now crucial to their success. But an old solution can't be integrated into a single server room – data isn't something that can be simply packed in a box. That's where the data storage ecosystem plays a significant role.

To harness the true potential of Autonomous Storage Operation the underlying storage should:

- Use Evergreen™ technology, removing the need for disruptive upgrades and refreshes
- Monetize the right commercial value with a true pay as you grow model

Many businesses are on the path to digital transformation to enable agility and flexibility, while reducing complexity and time to market. Cloud is increasingly becoming the preferred route for embarking on this journey, but CIOs need the ability to select the cloud that meets specific workload requirements related to data storage performance and services.

Wipro's autonomous storage operation powered by Pure Storage accelerates digital transformation with a multi-cloud infrastructure that supports enterprise objectives. It's creating transformational impact with the ability to offer full-scale autonomy, enhanced SLAs, and efficiency:

- **Simplicity:** complete automation means businesses can regulate internal functions and operations autonomously
- **Data-driven opportunity:** customers can make more informed decisions, using AI algorithms to learn from data
- **Improved efficiency and performance:** next level efficiencies such as performance optimization can be achieved via global network intelligence

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## Wipro and Pure Storage: Driving business outcomes

According to IDC, by 2022 strategic partnerships will be formed between 40% of market-leading IT and OT vendors to deliver a holistic solution. For customers, this is set to reduce integration and deployment costs by 20%.<sup>6</sup>

Wipro and Pure are already achieving this through a strategic partnership to offer compelling cost-effective, managed environments. Wipro brings leading knowledge and experience in driving outcome-based transformation, from consulting to end-to-end strategy execution with a technology infrastructure engineered as a service in a hybrid cloud ecosystem. Pure brings the simplicity, flexibility and efficiency to maximize results for enterprise and cloud-native web-scale applications on-premises and in the public cloud.

Together, Wipro and Pure give organizations the capability to transform digitally and drive outcomes: improving time to market, achieving the “first time right” approach, improving flexibility and agility, and driving cost optimization.

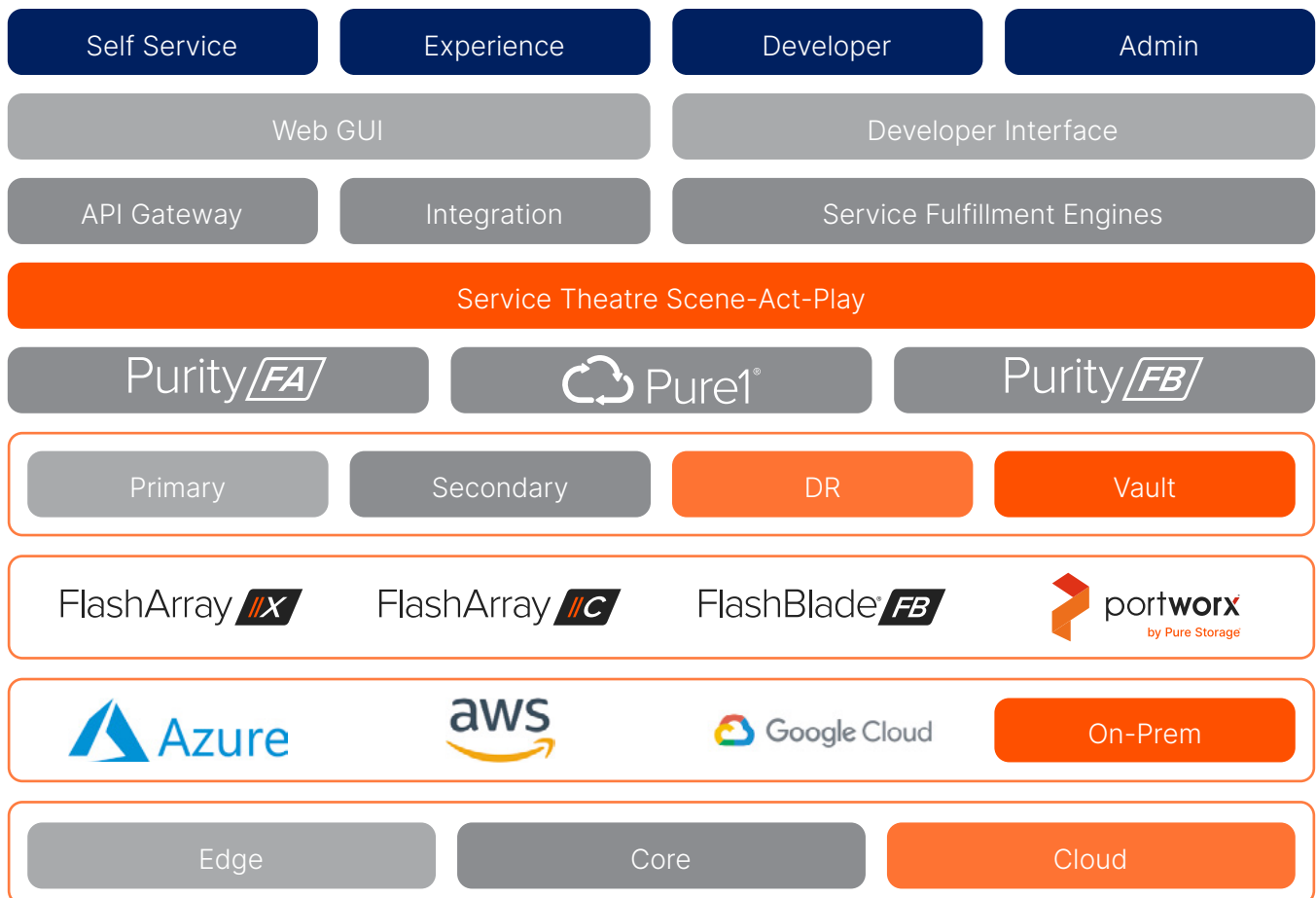
The joint solution provides:

- **Enterprise-class service** – Built on a unified data infrastructure with intelligent management and improved control
- **Improved agility** – Leveraged by Wipro Service Theatre, and it expands beyond traditional data centers to programmatically drive infrastructure operations
- **End-to-end data capabilities** – Across a choice of endpoints - edge, on-premises and multi-cloud environments
- **Execution at speed** – Wipro services proposition creates an ecosystem designed for the modern enterprise and automates everything as a code

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Benefits include:

- Lower TCO of up to 30%
- 60% more efficiency
- 30-40% productivity increase
- 60-85% increase in efficiency of reusable assets
- Reduces time to market by 50-90%



### Autonomous storage operation simplified with Service Theatre

Wipro's Service Theatre is a fully programmable platform that extracts complex technologies and delivers outcome-driven automation assets, which are discoverable and used as managed API. It radically simplifies and centralizes automation asset creation with its theatre concept and balances it with an efficient consumption and reuse model that provides new services aligned to changing business demands. This element ensures it performs Day 2 tasks (lifecycle management).

## Code Orange: Evergreen storage and Pure as-a-Service™

The Autonomous Storage Operation service is built on Pure's flexible consumption models, which are combined with added solutions to minimize or eliminate the financial impact of change.

In this model, customers only pay for the storage they need when they need it, whether on-premises or in the cloud. So as business needs change, budgets can be flexed up, down or out, with no upfront investments, over-provisioning and complicated leasing requirements.

The simple, agile and Evergreen platform enables any organization to turn data into intelligence and advantage. Everything's included in the price, so there's no additional capital for refresh in future years. It's the smartest way for enterprise customers to combine the best of a traditional on-premises storage solution with a subscription to continuous innovation.

### The advantages:

- **Non-disruptive upgrades** – Eliminates expensive upgrade cycles, downtime and re-purchasing of already-owned TBs with seamless, rapid upgrades and expansion without disruption
- **Lower TCO** – Reduces TCO and saves more than 50% over traditional forklift updates
- **Innovation** – The modern data platform enables the freedom to upgrade, expand and innovate
- **Simplicity** – Revolutionizes data storage from integration management to upgrades, simplifying everything in the data storage lifecycle

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## Conclusion: Deliver data-driven transformation

By 2023, 60% of leaders in G2000 organizations will have shifted their management orientation from processes to outcomes, establishing more agile, innovative, and empathetic operating models<sup>7</sup>. With its comprehensive data management capabilities, Wipro's unique proposition, powered by Pure Storage enables enterprises to leverage an outcome-driven cloud native architecture and deliver the following uses cases.

### Multi-hybrid cloud

Pure [Cloud Block Store™](#) combined with [FlashArray™](#) allows workloads to be replicated and extended across multiple on-premises, hosted, and AWS or Microsoft Azure public clouds, providing a true hybrid cloud experience. The service is managed centrally with Pure1® and Service Theatre, which offers the flexibility to move data seamlessly. It enables applications be built and run quickly and easily from anywhere, driving innovation and reducing time to market.

Pure as-a-Service complements the service further by offering a single data storage subscription. The 100% OPEX model also means customers only pay for the storage they use.

## High availability and resilience

[ActiveCluster™](#) delivers a proven 6×9s of availability on a single array, so in addition to being extremely reliable it's also fully integrated with no additional license costs. The Pure-hosted Pure1® is the first ever Software as a Service replication mediator, enabling disaster recovery without the need for a third data center.

## Container storage

[Portworx®](#), the #1 Kubernetes data storage platform guarantees that data and next generation microservices-based applications are secure and available 24/7, without disruption. Enterprises can run any cloud-native data service in any cloud, using any Kubernetes platform for built-in data protection and hybrid-cloud mobility.

The combined strength gives customers a simplified, cost effective and efficient unified system where data can be managed from anywhere.



### Author:

Imran Iraqi leads the storage and backup domain within Wipro as Practice Head, He has played varied technology centric leadership role in his 20 years of experience through his expertise in Cloud, Datacentre & Cybersecurity initiatives.

[purestorage.com](https://purestorage.com)

800.379.PURE

