

# Accelerate Automotive Innovation with Nutanix

## Nutanix Digital Enterprise Solution Brief for Automotive



The automotive industry is in the midst of a big transformation. With climate concerns, changing consumer interests, and urbanization, car makers are moving quickly to develop a host of new technologies, including electric cars and autonomous driving. Traditional car-sale centric business model must adapt to the effects of digitalization, including the growing popularity of app-driven ride hailing and car sharing. This new market landscape is also bringing competition from traditional software companies who are highly capable in business models centered on software.

To compete in this new market landscape, auto manufacturers need to:

- Enhance the customer experience from purchase to operation to maintenance
- Optimize the supply chain and streamline design, production, distribution, and service for lower costs and improved time to market
- Capitalize on new digital business opportunities, including online purchasing, product customization, and even mobility-as-a-service (MaaS)

In order to partner with business to achieve these objectives, IT must rethink their organization's approach to digital infrastructure and services to transform from being a "service provider" to an "enabler." Nutanix is a global leader in cloud software and hyperconverged infrastructure (HCI) solutions, making infrastructure invisible so that IT can focus on the applications and services that power their business.

Nutanix transforms core datacenters and enables a multi-cloud environment that includes public cloud and service providers, while also encompassing critical production and distribution facilities and remote offices.

"The automotive industry has learned quickly that they must meet consumer demands for a digitally enhanced experience when they are researching, purchasing, and operating a car."

- Forbes

## NUTANIX FOR AUTOMOTIVE

Nutanix Enterprise Cloud delivers a digital enterprise solution for innovation, melding private, public, and distributed clouds to provide a single control point for managing infrastructure and applications.

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## CUSTOMER QUOTES

“If we could use one word to describe the benefits brought by Nutanix, that would be ‘trouble-free’. The virtual environment in the past relied on manual operation, which would normally take two days to deliver. But now, only one hour to two hours are needed to complete the same workload.”

– Wang Chunxiao, SAIC Volkswagen project leader

“Nutanix has developed a very innovative technology and a set of really great products. The high performance and ease-of-use of the Nutanix systems are un-matched in the industry today.”

– Manoj Tiwary, Director of Information Technology & Business Services, Subaru Canada Inc.

“Nutanix has outperformed all our expectations right from the start, even during the testing phase. We started seeing more benefits after implementation, such as high availability and stability in our systems. We are now gradually moving our core business applications onto Nutanix. In the next two to three years, Dongfeng Renault will concentrate completing their digital transformation roadmap with the help of Nutanix’s HCI technology.”

– Wang Junlin, Section Manager, IT department of Dongfeng Renault Automobile Company Limited



**Flexible Cloud Infrastructure**



**Hyperconverged Infrastructure**



**Cloud Orchestration**



**Edge Computing Platform**

**Software-defined.** Nutanix pioneered hyperconverged infrastructure technology, integrating compute, virtualization, storage, networking, and security to power any application at any scale. The 100% software-defined solution can be deployed on your hardware of choice, providing you with unmatched flexibility.

**One-click management.** Everything in your multi-cloud environment can be managed through Nutanix Prism, streamlining common IT workflows and providing a single interface for managing servers, storage, data protection, virtualization, and more.

**Multi-cloud orchestration.** Nutanix Calm simplifies the deployment and management of complex applications by incorporating all elements of each application into an easy-to-use blueprint, enabling fast and easy deployment across multiple environments. Deploy the same application stack quickly and repeatably in datacenters, in the public cloud, and in production and distribution facilities.

**Desktop-as-a-Service.** Nutanix Frame is a multi-cloud DaaS that enables deployment of high-GPU applications like Autodesk AutoCAD and Alias, Blender, ANSYS, SOLIDWORKS, and Dassault CATIA from the cloud. These high-GPU applications could be delivered from the cloud to a browser on any device anywhere, bringing down a huge barrier to making digital design tools accessible to everyone involved in a construction project.

**IoT Initiatives.** The Nutanix Xi IoT platform delivers local compute and machine learning (ML) for IoT edge devices in one seamless, visual application platform built from the ground up to solve IoT-specific challenges. With easy-to-use APIs, reusable data pipelines, and pluggable machine learning architecture, Xi IoT accelerates rapid development and global deployment of complex apps at scale.

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## READY TO START YOUR HYBRID CLOUD ENGINE?

Nutanix is a trusted partner for the automotive industry, helping major brands transform their businesses. To learn more about how Nutanix can help your business prepare for the future, contact Nutanix at [info@nutanix.com](mailto:info@nutanix.com), follow us on Twitter [@nutanix](https://twitter.com/nutanix), or send us a request at [www.nutanix.com/demo](http://www.nutanix.com/demo) to set up your own customized briefing or visit us at [nutanix.com/automotive](http://nutanix.com/automotive).



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