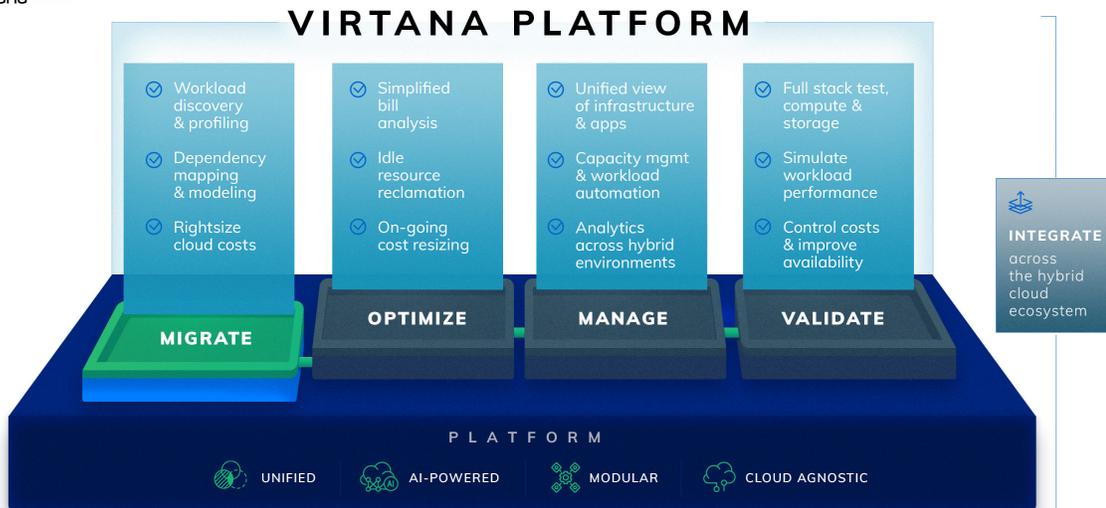# Virtana Platform
Hybrid Cloud Infrastructure Optimization

Virtana Platform

Virtana Platform: Workload migration, optimization, management, and validation in the digital transformation age

Digital Transformation is a make-or-break proposition, and it never stops. Organizations are challenged to innovate, optimize operations, and expand into new markets for growth and create competitive advantage with the latest in advanced deployment technology. But enterprises such as yours have 100s to 1000s of mission-critical workloads already running across on-premises data centers as well as cloud and hybrid environments. To deliver on the promise of digital transformation, you need to migrate and optimize these workloads for performance, cost, and risk regardless of deployment model and location. You need the Virtana Platform.

The Virtana Platform's embedded intelligence leverages machine learning and advanced data analytics to provide you with a deep understanding of application workloads so you can make data-driven decisions about their cloud migration. The platform is cloud agnostic so you can unify workload migration, optimization, and management across all the leading public cloud providers to meet your workloads performance and cost requirements. Since Virtana Platform capabilities are delivered in modules, you can flexibly and cost-effectively add functionality as needed while maintaining a consistent experience with seamless feature integration.

Virtana Platform's four modules and partner ecosystem deliver on the promise of digital transformation

Virtana Migrate: Get cloud migration right the first time, every time

With Virtana Migrate, you can accelerate and de-risk the migration of existing workloads to the cloud. Our AI, machine learning, and data science combined with our deep understanding of your on-premises workloads will help you understand existing application workload infrastructure and dependencies, intelligently prioritize workload transitions, and gain clear visibility through process tracking and reporting. Our rightsizing and cloud cost optimization capabilities enable you to select public cloud providers that are the best fit for your needs to ensure the most efficient configurations based on risk tolerance, performance requirements, and resource consumption. With Virtana Migrate, you'll get your migration right the first time, every time.

Virtana Migrate

Virtana Optimize: Multi-cloud cost optimization

Virtana Optimize empowers organizations to take control of public cloud costs. You'll get clarity on costs across multiple cloud providers and accounts, identify and eliminate unused instances and storage to save money, rightsize instances to match capacity, and optimize your reservations to capture long-term savings. In fact, the Virtana Platform's hybrid infrastructure optimization capabilities can deliver a return on investment of as much as 145% over a three-year period.[1]

Virtana Optimize

Virtana Manage: Mission-critical application cost, performance, and capacity management

Gain operational control through insights that deliver efficient, cost-effective workload operation. With our real-time workload visibility, automated discovery, predictive capacity management, AI-powered analytics, workload optimization automation, and immediate access to best-practice solutions you can proactively solve infrastructure-related operational challenges for critical applications.

Virtana Manage

Virtana Validate: Know exactly how workloads will perform before you go

One critical problem when migrating workloads to the cloud, across a data center or even between clouds is knowing how they will perform in their new environment. With Virtana Validate, you can capture exact operational information about your workloads before migration, and then iteratively playback synthetic workload simulations to gain insight into operation in new environments under load and resource variations. You can achieve cost control and reduce migration risk by knowing exactly what to expect before you hit the switch.

Virtana Validate

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[1] *The Total Economic Impact™ of Virtana's Hybrid Infrastructure Optimization*, a commissioned study conducted by Forrester Consulting on behalf of Virtana, July 2020.

Learn more about Virtual Platform

Contact a Virtana Expert

View more Resources

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