Digital Transformation is a Make-or-break Proposition, and it Never Stops.
Your organization is challenged to innovate, optimize operations, and expand into new markets with the latest in advanced deployment technology. But you have hundreds to thousands of internally developed and deployed applications within your on-premises environment. As part of digital transformation, most enterprises seek to transition these applications to public- or hybrid-cloud environments to benefit from scalability, cost optimization, and flexibility. Are you confident that your team would be ready to do so when the call comes?

Migration is an Ongoing Journey
Cloud migration is rarely a “one-and-done” affair. A successful migration takes a phased approach that transitions select workloads after a thorough assessment of dependencies and suitability for deployment in cloud environments. Virtana Migrate provides you with full visibility into existing on-premises workloads to ensure that you will get cloud migrations right the first time, every time. With Virtana Migrate you can:

Know before you go: Our application infrastructure discovery and mapping enable you to capture existing workload infrastructure sets, along with key performance and operational metrics, so you can fully understand each workload’s profile before migration. (Discovery is performed with Virtana’s VirtualWisdom)

Prioritize intelligently: Our data science and conversation analysis help you identify dependencies between workloads, infrastructure, and IT services so you can create target “move groups” of applications and services to migrate together for improved performance and reduced risk.

Make data-driven decisions about which workloads to move and where to move them

Get Cloud Migration Right the First Time, Every Time
Whether you plan a simple “Lift and Shift” migration or intend to leverage the cloud for a state-of-art application infrastructure, Virtana Migrate can help you accelerate and de-risk the migration of your existing on-premises workloads to public clouds. Virtana Migrate’s capabilities include:

Discovery and mapping: Application discovery and mapping capture existing application infrastructure sets along with key performance and operational metrics. This enables you to fully understand your workloads before migrating them to public clouds, which helps you minimize the possibility of repatriating applications and data due to poor post-migration performance.

Dependency analysis: Virtana Migrate leverages ML and advanced data analytics to examine Virtana’s native traffic, network analysis, and data from APM systems and CMDBs. This identifies and associates your application and IT service sets that have similar resource requirements or deep interdependencies so you can ensure they are migrated together. These “move groups” significantly improve the likelihood of your successful operation in the cloud on the first try.

Cloud cost optimization: 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.

Playback synthetic workloads: To overcome potential operational variances for applications deployed into a cloud environment Virtana Migrate features full workload simulation within the target cloud environment. This simulation leverages the infrastructure performance and relationship data captured earlier with varied loading parameters so you can gain insight into each workload’s performance prior to migration.

Process tracking and reporting: You can maintain full visibility as part of your standard IT operations with the insights needed to operationalize the migration process; understand where each project, application, and move group migration stands; and quickly access detailed status information as needed. With Virtana Migrate, you’ll have the detailed project, application, and move group tracking and reporting that you’ll need to plan and prioritize your own team’s efforts.
Virtana Migrate is a Module of the Virtana Platform.

This 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.

With Virtana Migrate, you can accelerate and de-risk the migration of existing workloads to the cloud. We provide you with precision observability and deep insight into on-premises application infrastructure and dependencies. This helps you intelligently prioritize workload transitions and deliver clear visibility through process tracking and reporting so you can make data-driven decisions about your cloud migration. Our rightsizing and cloud cost optimization capabilities empower you to select public cloud providers that are the best fit for your needs and 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.