

Virtana Workload Placement

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 migrate 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 at scale 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 Workload Placement provides you with full visibility into existing on-premises workloads so you can plan smarter and ensure that you will get cloud migrations right the first time, every time. With Virtana Workload Placement 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.

Operationalize migrations: Cloud migration is an ongoing journey, not a one-time exercise. With our tracking and reporting, you’ll maintain full visibility into process workflows from your first migration onward.

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 Workload Placement can help you accelerate and de-risk the migration of your existing on-premises workloads to public clouds. Virtana Workload Placement’s capabilities include:

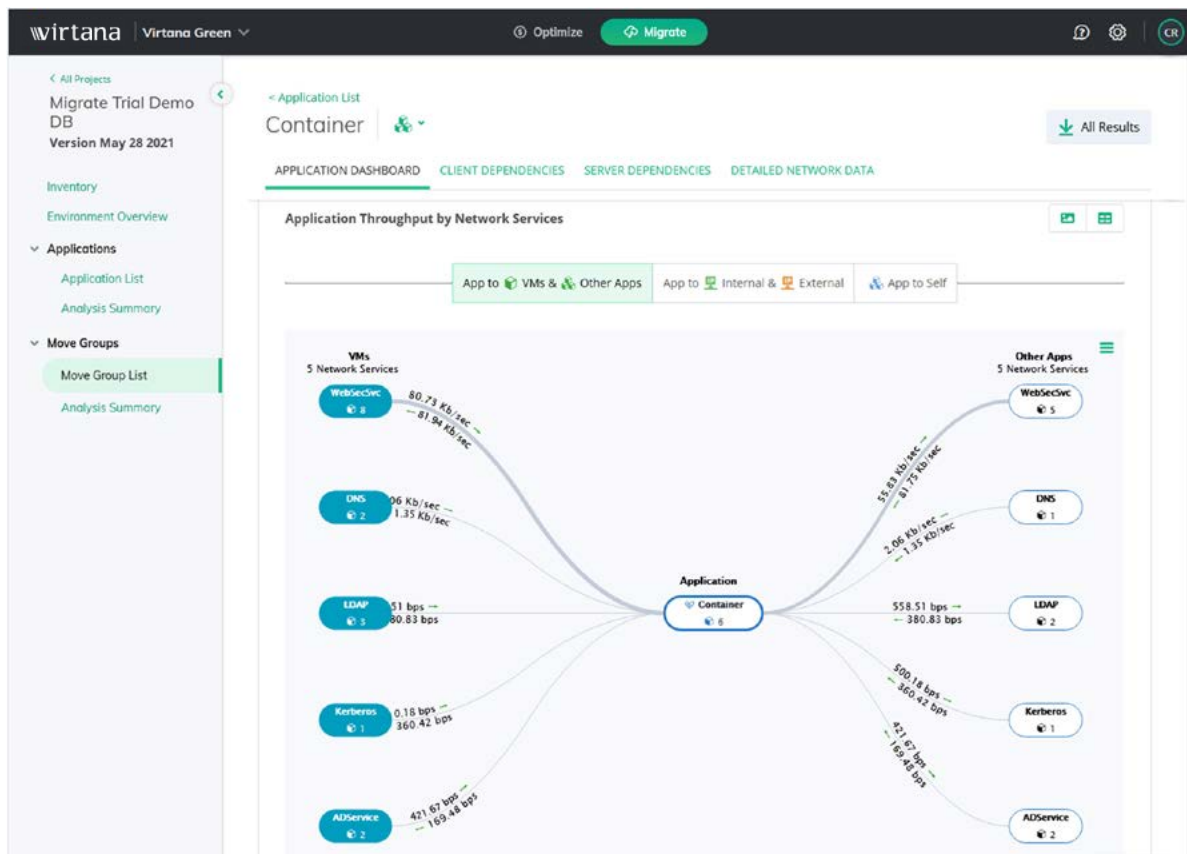


Discovery and mapping: Application discovery and mapping capture existing application infrastructure sets at enterprise scale of upwards of 10,000 VMs along with key performance and operational metrics. This enables you to fully understand your workloads before migrating them to public clouds, which helps you minimize the possibility of repatriating applications and data due to poor post- migration performance.

Dependency analysis: Virtana Workload Placement leverages ML and advanced data analytics to examine Virtana’s native traffic, network analysis, and data from APM systems and CMDBs. This 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 based on risk tolerance, performance requirements, and resource consumption.

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 Workload Placement, 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. The ability to click-on/drill down into applications provides a straightforward way to see interdependencies so you can gain an intuitive sense of what’s going on—by literally looking around—rather than evaluating spreadsheets of values.



Sample Virtana Workload Placement application dependency analysis

Virtana Workload Placement 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.

We provide you with precision observability through the combination of AIOps, ML, and data-driven analytics to deliver deep insight into your on-premises application infrastructure and dependencies. This helps you plan smarter by intelligently prioritizing workload transitions and delivering clear visibility with process tracking and reporting so you can make data-driven decisions about your cloud migration. We enable you to select public cloud providers that are the best fit for your needs. Our rightsizing and cost optimization help you eliminate unexpected expense and performance degradation after migration by balancing risk tolerance, performance requirements, and resource consumption beforehand so you can stay on plan. With Virtana Workload Placement, you'll know before you go, so you can accelerate and de-risk the migration of existing workloads to the cloud and get it right the first time, every time.

