

The Challenges of Application Portfolio Management

There are an estimated 52 million apps worldwide, a number that is expected to grow to 792 million by 2025. Apps help businesses engage with customers, employees, vendors and partners, so it's critical to make sure they are always available, secure, and can scale to meet demand. IT is already a highly dynamic environment, but this 15x increase in new applications will heighten the complexity of IT, making it more difficult to manage, track, and maintain apps.

But most IT organizations lack insight into their apps so when they need to make changes, they risk disruption.

- How can IT create recovery plans without knowing the other assets an app needs to run?
- How can IT determine which apps are ready to move to the cloud now, and which cloud?
- Which apps are best suited for modernization, and which should be replaced?
- How can IT prepare to navigate this massive explosion of apps?
- Which apps should be developed? Which ones modernized? Which ones replaced?
- What will apps look like in 5 years, what technologies will they use and where will they be hosted?

IT can make better decisions with an understanding of their existing apps, what the future plans are for each, and what new apps are needed.

Keys to Knowing your App Portfolio Inside and Out

- Identify every application and its dependencies on other apps, infrastructure, and services
- Define business requirements and criteria for evaluating applications and their alignment with business
- Evaluate and assess each application, define a disposition, and create a roadmap so IT can deliver business outcomes

Roadblocks to Success

- ✗ IT data is stored in different systems, managed by different teams
- ✗ Data is often duplicated, updated at different intervals, and maintained with different requirements
- ✗ Data exports in spreadsheets make it difficult to identify dependencies and relationships across assets
- ✗ IT lacks insight business facts about data that can involve legal, regulatory, and departmental requirements

Break Through the Roadblocks to Actionable insights

TransitionManager gathers data from many common sources, including your CMDB, ITSM, and auto-discovery scanners, but also spreadsheets and unstructured tribal knowledge. Using its powerful ETL ingestion capability, data is quickly mapped and normalized. The results provide a consolidated view of all data and an interactive map of all applications and their dependencies. The rich visualization tools in TransitionManager show every known data point, application, server, etc. as well as – and this is vital – how they are interdependent. For the IT team, this provides much-needed visibility into the inner workings and dependencies of all of the applications. Brief interviews

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with application experts validate the accuracy of the application data and their dependencies. Taken together these activities integrate and align IT requirements with business priorities. This rich, flexible data is the foundation for efficient and actionable strategies for multiple activities.

Plan Efficiently and Reduce Costs

Numerous studies show that eliminating inefficiencies in the IT landscape uncovers savings. Application and infrastructure rationalization streamlines the existing portfolio with a goal of improving efficiency, reducing complexity, and lowering IT spend.

TransitionManager makes it easy to consider many important factors when evaluating each application:

- Potential cost savings
- Impact on data center space
- Alignment with business requirements and lifecycle
- Risk mitigation
- Use of the application with outdated architecture or software
- Application-to-application and application-to-infrastructure interdependencies.

With key information about applications, decisions could be made about migration readiness, the most efficient strategy, and schedule. Most importantly, the team can identify and migrate the simpler, cloud-ready applications and workloads while preparing for the more complex migration initiatives. This ability to adopt a dual approach, allowing for rapid migration where appropriate and a more comprehensive migration of complex/mixed environments can dramatically accelerate the benefits of hybrid cloud environments.

Faster Analysis and Decision Making

The TransitionManager ingestion and normalization of all the data in the platform automates and streamlines much of the time-consuming work of gathering basic information on potential targets in the initial analysis phase.

More Transparency and Collaboration

TransitionManager provides a central dashboard built to monitor the pipeline/phase of all the projects and delivers different views for the IT and business leaders. Now, your entire team tracks progress across all tasks, team members and goals and promotes transparency across any number of future projects.

Project Acceleration Services

TDS offers a range of expert services to support your team and objectives.

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Our Application Roadmapping services leverages TransitionManager to identify and assess existing tools, knowledge, and teams so that business, application, infrastructure, and security stakeholders can – together – make better, faster and more informed decisions. Our data-driven approach helps you decide which assets are ready for the cloud, which might need to be retired/refactored/replatformed/rehosted or modernized and then create the roadmap for your goals and objectives.

- **Rapid App Mapping** Creates an app-centric view of IT for high level planning - the foundation for any cloud or data center migration, or recovery planning
 - Data ingestion from disparate systems, aggregation, normalization and consolidation to provide baseline a single view of actionable data
 - Visualize app-app and app-infrastructure relationships
 - Engage with business and IT teams to collaboratively incorporate key business facts to make better decisions
 - Identify easy-to-move workloads, group assets for high level planning for a variety of IT initiatives
 - Answer basic questions (how many, what type of (platforms, os, devices, technology,) and where are these stored
- **Application rationalization framework** Builds a decision-making framework for app mobility, rationalization, planning
 - Data ingestion, aggregation, normalization and validation with app SMEs
 - Define business and IT criteria for apps
 - Evaluate applications for cost to operate, upgrade, fitness to migrate to cloud
 - Apply criteria and group applications by creating tags or custom fields
 - Define high level tasks for each application based on disposition
- **App portfolio roadmap** A strategic assessment to align IT plans for apps with business strategy
 - Leverage rapid data aggregation, normalization, validation, and incorporation of business facts
 - Define business criteria and guiding principles for decision making
 - Evaluate applications, apply criteria, and define groups of applications
 - Define tasks for each application based on disposition

Why TDS?

- **Experienced and Scalable.** TDS is your partner for every aspect of your hybrid IT journey: advisory, migration, modernization, transformation, and management services covering applications, infrastructure, and operations. With 20 years of experience migrating, modernizing, transforming and managing infrastructure and applications, TDS is one of few service providers that understand the complex

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dependencies and constraints of your legacy environment as well as the possibilities of moving your environment to a new data center or the cloud.

- **Powerful Software and Expert Services.** TDS has migrated more than 250,000 applications and 1 million workloads for more than 400 highly satisfied clients across industries. And our TransitionManager software has been recognized by industry analysts, press and leading technology companies.
- **Adoption and Acceleration.** Benefit from TDS's proven methodology and library of best practices for application migration, modernization, and transformation built into our services and software to accelerate discovery, assessment, and speed delivery.
- **Partner Ecosystem.** We minimize time, cost, and risk with our global, industry-specific expertise, robust capabilities, and partnerships with industry-leading partners.