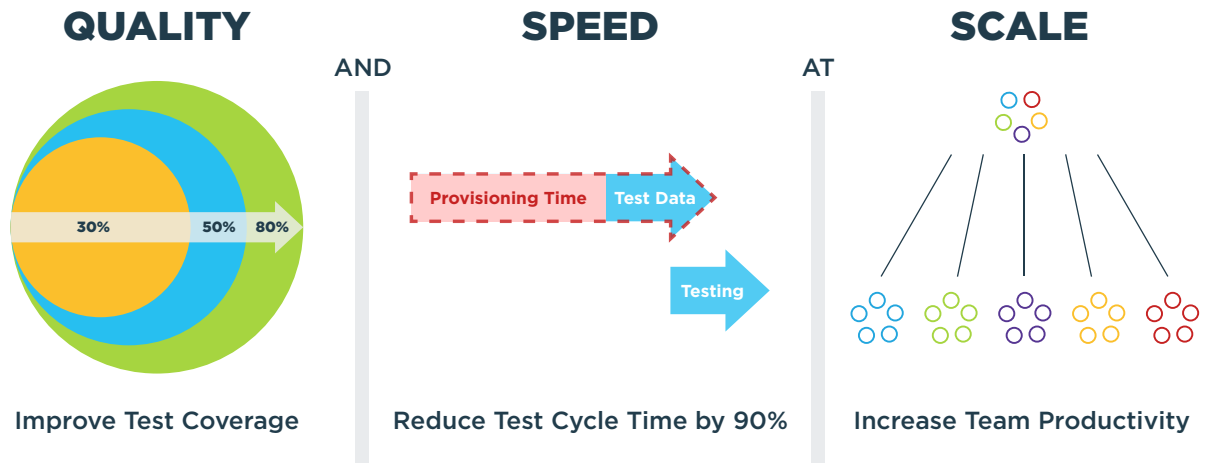

GenRocket
TEST DATA AUTOMATION
THE FUTURE OF
TEST DATA MANAGEMENT

Test Data Automation (TDA) is a new approach for provisioning data for testing and is the future of Test Data Management (TDM). That's because advanced technology allows any volume, variety, or format of data to be provisioned for any test case. The desired data profile is captured as an executable instruction set called a Test Data Case that is used to generate synthetic data on-demand during test execution.

This unlocks the ability to test with full coverage, in a fraction of the time, with scalability across any number of globally distributed dev and test teams. TDA delivers *quality and speed at scale* to any enterprise software development organization.



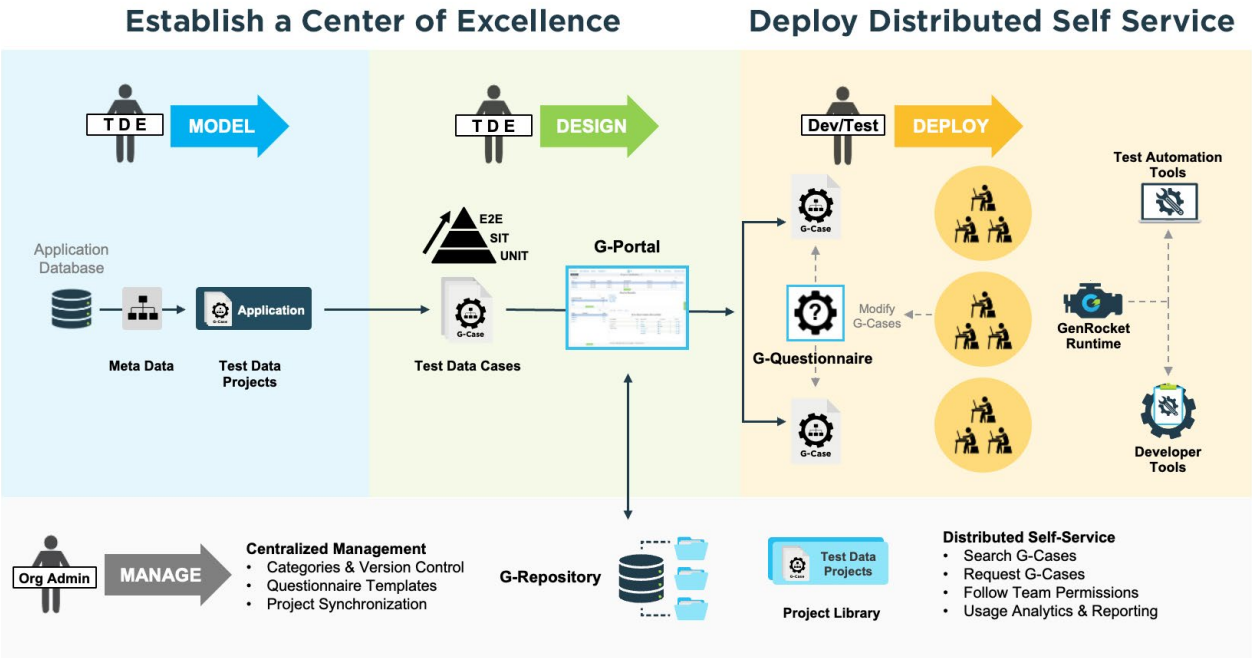
The GenRocket solution is a single robust enterprise-wide platform for all your test data needs using either production or synthetic data. In the early days of deployment, you may prefer to use GenRocket to provision masked and subsetted production data to meet the ongoing test data needs of your distributed teams with a familiar solution.

An Evolutionary Path to Full Scale Synthetic Test Data Automation

Then gradually expand the use of synthetic data to increase test data variety and volume. Ultimately, you can use synthetic data across all value streams and all categories of testing with Test Data Automation fully integrated into your CI/CD pipelines. **As you progress along this evolutionary path, your organization will realize increasing benefits in acceleration, quality, and productivity.**

A Distributed Self-Service Platform for Enterprise Scalability

GenRocket's TDA solution is a distributed self-service platform designed for enterprise scalability. It allows a small staff of test data engineers to support thousands of distributed developers and testers. Test data is requested by dev and test teams through a convenient portal and *Test Data Cases* are delivered to them - ready for execution and real-time data generation in their CI/CD pipelines.



GenRocket's hybrid cloud architecture allows for secure web-based test data requests and rapid *Test Data Case* fulfillment. A premise-based run time engine performs local synthetic data generation and seamless integration with DevOps tools and frameworks.