



PRODUCT BRIEF

Plutora Environments

Organizations Are Losing Control Over Their Enterprise IT Environments

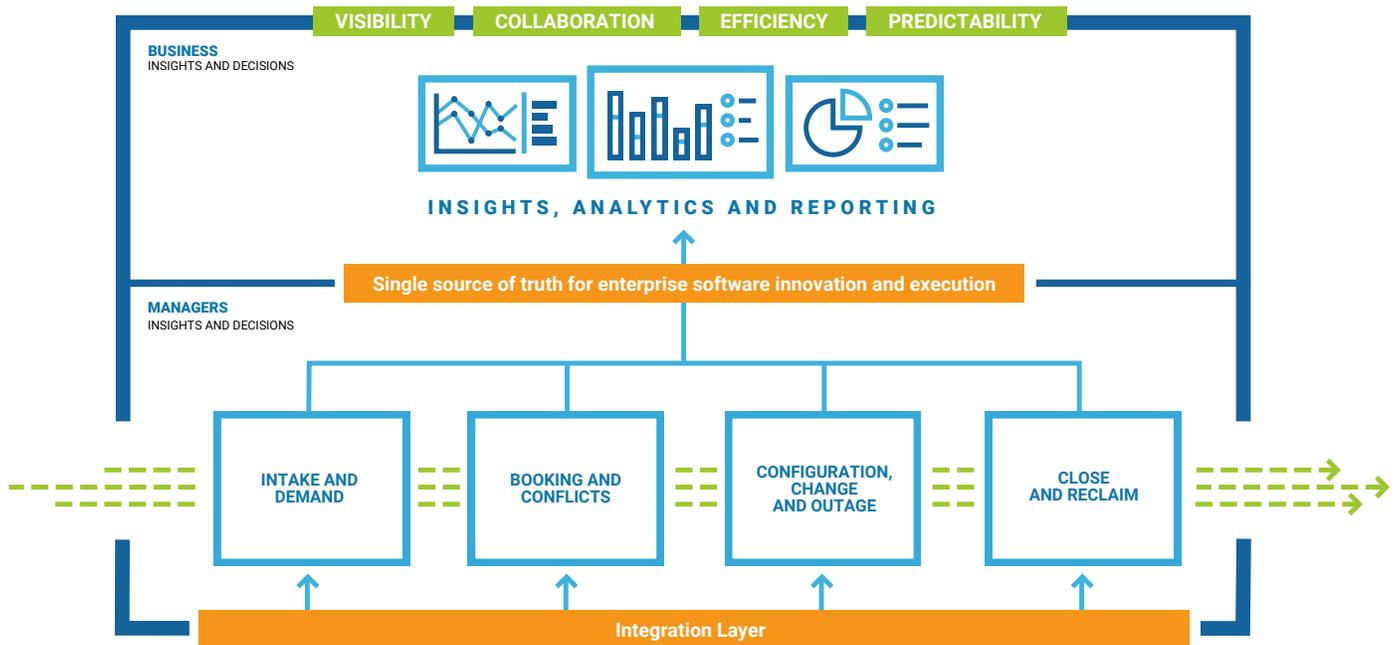
Pre-production test environments have become a choke point in the application delivery cycle, resulting in project delays, or worse, a false sense of security with an application tested against a misconfigured environment.

Many factors work against the efficient management of test environments including lack of ownership, disjoint tracking, managing multiple versions, expansion of SaaS and virtual test environments, and vendor or partner managed environments. Scheduling is complicated, requiring more than just system availability; it needs an estimate of time required to ensure correct configuration and appropriate test data. Environment managers – when they exist – have disparate, non-integrated systems tracking requests and current configurations, sometimes with conflicting information. They struggle to plan as they can only react to requests without a view of upcoming releases and requirements.

Furthermore, environments are expensive – underutilized environments not only waste precious budgets but also don't allow for offsets that could otherwise be charged back to the consuming teams. Any environment failure or outage has unknown impact that leaves teams in disarray and raises the overall risk profile of the projects. As much as 40 percent of testing time is lost due to environment scheduling conflicts, unavailable environments, or misconfigurations.

Challenges with testing and quality in Agile projects are increasing. The availability and reliability of test environments and test data are some of the most notable causes. Almost half (46%) of enterprise IT departments don't even have visibility into environment availability or demand.

How Plutora Environments Helps



Plutora Environments is a complete pre-production environment management solution for enterprise IT teams. It gives internal and external environment teams one place to collaborate on and view environment bookings, allocations, configurations, and conflicts.

“Lost productivity through environment contentions and outages is costing us almost \$500,000 per year.”

- Top 20 Bank

Plutora Environments supports intake requests, environment change requests, environment allocations, conflict detection, and impact analysis (including highlighting releases impacted by environment failure) with complete notification options for stakeholders. It improves the quality, availability, and utilization of environments by reducing costs and delays.

The other Plutora Platform modules integrate deeply with environment management to provide integrated coordination based on changes to release schedules, integrated deployment plans, and unified reporting and insights into the overall status.

The solution simplifies the management of requests by providing a single system for all tracking. Standardized configurations can be automated to further minimize time required. Plutora Environments integrates with existing ITSM tools to help track the relationships between releases and environments. It also integrates with build automation tools such as Jenkins.

Benefits

1

Single Source of Truth

Consolidate individual spreadsheets by making tracking available to internal and external teams. Track all test environments, configurations, and availability schedules along with booking and change requests.

2

No More Contentions and Misconfigurations

Eliminate booking collisions with a consolidated schedule and management system. Change requests include information of current and target versions. React quickly to outages and project rescheduling. The intelligent environment availability and allocation engine ensures the right environments are allocated to the right releases at the appropriate time to avoid misconfiguration or contention.

3

Increased Productivity

Use one system to track booking requests, change requests, and schedules with notifications and automation to eliminate manual processes. Integrate with release planning for automatic coordination. Enable higher environment reliability with simple scheduling for downtime and maintenance periods. Stakeholders are always up to date, whether they receive automated notifications or get information via the ITSM toolset integration.

4

Optimized Spend

Improve test environment utilization to reduce the total number of environments. Predict trends to improve future hardware planning and resource allocations. Integration with automation tools such as Jenkins further improves time to value.

“Plutora improved our test environment management productivity by 140%.”

- Martin Parker
Senior Test Environment Manager
Boots

Key Features

Unified Schedule and Booking Engine

Minimize or eliminate testing time that is lost due to environment misconfiguration, contention, or unplanned outages. The intelligent environment availability and allocation engine ensures the right environments with the correct configurations are allocated to the right releases at the appropriate time to avoid contention. Plutora eliminates duplicate data entry and continual reconciliation processes.

Cross-Team Collaboration

Automate communication, collaboration, and coordination between delivery teams, release teams, and environment teams to eliminate manual, error-prone hand-offs. The comprehensive alerts and notifications system makes sure all environment stakeholders are aware when environments are requested, allocated, modified, and decommissioned.

Enhanced Governance and Metrics

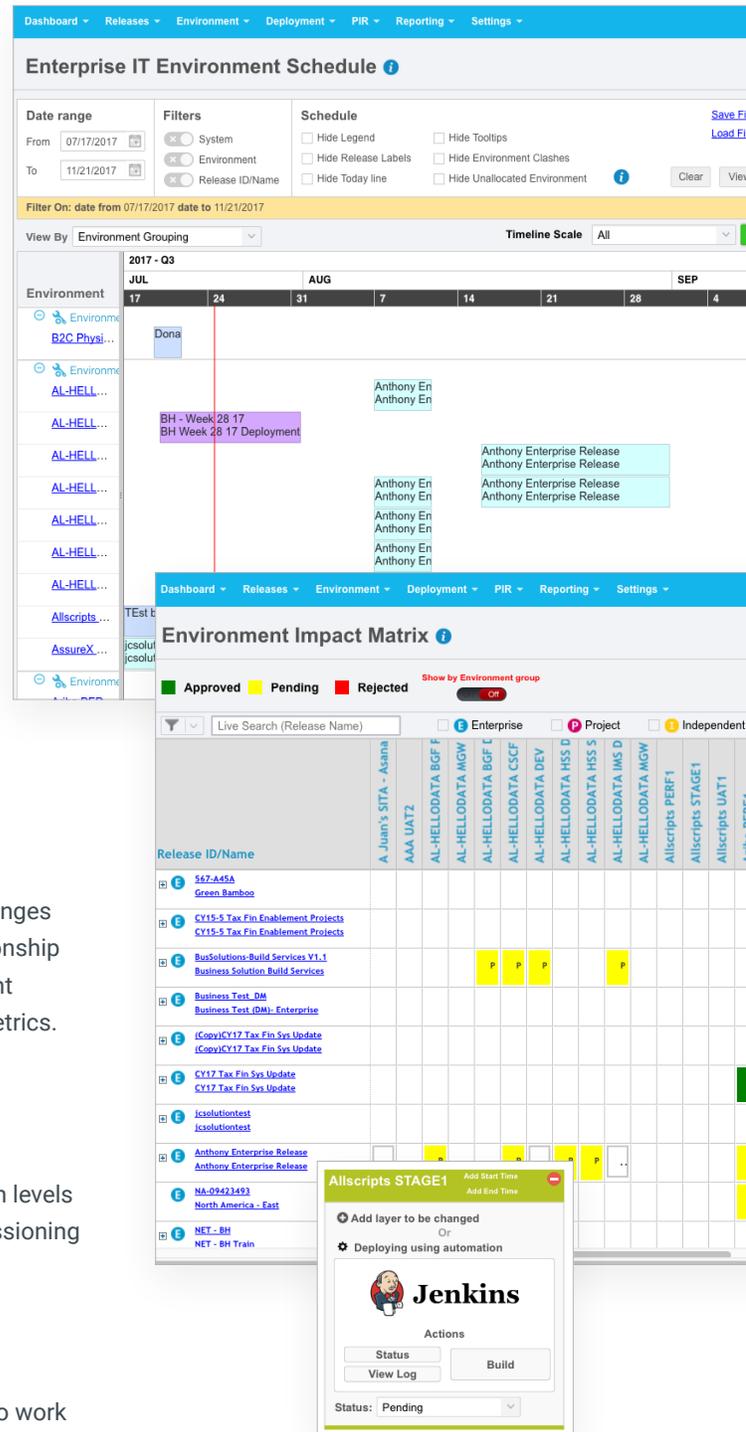
Provide test environment governance for detecting and remediating changes in test environments. Plutora Environments continually tracks the relationship between releases, environments, environment requests, and environment handovers over time to produce comprehensive environment service metrics.

Financial Management of Environments

Forecast environment costs and cross-charge project teams for actual environment usage. Always have a full view of all environment utilization levels and optimize spend by consolidating environment usage and decommissioning underutilized environments.

Toolchain Integration

Integrate with the toolchains already in use to allow teams to continue to work without disruption. Utilize existing ITSM tools such as ServiceNow and Remedy for change and incident management. Build automation tools such as Jenkins integrate with the environment build process. ALM tools provide inventory and configurations. Environment information can also be integrated using a REST API.



Learn more: www.plutora.com
Email: contact@plutora.com

Plutora is the market leader of release, test environment, and test management solutions for enterprise IT. The Plutora Platform transforms IT release processes by correlating data from existing toolchains and automating manual processes providing a single view of releases and associated metrics, such as testing quality. Plutora benefits organizations by providing predictability in the software release process, improving the speed and frequency of releases, and better aligning IT software development and business strategy.