

Value Stream Management Platforms

Value stream management (VSM) helps increase the value delivered to customers by optimizing the flow of work through value streams. Value stream management enables traditional organizations to make a data-driven journey in their digital transformation to continuously improve and deliver more value to their customers. To achieve this, VSM providers span 9 capabilities, which together help organizations to achieve their software goals.

Tool Integration & Interoperability

Integrations with the existing software development and delivery toolchains from idea to delivery are essential to converge toolchains and create bi-directional communication with tools.

Plutora has out of the box integrations to Jira, ServiceNow and Jenkins and a powerful integration hub that enables customers to easily implement new API integrations to your existing tools. These rich, bi-directional integrations in the DevOps toolchain, from idea to post-production, provide the foundation for Plutora's VSM capabilities.

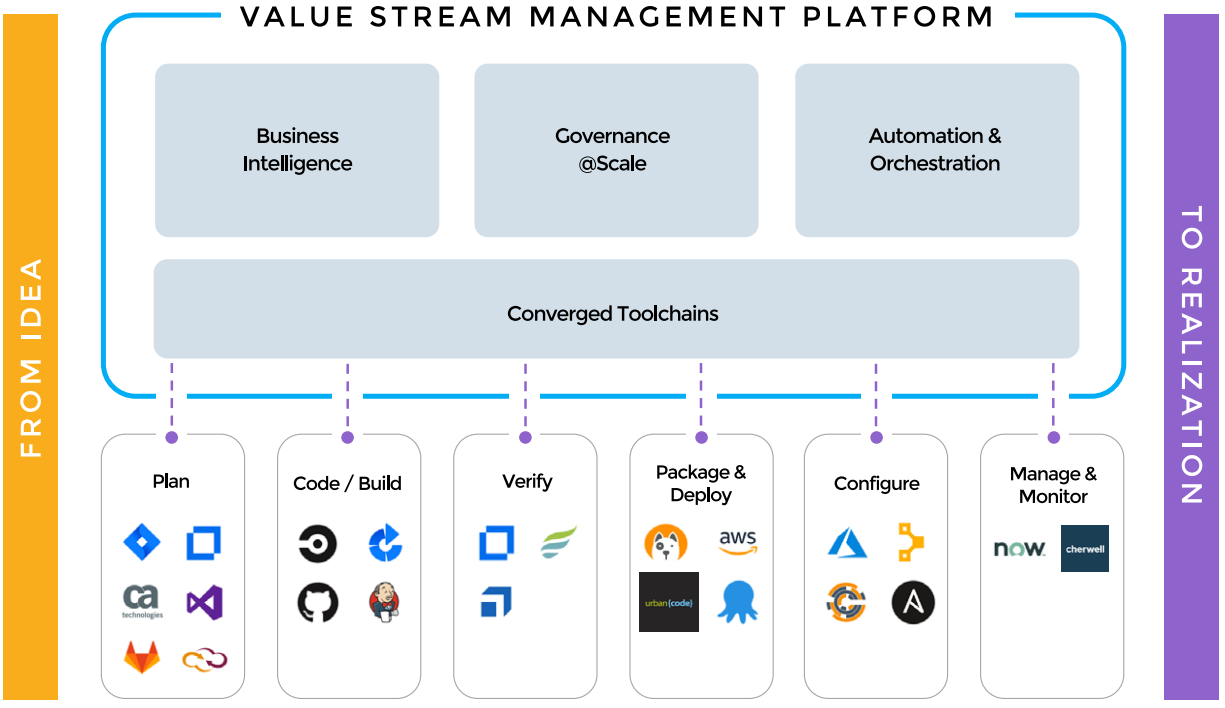
“By 2023, 70% of organizations will use value stream management to improve flow in the DevOps pipeline, leading to faster delivery of customer value.”

- Gartner, Inc.¹

Common Data Model

Bringing together data throughout the toolchain and across value streams in a common data model enables providers to capture and correlate data across tools. A common data model will also capture work flowing through the value stream, and its state changes.

Plutora's common data model sits above the tools in the value stream, spanning from idea to production. It unifies value stream elements such as requirements, epics, user stories, features, tests, defects, tickets, releases as well as environments, environment bookings, stakeholders, and all tasks and activities. The common data model supports full customization of parameters and can be tailored to reflect unique business logic resulting in a comprehensive view of the value stream.



Mapping People, Process & Data

VSM often starts with a value stream map - a high level view of all the steps in the value stream. A VSM provider captures these steps within the value stream, as well as the associated people, processes and data to capture and orchestrate work as it flows through the value stream.

Plutora provides visibility across the entirety of a single value stream, as well as across the entire portfolio of value streams. Plutora provides real time visibility into the status, progress and trends of software delivery teams. This enables users to continue using these applications as they normally would, while mixing automated and manual tasks to view the data generated across the entire value stream in a single location.

Governance & Compliance

With VSM sitting above the toolchain and unifying the value stream from idea to production, it is in the unique position to ensure governance requirements are met from end-to-end. This enables VSM providers to automate governance for continuous compliance throughout the value stream.

Plutora allows governance requirements to be embedded into release workflows to achieve continuous compliance. Plutora provides audit and compliance reports out-of-the-box that correlate the requirements imposed by external bodies - such as ISO 9001, GDPR, SOC 2, HIPAA and FISMA - with the toolchain status and KPI adherence.

Value Stream KPI Data Capture & Measurement

As VSM providers capture the flow of work throughout the value stream they measure outcomes of activities to deliver a rich set of metrics.

Plutora captures value stream metrics to deliver a complete range of DevOps and value metrics, including process time, lead/wait time, MTTR, cycle time, escape defect ratio, and mean time to value. Additionally, custom measurements can be implemented to track progress toward specific goals.



Data Analytics & Analysis

Powerful analytics bring out deeper insights from the data warehouse to enable data-driven decisions for continuous improvement.

Plutora Analytics leverages the data captured from value streams across the entire portfolio over time to provide insights with “What if” analysis to better understand how to create efficiency in the delivery process.



Dashboards & Visualization

Users in different roles are able to access and gain insights from the data relevant to them quickly and easily with customized dashboards and intuitive visualizations.

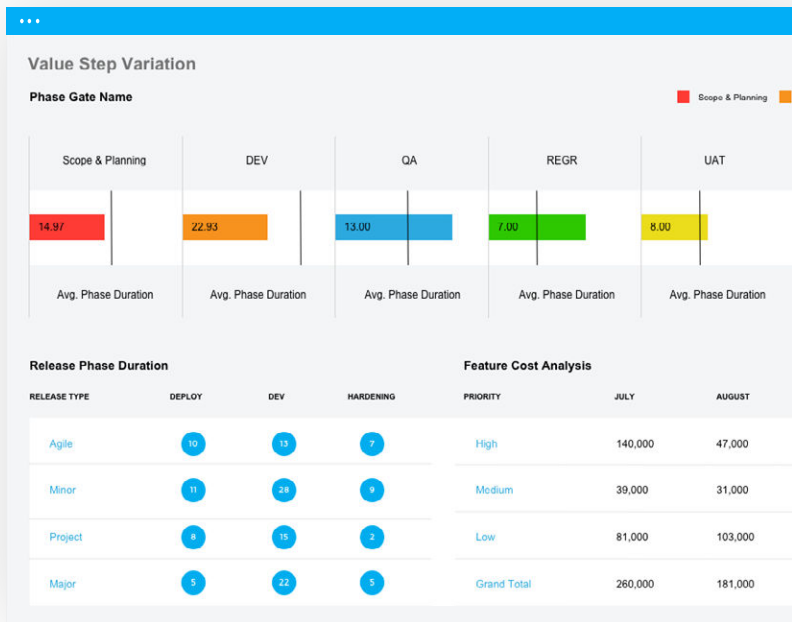
Plutora's dashboarding includes widgetized analytics built into role-based dashboards that include maps, KPIs and analytics. These dashboards combine metrics and trends by role, level, portfolio and scope of interest. Custom widgets can be built to track specific measurements.



Financials & Budgets

VSM providers help organizations understand how value streams use resources and create value. This includes capturing the value generated by particular budgets.

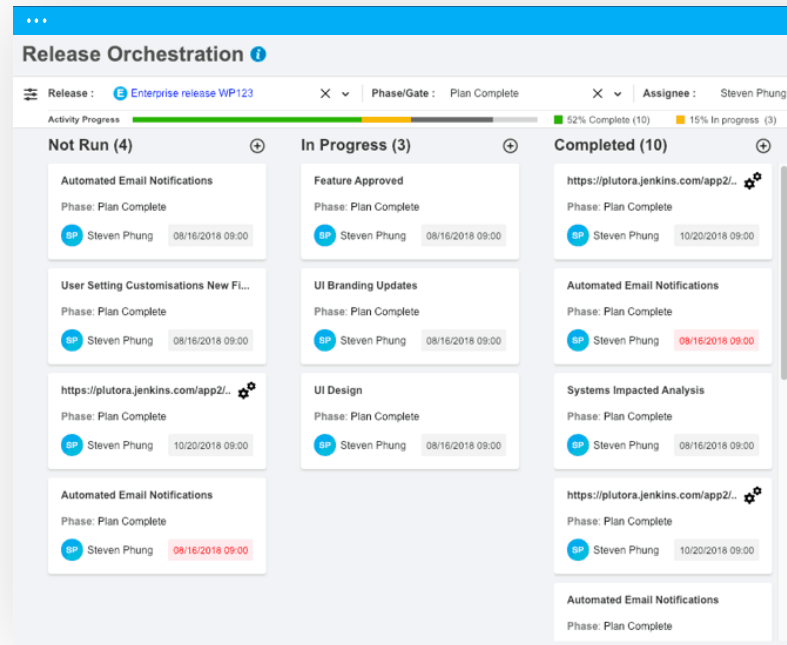
Plutora integrates with portfolio planning and management systems and can include projects with budget and projected business value information. Environment management costs can also be tracked against the pipelines for a more complete cost against expected value delivered evaluation.



Management & Orchestration

To continuously improve workflows, VSM providers capture the best practices of value stream processes in templates to easily automate and orchestrate human and machine activities and implement process improvements.

Plutora delivers release management and orchestration, test environment management, and deployment management to enable end-to-end optimization and continuous compliance of value stream workflows.



Footnotes

1. Gartner, *The Future of DevOps Toolchains Will Involve Maximizing Flow in IT Value Streams*, Manjunath Bhat, Daniel Betts, Hassan Ennaciri, Chris Saunderson, Thomas Murphy, 14 January 2020.

About Plutora

Plutora, the market leader of value stream management solutions for enterprise IT, improves the speed and quality of software creation by capturing, visualizing and analyzing critical indicators of every aspect of the delivery process. Plutora orchestrates release pipelines across a diverse ecosystem of development methodologies, manages hybrid test environments, correlates data from existing toolchains, and incorporates test metrics gathered at every step. The Plutora Platform ensures organizational alignment of software development

with business strategy and provides visibility, analytics and a system of insights into the entire value stream, guiding continuous improvement through the measured outcomes of each effort.



Learn more: www.plutora.com

Email: contact@plutora.com