

CloudBees Engineering Efficiency

Unlock data insights to maximize software delivery speed, predictability and quality

Three of the biggest challenges facing engineering leaders today are how to measure where engineering time is being spent, the status of strategic projects and how to determine if their teams will deliver software on time to customers and the business.

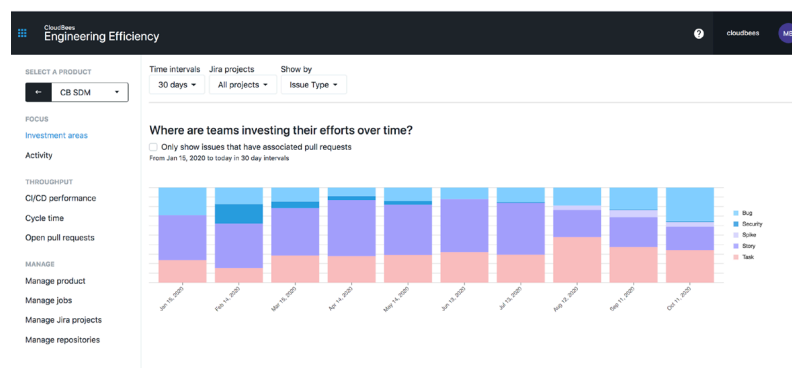
They lack the visibility needed to have an accurate understanding of where development time is being spent, how quickly are projects progressing and where are the bottlenecks slowing down work, instead of relying on various tool-specific reports, manual data collection and standup meetings to get snippets of information.

Engineer leaders today require a data-driven way of analyzing software delivery across the organization, that helps them:

- » **Focus development work:** If the engineering team is not focused on making progress on the important initiatives planned by the business, they cannot drive desired business outcomes and achieve the goals set for the development team
- » **Optimize delivery speed and predictability:** The business will be outpaced by the competition and could lose customers and revenue if the engineering team can't deliver on critical, planned initiatives
- » **Preserve software quality:** Poor quality software negatively impacts the business, causes distractions for engineering and leads to future issues with predictable, fast feature delivery

Ensure Execution on Key Priorities

CloudBees Engineering Efficiency solves these challenges by unlocking engineering productivity data. It provides the visibility needed to focus on quickly and predictably delivering value to your customers and the business. By leveraging data from connected tools such as Jira, GitHub, CloudBees CI and Jenkins you can manage your engineering teams' performance, continuously improve and optimize the on-time delivery of quality software.



At a Glance

CloudBees Engineering Efficiency unlocks engineering productivity data from Jira, GitHub, Jenkins and CloudBees CI to create one centralized view of software development activity across the organization. It provides engineering leaders with the insights they need to keep teams focused on delivering value quickly and predictably.

CloudBees Engineering Management addresses these key Software Delivery Management challenges:

- » 67% of organizations prioritize the development of features based on expected business impact
- » The significant majority (65%) of respondents are unable to accurately quantify the cost of feature delivery delays
- » More than 50% of survey respondents cannot break down the cost of application development by functional area

* Source: "The State of Software Delivery Management," conducted by Accelerated Strategies Group and commissioned by CloudBees

Requirement	Key Benefits
Quantify ability to innovate	Quantify how much effort is spent on feature and non-feature work and informs if strategic or tactical adjustments are needed.
Ensure execution on key priorities	Quantify if effort is focused on the right priorities and key initiatives. Determine if effort is spent according to plan and expectations.
Measure cycle time	Measure the time between when new development work is started to when it is completed and deployed to users. Assess if the teams are working on properly sized increments to innovate quickly.
Assess CI/CD performance	Assess performance of CI/CD automation and identify CI/CD jobs that present the biggest opportunity for improvement to speed up time to market.
Manage pull request hygiene	Manage pull request hygiene and review times to improve review processes and speed up time to merge of changes.

For engineering leadership, CloudBees Engineering Efficiency is the only tool that aggregates data from across DevOps tools to make software delivery a core business process.

CloudBees Engineering Efficiency is a module within the CloudBees Software Delivery Management SaaS solution. CloudBees removed the headache of building and maintaining a System of Record with a common data model to aggregate, correlate and normalize data from across tools. Normalized data provides the visibility and actionable insights engineering leaders need to run an efficient engineering team.

Get Started

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