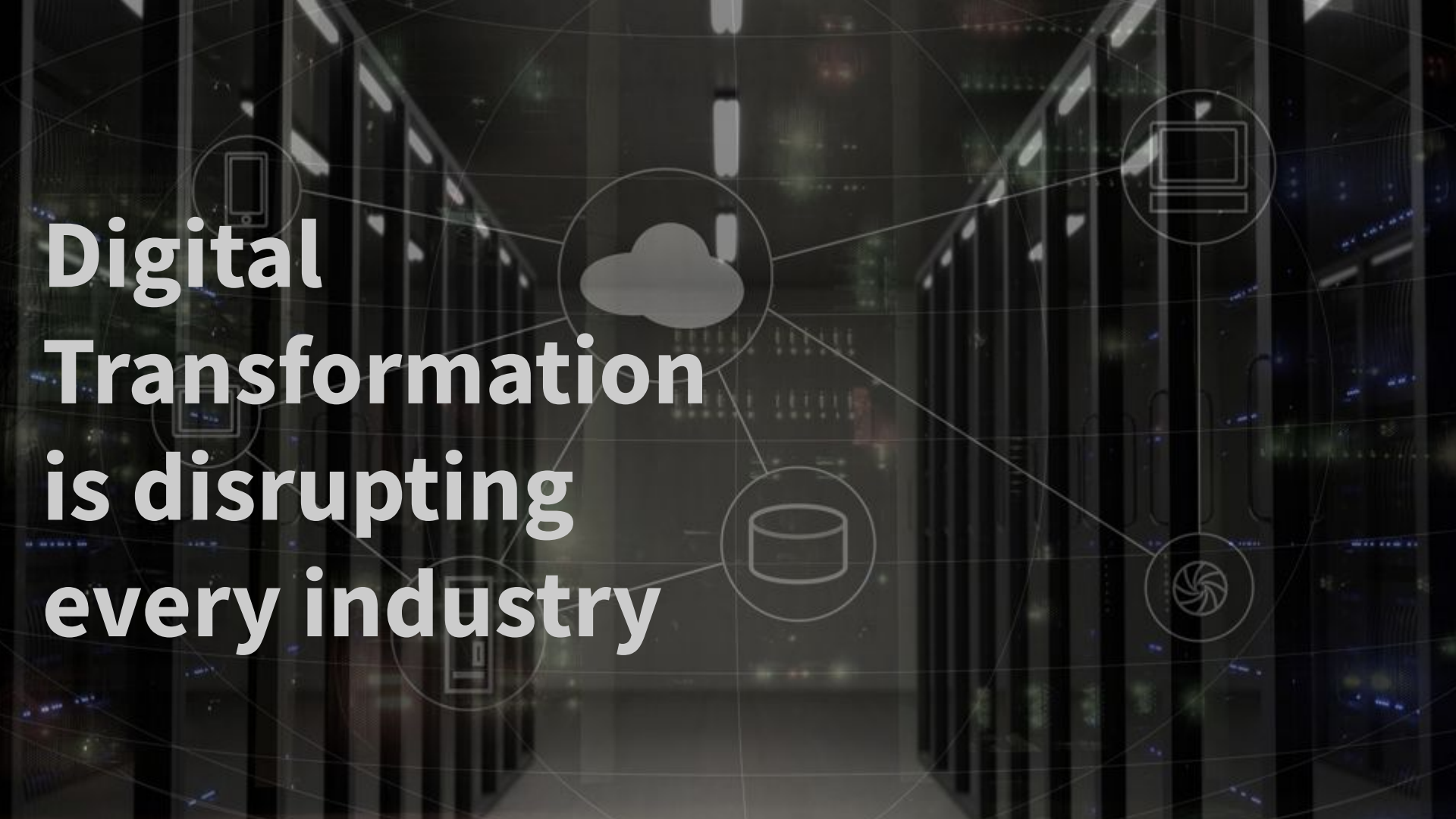
GitLab

# Introduction to GitLab


Digital
Transformation
is disrupting
every industry

# 70% of Digital Transformations fail [1] ...

## Complexity, bottlenecks, and inefficiency

manual processes, functional silos, waiting for handoffs, uncertainty

## Poor collaboration and communication between teams

misaligned priorities, duplication of work, unsure of who is doing what, when and why

## Periodic crisis, unsatisfying tradeoffs

security breaches, bugs caught in production, downtimes, security & compliance vs. speed

## Lack of visibility and traceability

siloed teams, hard to identify & fix bottlenecks, expensive to report, audit, comply

[1] https://www.mckinsey.com/industries/retail/our-insights/the-how-of-transformation

# … resulting in

## Poor quality products, over budget, unexpected costs

Frequent rework, wasted cycles and budget, lower employee productivity

## Poor velocity, lost market opportunities, product launch delays

Poor business agility, unable to capture new opportunities and get quick market feedback

## Poor developer experience, high employee turnover

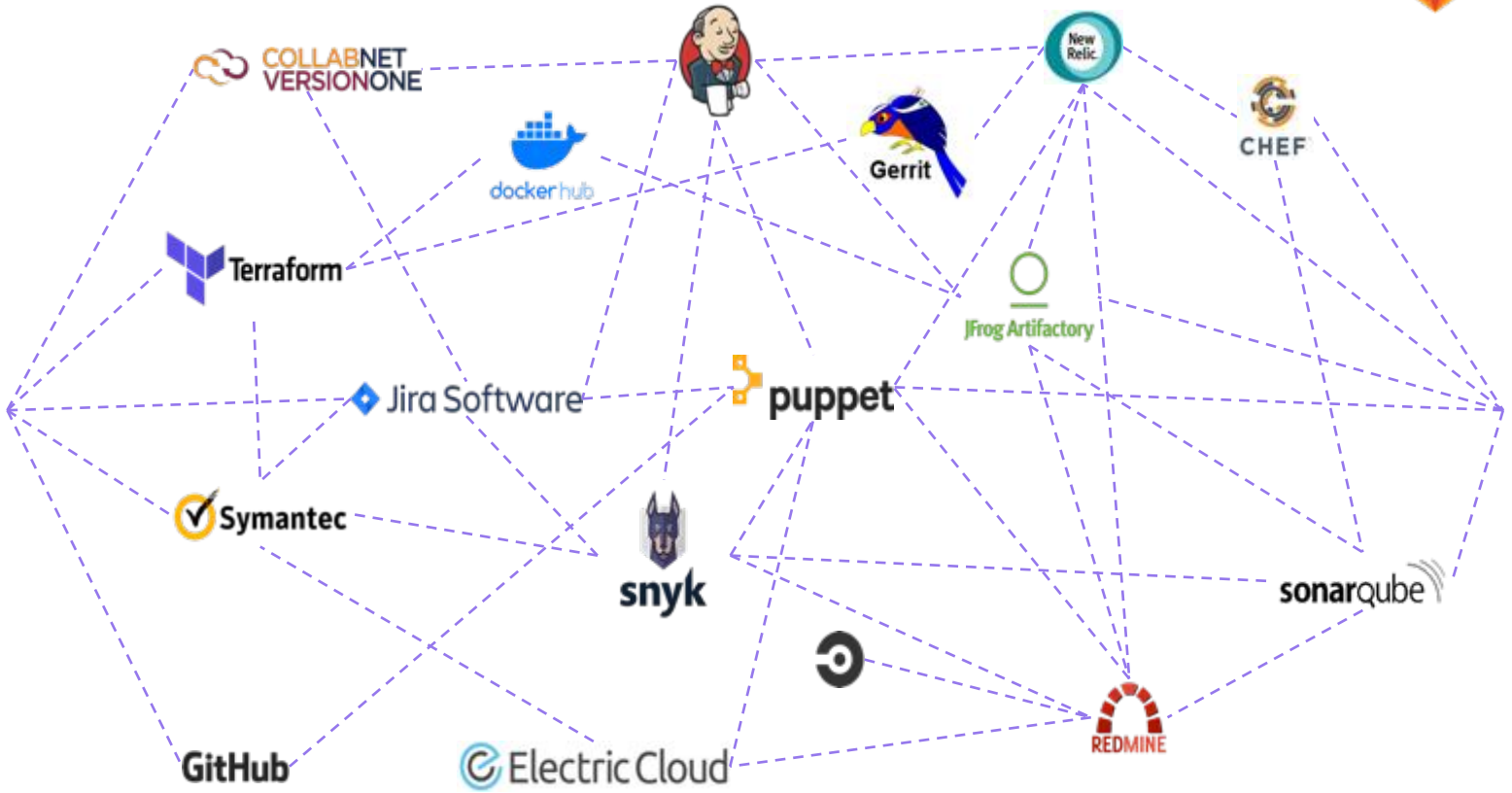
poor developer experience, high employee turnover, hard to recruit or retain talent

## Business disruption, damaged reputation, customer attrition

Simplify the software development toolchain to reduce total cost of ownership

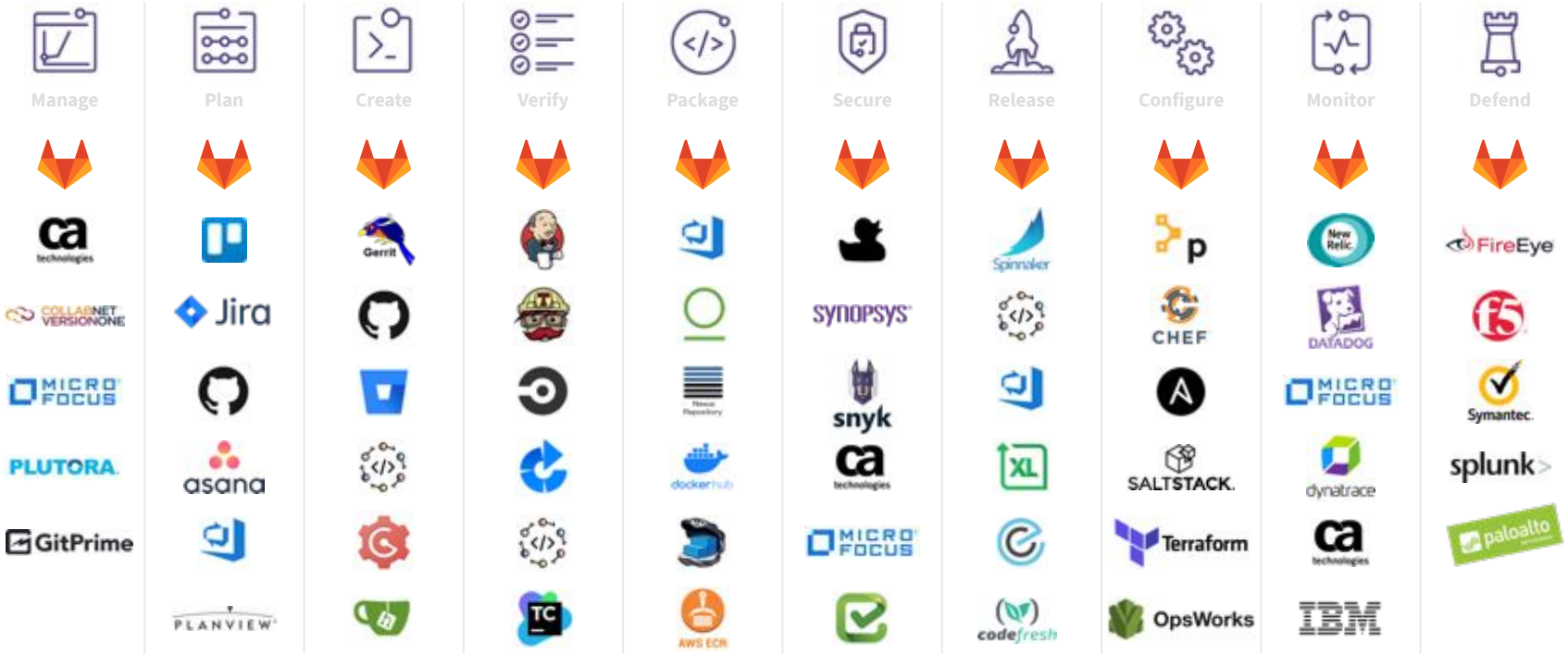
# DevOps is transforming how companies deliver software

# Today's software delivery landscape




*Toolchain tax - multiple tools, fragile integrations, hard to scale, outages*

# GitLab aims to replace multiple tools across the lifecycle



# Reducing your footprint

**GITLAB IS REPLACING POINT TOOLS...**

- Project management
- SCM
- CI/CD
- Issue tracking
- Container registries
- Logging
- Dependency scanning
- License management

GitLab

**AND ENABLING ENTIRELY NEW CAPABILITIES...**

- Concurrent development
- Moving security forward (SecDevOps)
- Seamless collaboration
- Full accountability
- Cycle time measurement
- Transparency
- Real-time feedback
- ...

**A single, intuitive user experience, data model and integrations**

# A Complete DevOps Platform Delivered as a Single Application


Manage


Plan


Create


Verify


Package


Secure


Release


Configure


Monitor


Defend

Single Conversation
Single Data Store
Single Permission Model
Single Interface
Governance & Security
Team Collaboration
Lifecycle Analytics

# Quantifiable benefits of simplicity

## Increase Operational Efficiencies

One consistent view and collaboration space for Dev, Ops, and Security teams

Public cloud independent, deploy anywhere, SaaS and/or self-managed

## Deliver Better Products Faster

Ability to work in parallel, get feedback and not have to wait on other teams

Automate testing, security, deployments to minimize manual intervention

Assess and resolve security, compliance, and code quality issues at the point of code change

## Reduce Security and Compliance Risk

Decrease security exposure, cleaner and easier audits, reduce disruptions

# GitLab streamlines the DevOps adoption journey

DevOps adoption stages

**DevOps Initiatives**
Better collaboration, higher IT productivity

**DevOps Maturity**
Faster releases, fewer errors, lower costs

**Digital Transformation**
Faster time-to-market, increased revenue

Typical starting points

**Portfolio**

Epics and roadmaps enable visualizing and prioritizing future work

**Project**

Backlog, sprint, burndown, tracking deliverable

**SCM**

Code reviews, collaboration, developer experience, productivity

**CI**

Automated build/test pipeline, quality and speed

**Security**

Security Dashboard, Shift left Security

**CD**

Multi cloud, flexible infrastructure, infrastructure as code

**Holistic value increases with GitLab adoption**

## Holistic value increases with GitLab adoption

**Reduced cost**
- Single license
- Reduced maintenance
- Reduced integration costs

**Auditability**
- Single data store

**Improved toolchain security**

**Speed of innovation**

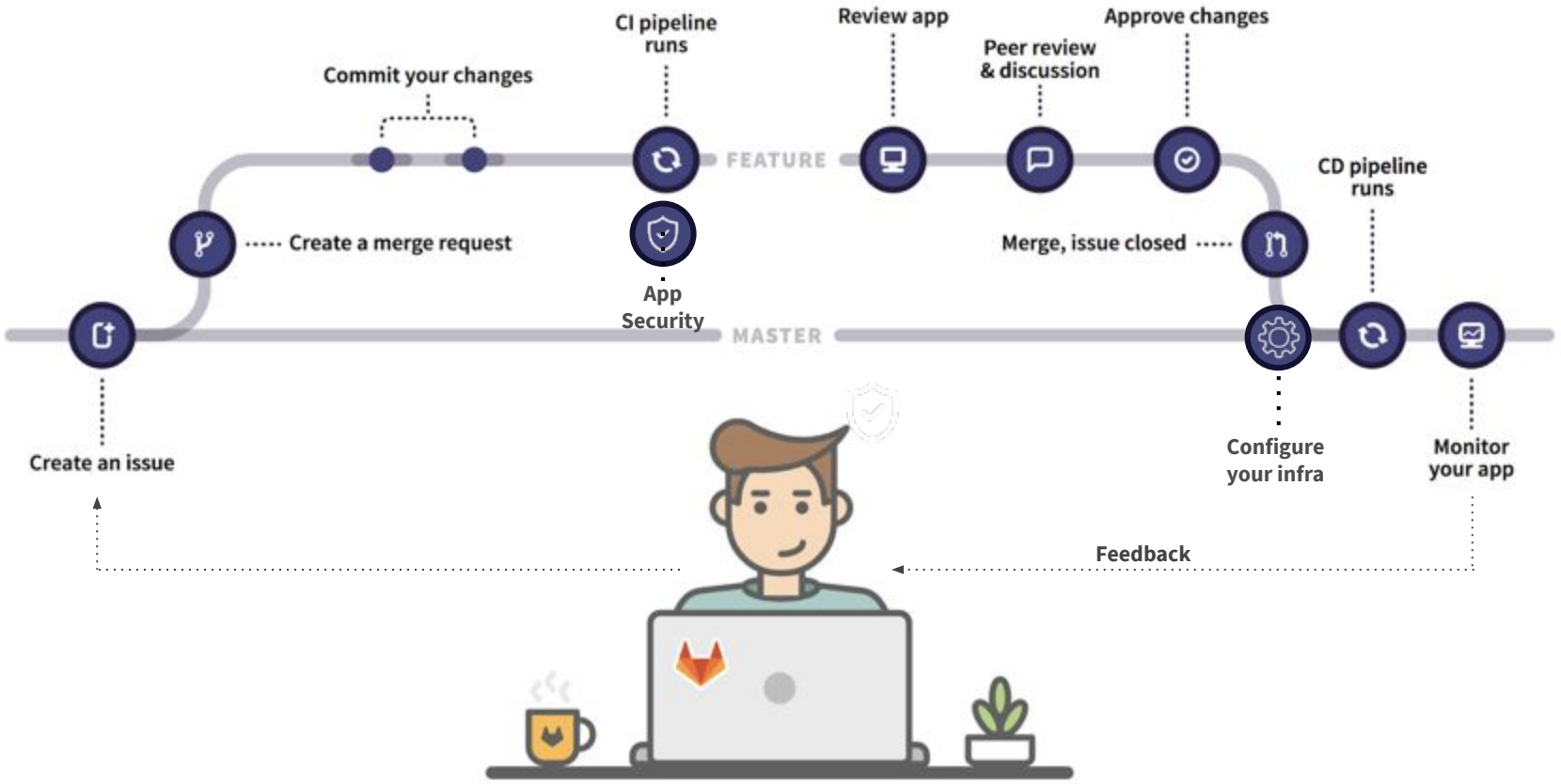
**Improved compliance**

**Continuous improvement visibility and analytics**
- Cycle time analytics
- Single pane of glass visibility

**Seamless collaboration**

**Developer experience**
- Single interface
- Developer flexibility (movement between projects/new toolsets)

# DevOps Best Practices Built In



# Complete DevOps

- Leading SCM and CI in one application
- Built in security and compliance
- End to end insight and visibility
- Deploy your software anywhere
- Flexible GitLab hosting options
- Rapid innovation
- Open Source: Everyone can contribute
- Collaborative & transparent customer experience


Everyone can contribute

# Integrating SCM and CI doesn’t have to be painful

“Learning one tool's conventions (GitLab) has been so much better than trying to glue three different tools together (e.g. Bitbucket, Jira, Jenkins, Confluence), each with their own words.

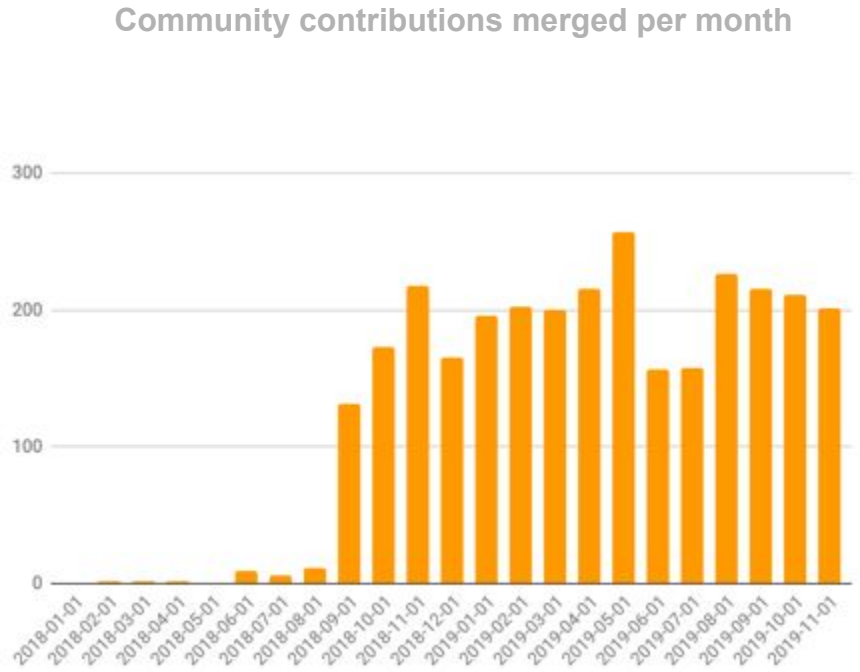
In GitLab, the repository is the center of all attention, and there's no ambiguity about how each feature (say a build or a documentation site) relates to it.”

*Customer Quote from Q1 FY20 System Usability Scale Survey*

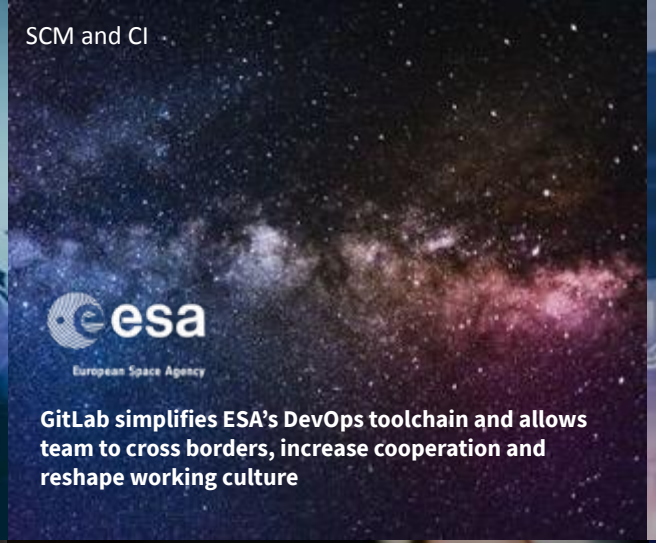
# How can we achieve our vision?

## BUILT ON OPEN SOURCE

- **THE POWER OF CONVENTION:** leverage the DevOps best practices of 100K+ organizations across the world.
- **EVERYONE CAN CONTRIBUTE:** passionate, vocal, glob community of 2200+ people and organizations contribute code.
- **CO-CREATION:** with thousands of public feature proposals, GitLab delivers customer-driven innovation
- **CONTINUOUS INNOVATION:** since 2011 GitLab has consistently released new features/innovations on the 22nd of every month.
- **OPEN ECOSYSTEM:** built upon powerful open source technologies like Kubernetes and Prometheus.



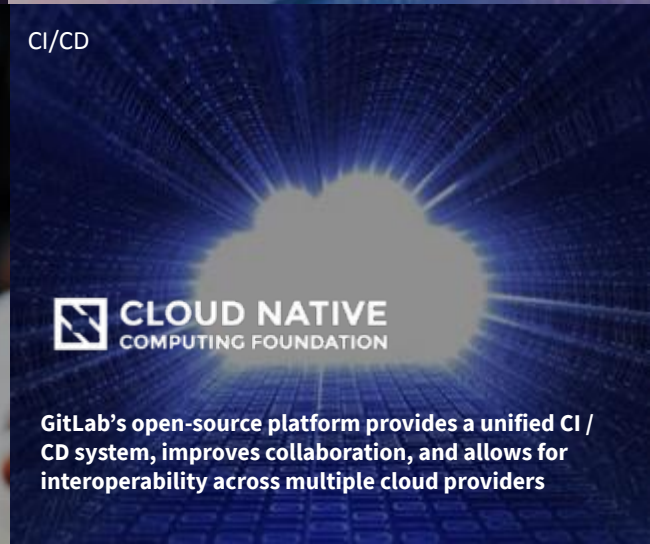

CI
ticketmaster
GitLab's platform helps Ticketmaster deliver higher-quality features to fans more quickly and more consistently


SCM and CI
esa
European Space Agency
GitLab simplifies ESA's DevOps toolchain and allows team to cross borders, increase cooperation and reshape working culture


SCM and CI/CD
Goldman Sachs
GitLab removes toolchain complexity and accelerates DevOps adoption, shortening release cycles from once every 1-2 weeks to once every few minutes


Agile, SCM, CI/CD, and security
Glympse
GitLab streamlines Glympse's development processes improving compliance, security scanning and deploy time


SCM and CI
Worldline
GitLab quickly became the backbone of Worldline's development environment, improving code review by 120x


CI/CD
CLOUD NATIVE
COMPUTING FOUNDATION
GitLab's open-source platform provides a unified CI / CD system, improves collaboration, and allows for interoperability across multiple cloud providers