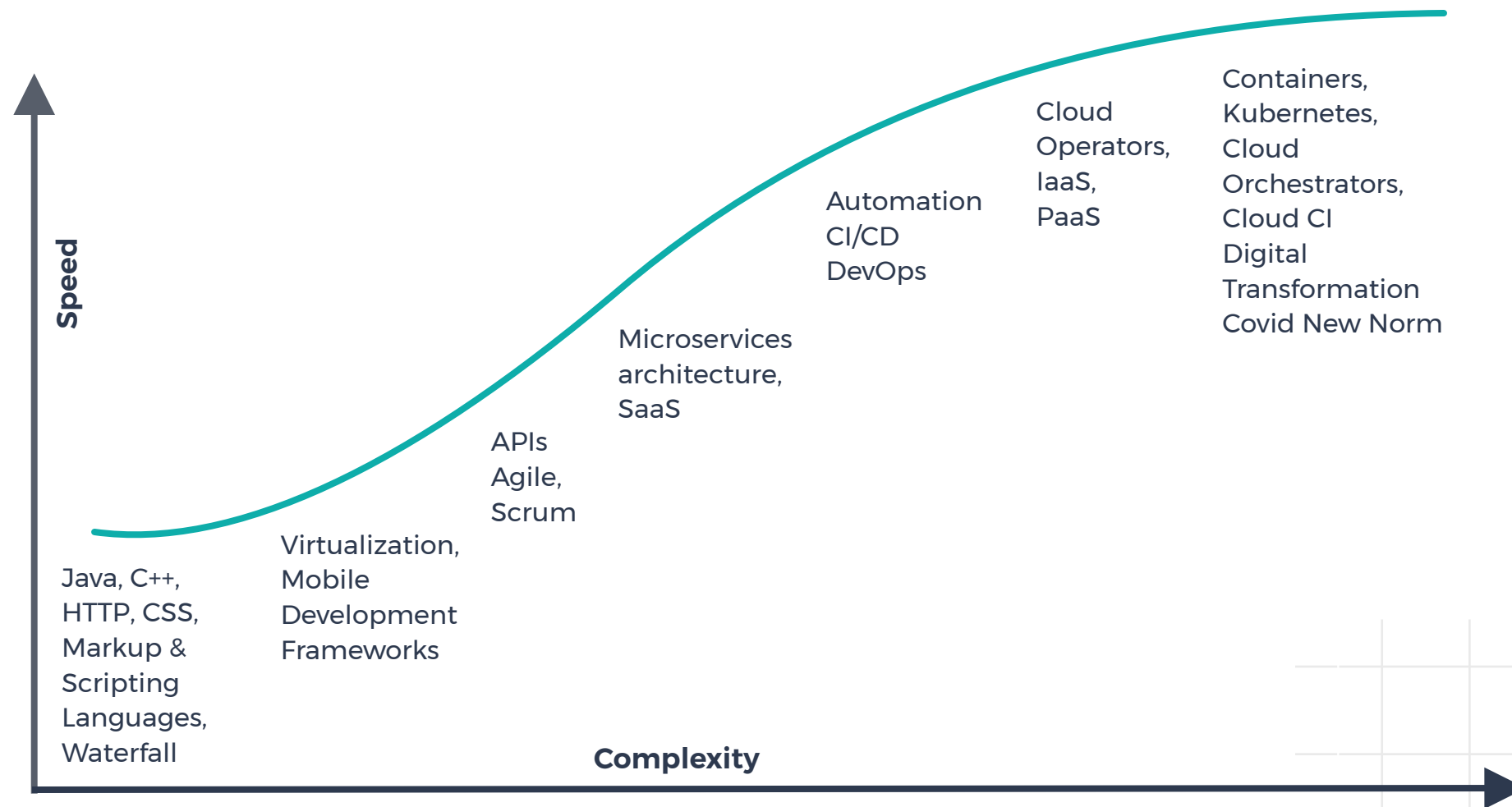




**Integrating performance
engineering into your
continuous journey**

The challenge

Tech is changing fast... Keeping up is hard...



Tech is changing fast

The way we're developing and delivering applications is changing at warp speed: cloud CI, dynamic microservices, multi-cloud environments, Kubernetes and more. Everything's getting faster and more elastic.

There's more pressure on performance

But all this speed and scale introduces complexity. While things are getting more complicated and release cycles are getting shorter and more frequent, performance is getting more imperative.

Performance today is harder than ever

Performance engineering is struggling to keep pace. Companies who can test faster and integrate continuous performance testing into their modern environment are the ones who can release faster with greater confidence.

Performance is strategic

Enterprises who adopt continuous performance and load testing will be ahead of their competition.



Scan the qr code or click on 'watch now' and get access to the full video of Chris Condo

Watch Now

“Performance is entering DevOps comparable to the way security entered the cycle and will continue to do so in 2021 ... if you were going to ask what comes after DevSecOps, I would say performance.”

FORRESTER®



Chris Condo,
Forrester Principal Analyst

“Even more complexity may be coming to DevOps as organizations weigh other aspects of software deployment that could be improved. Performance engineering is surfacing in the development cycle. Engineers need to ask questions about how many times per second an API will be called and what happens if a service goes down.

“As monoliths get broken into microservices, a distributed computing problem may also emerge where data is shared via APIs. Now the size of APIs, the amount of calls it takes, where those things are going to be hosted -- if they’re not accounted for early in the design phase -- that can be bad.”

Source: www.informationweek.com/devops/aiops-devsecops-and-beyond-exploring-new-facets-of-devops/a/d-id/1339297

The problem

Stakes are high and demands compete

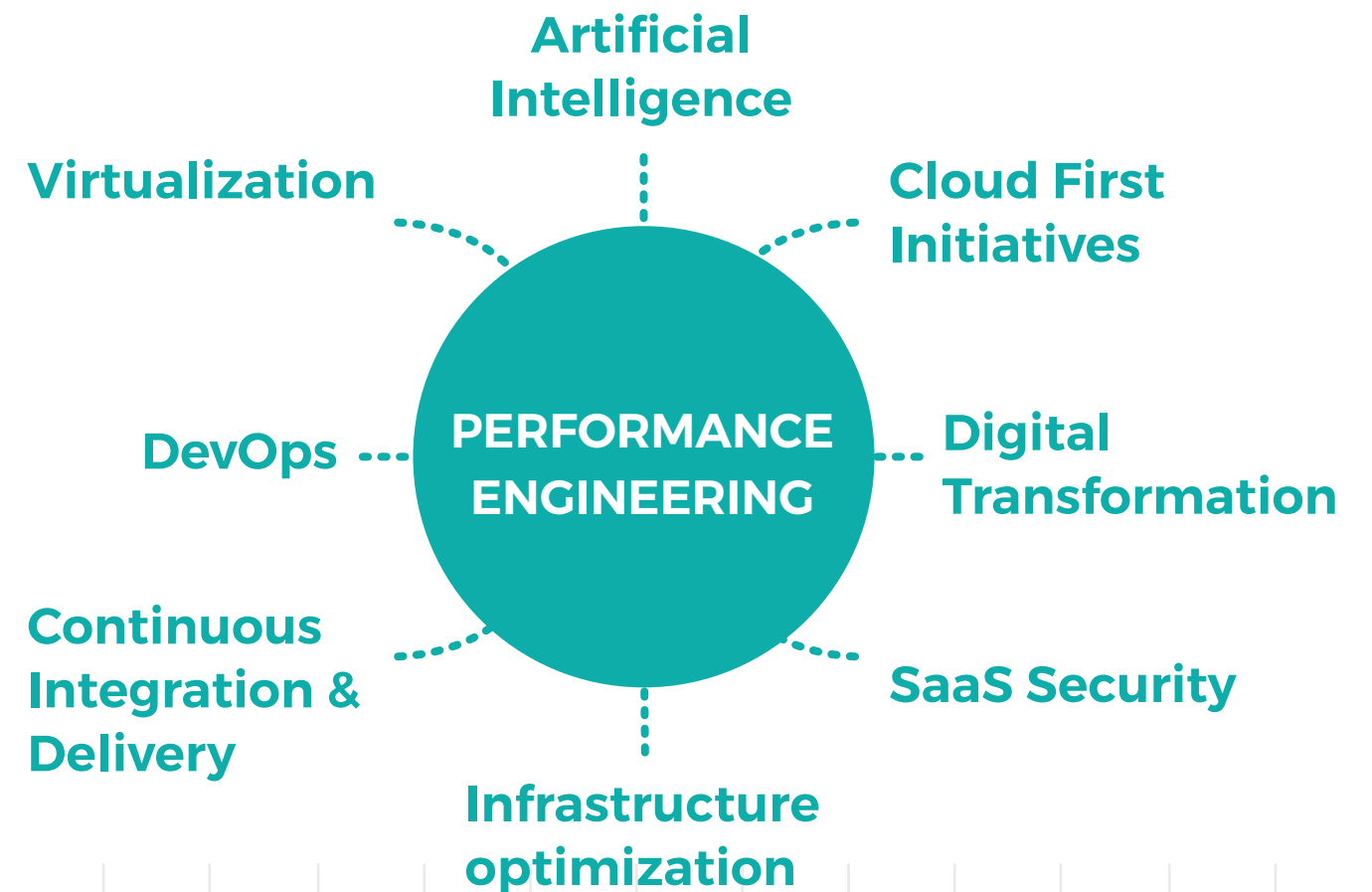
New digital initiatives means competing pressures

Enterprises are adopting programs dependent on new technology faster than ever: artificial intelligence, cloud first initiatives, digital transformation of core businesses, shift to DevOps and the movement to SaaS and more. Performance engineering must follow suit while simultaneously balancing the maintenance of pre-existing systems and applications they continue to support.

How will performance engineering keep up

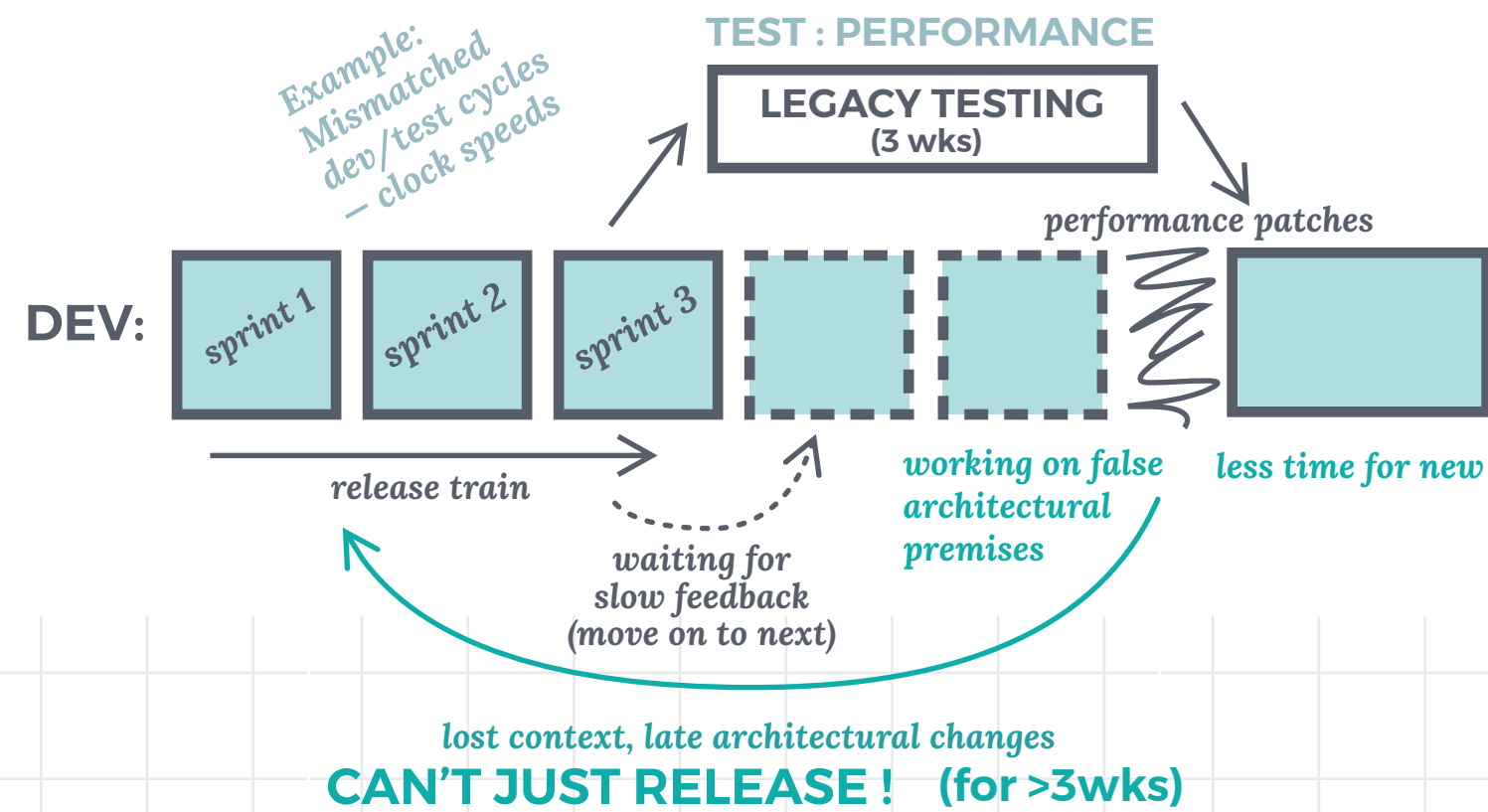
Multiply the internal and external competing demands on performance engineering times the amount of departments, apps, APIs, monoliths, microservices, changes and updates that the PE team supports and the question becomes: How will I keep up? Prioritize? Maintain control? Deliver results? Ensure no failures in production?

Teams need to deliver fast with high quality to stay competitive.



Problems with doing performance testing outside of dev cycles

Traditional late cycle testing makes timely feedback hard



Why teams shouldn't leave performance testing until the end of the development cycle

- Performance engineering starts with good requirements from stakeholders to build in SLOs from the beginning.
- Code, infrastructure, and architectural changes cost a lot more to fix later on.
- Rework robs teams of future time, i.e. next sprint velocity.
- All contributions to quality should be repeatable, reusable and therefore scalable
- Finding issues at the end of the cycle often doesn't allow enough time to fix them, delaying releases and stressing teams.

47% of companies say testing is the number one reason for delays

A New Way

Continuous testing is the way to keep pace

"We saw the need, in order to keep pace with the market and to keep Guardian competitive, we needed to change the way we were doing business.

"We have to identify where key sprints or key iterations need some level of performance testing to validate the code they're developing or changes they're making to existing products.

"But it's really driven by being able to keep pace with the market, being able to be competitive as a company, and transform the way we do business – give the customers a better experience, offer them more diverse products. That's what drove those changes to be more Agile, more nimble."



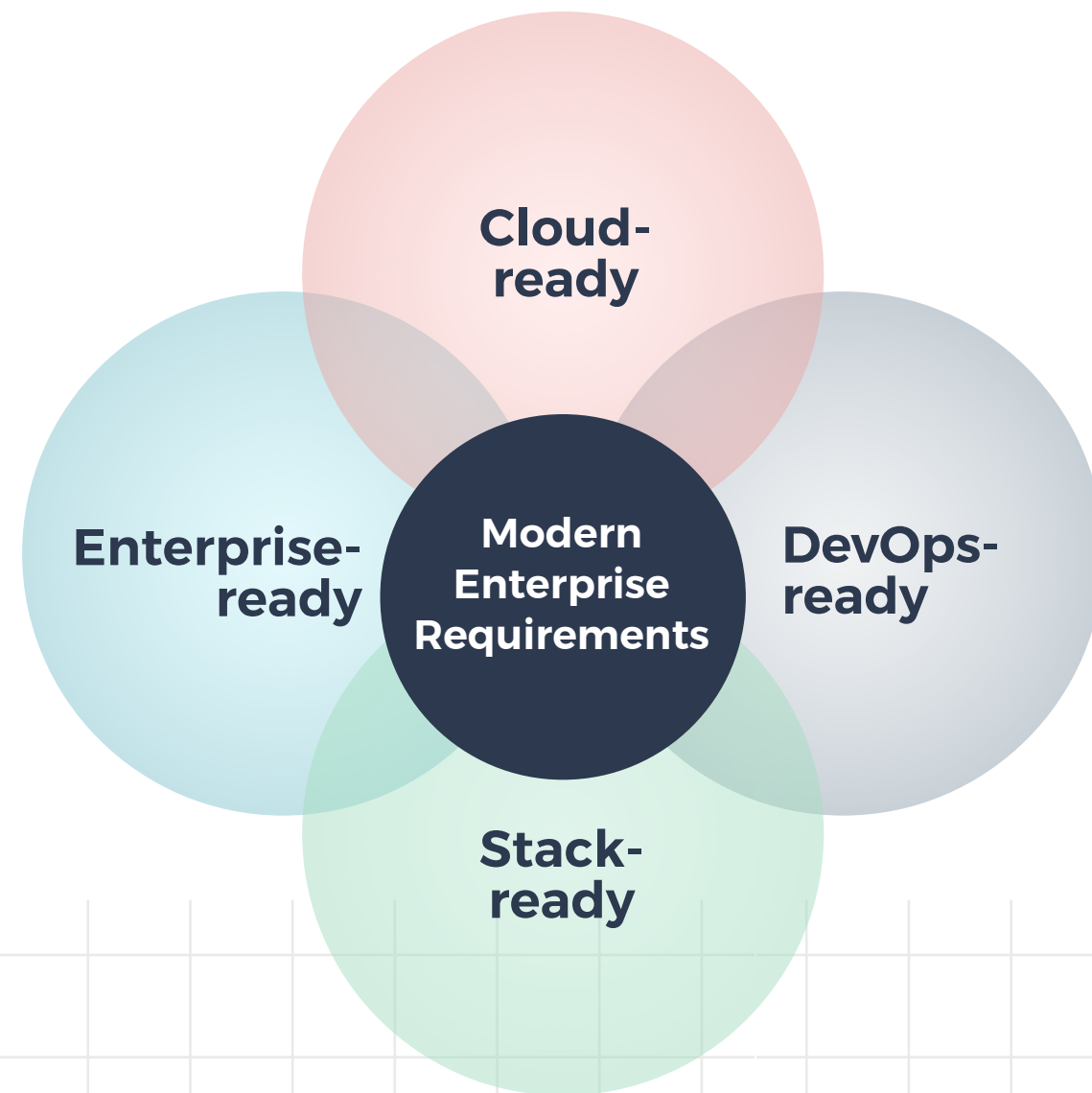
Ryan Cruz,
Senior Performance
Testing Manager

“Automated testing and continuous integration have made our deployments safer and more optimized. Now everyone in the team has the permission to deploy the code.”

Source: GitLab Mapping the DevSecOps Landscape, 2020 Results

Why NeoLoad?

An effective performance testing platform must be...



Automation, yes please, and more

A performance testing solution can't just have the capability to automate alone. It must also meet the full requirements of modern Enterprises who are managing multiple initiatives, digital products and services and a tech stack that's been built upon for years.

One solution for all use cases

The performance solution must support the Enterprises testing across everything from microservice to monolith, API to packaged application, manual to automated systems, hybrid-, and private-cloud and be developed by a vendor with an ecosystem ready to support them along the way.

Why NeoLoad ?

Only one performance testing solution is ready for modern enterprises

	NeoLoad	LoadRunner	BlazeMeter	jMeter
Enterprise-ready Supports native testing of major protocols, packaged applications, app-streaming and integrates across the stack.	✓	✓	⚠	✗
DevOps-ready Fits into automated pipelines with as code testing, open REST API, DevOps tool integrations and simple command-line interface.	✓	⚠	✓	⚠
Cloud-ready Multi-cloud SaaS, hybrid-, and private-cloud approaches, integrated into the entire cloud tool chain.	✓	✓	⚠	✗
Stack-ready Open API connects to any tools or other APIs to share and consume data or create actions based on SLOs and results, plus supported integrations.	✓	⚠	⚠	✗

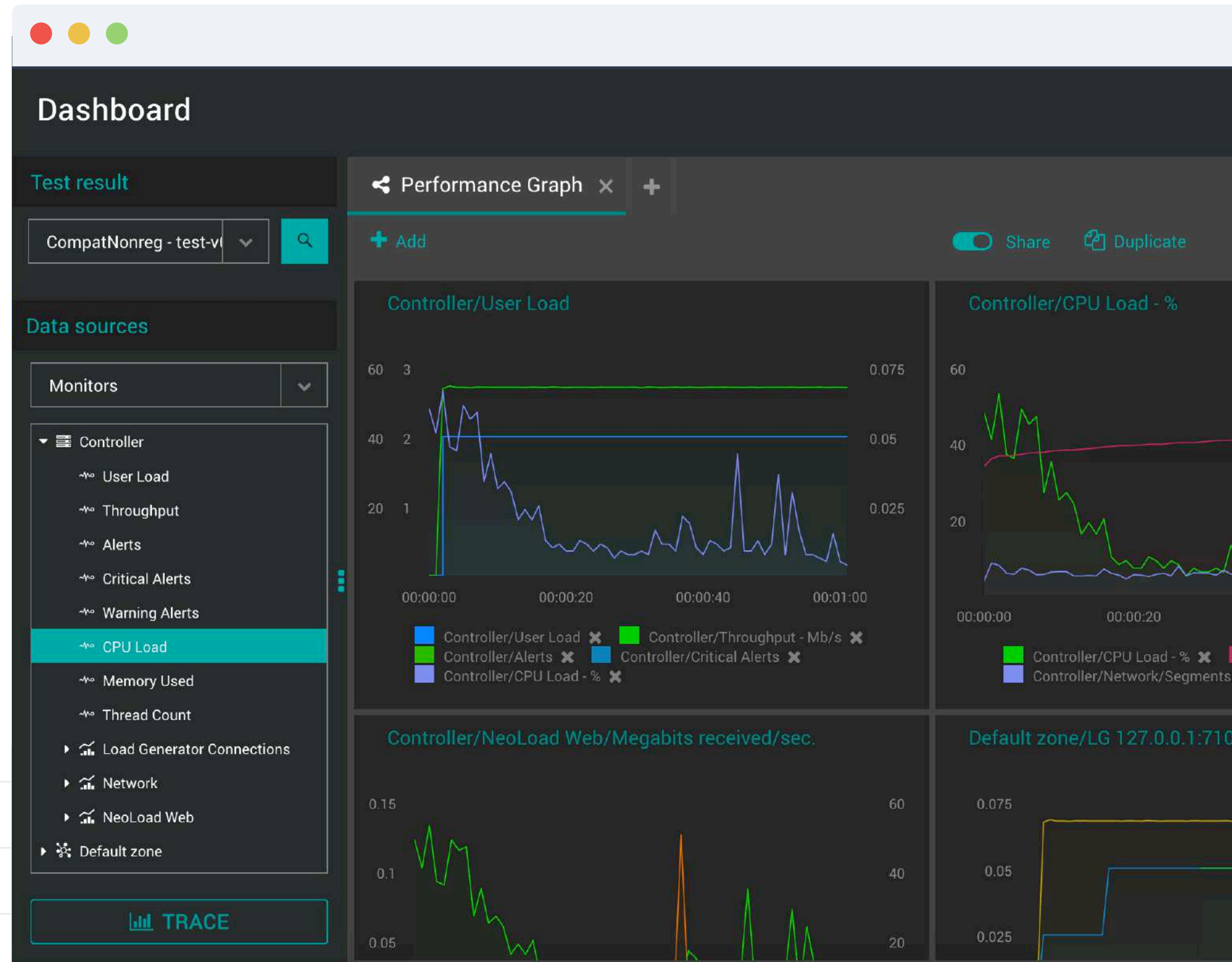
 limited capabilities

The NeoLoad difference

NeoLoad Continuous Performance Testing Platform

Accelerates and scales performance testing across all product teams by automating load testing for the full scope of enterprise requirements from monolith to microservice.

NeoLoad's native integration with other testing and DevOps tools contribute performance engineering observability metrics across all phases of systems delivery.



Customers See Real Results

20% fewer issues in production

2X more tests in same time

Test maintenance 80% faster

RAIFFEISEN

Reduced release cycles by 80%

70% fewer war room incidents



40-50 teams testing on demand globally each quarter



Script design is 40% faster and script maintenance is 30% faster

2X more tests, 300% increase in apps supported



Executing over 25,000 tests across APIs and full applications with NeoLoad monthly.

Test design 10X faster than LoadRunner

Met the "success" threshold every year since 2010
Abercrombie & Fitch



Accelerated release cycles by 70-80%

Reduced war room incidents by 70%

Enterprise Adoption

The world's largest enterprises depend on NeoLoad



Performance testing is our legacy and our future



Dedicated Best of Breed Solution

NeoLoad is the most focused performance and load testing platform designed specifically for the complexities of modern enterprise performance testing and purpose-built to be flexible with all other testing solutions and complementary tool chains.

For Performance Engineers by Performance Engineers

Neotys has 15 years experience building focused experience on performance and load testing as its core competency. Neotys organizes the Performance Advisory Council, the premier performance and load testing experts worldwide to share cutting edge practices and knowledge.

Thank You



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