



# Meet PHOTON

## Your end-to-end performance testing AIDE\*

**Continuous technological advancements and digital transformation demand new ways to test products. Hop on this exciting journey with us where we transform your unmanaged performance testing work to smooth, end-to-end performance testing at the speed of digital.**

PHOTON is a one-stop performance testing solution that addresses the testing problems of today's business leaders and technical architects. It improves quality and trust in the product and increases the efficiency of teams.

**Availability** is the key.

---

Availability supports **Reliability**.

---

Reliability defines **Quality** and **Trust**.

---

### **Are you keen to optimize your testing potential?**

Do you find yourself saying YES to these questions?

- Is achieving a one-stop performance monitoring solution a priority for you?
- Do you have budget constraints in using expensive application performance monitoring tools?
- Are you interested in tracking performance test improvement?
- Do you face challenges in distributing data across multiple load generators?
- Do you face complexities in developing plug-ins and integrating with load testing tools or managing your script versions over the release?
- Do you think adding machines to a load-generating cluster is effort-consuming and tiresome?

**If you face any or all of the above challenges, the path to your solutions is called PHOTON!**

## This is PHOTON

**Proven** – Developed with the foresight and recommendations of industry experts, customers, and project stakeholders to address all their requirements.

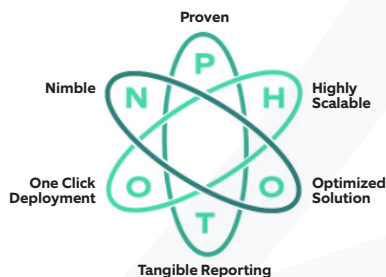
**Highly scalable** – PHOTON is highly scalable and can test applications that need large, distributed load and can scale the load to the nth number.

**Optimized** – PHOTON enables the performance testing teams to work under any given constraints and deliver the best value to the project.

**Tangible** – Real-time and standardized reporting helps in identifying bottlenecks quickly, with utmost precision.

**One-click** – Achieve manifold reduction in deployment time easily with PHOTON, allowing you to focus more on real-world load test planning scenario creation.

**Nimble** – PHOTON's advanced tech stack is equipped with inherent platform independence and seamless integration capabilities.



## Why choose PHOTON?



### Quick and cost-effective

With PHOTON, you can set up and execute your test environment much faster, with minimal efforts.



### Transparency and analysis-backed support

PHOTON provides intuitive reporting dashboard with historical reporting and trend analysis.



### Scalable and reliable

PHOTON can dynamically scale up load generator machines as per the user load requirements.



### End-to-end performance monitoring

PHOTON provides end-to-end monitoring including client-side performance monitoring, log monitoring, and infrastructure monitoring.



### Supports all major protocols

PHOTON supports most protocols like HTTP, HTTPS, SOAP/REST FTP, JMS, Database via JDBC, GraphQL, Bolt Request, Websockets, JMS, SMTP, IMAP, etc.

**Start using PHOTON from Day 1 in your performance testing lifecycle and enjoy 50% greater efficiency!**

### \*AIDE – Nagarro's model to speed up performance testing

#### Analyze

- Get functional understanding of the application
- Learn about the app's architecture
- Know the ecosystem and integration with systems/sub systems
- Identify the testing tools in use
- Understand the development model, team structure, and test environments

#### Investigate

- Know about the test environment and deployment platform.
- Learn about the firewalls, security permissions, and any specific accessibility permissions

#### Deploy

- Create VMs to set up load generators
- Deploy PHOTON by following the runbook
- Validate the PHOTN setup

#### Execute

- Create script
- Execute test
- View results on Dashboard
- Analyze and figure out possible bottlenecks



### About Nagarro

In a changing and evolving world, challenges are ever more unique and complex. Nagarro helps to transform, adapt, and build new ways into the future through a forward-thinking, agile and caring mindset. We excel at digital product engineering and deliver on our promise of thinking breakthroughs. Today, we are 17,000 experts across 32 countries, forming a Nation of Nagarrians, ready to help our customers succeed. (Status: 09/2022)

For more information, visit [www.nagarro.com](http://www.nagarro.com)

It's time to leverage all these invaluable benefits in performance testing, it's time to make PHOTON your trusted AIDE. So why wait? Just reach out to us at

[aqt@nagarro.com](mailto:aqt@nagarro.com)