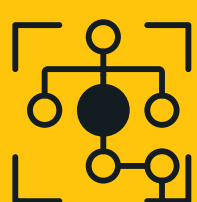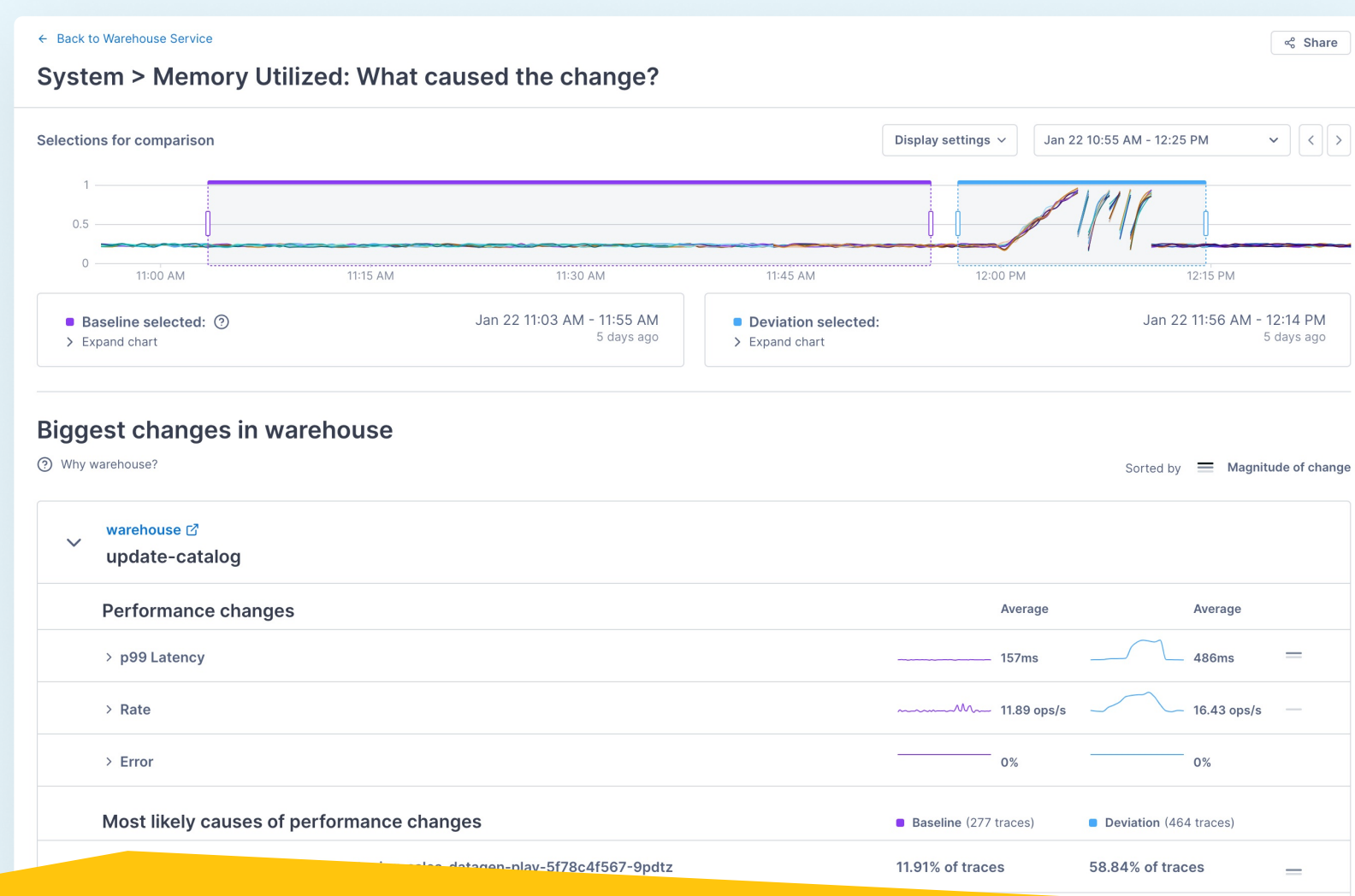# The easiest way to understand complex systems

Make everyone on your team an observability expert.

Lightstep automatically detects changes to infrastructure and applications, and surfaces causes across traces, metrics, and logs.

We're purpose-built for scale and a fraction of the cost of traditional monitoring tools.

Correlate changes across traces, metrics, and logs to pinpoint the root cause of a regression in three clicks or less.

Building org-wide standards

Lightstep was created by the founders and maintainers of OpenTracing and OpenTelemetry. When teams, and organizations, build and adopt standards, they become more high-performing and deploy changes with a five times lower failure rate.

Minimize the impact of outages

See every upstream and downstream dependency, including third-party cloud providers, in real time. With Lightstep's dynamic service and operation diagrams, you'll always have a pulse on what's impacting your team's services, and how they are impacting the org.

Improve software performance

Lightstep automatically detects the changes that matter most to your application, infrastructure, and user experience — and surfaces root causes. By automatically identifying the root cause, teams reduce the amount of time they spend troubleshooting, making sure your customers don't feel any impact.

About us

Our team highlights

Built Monarch and Dapper at

Google

Built Zipkin at

Founders and maintainers of

OpenTelemetry

OPENTRACING

2.5 PB Processed Daily

Trusted at scale

COGNITE

PLAID

lyft

zalando

twilio

Airtable

GitHub

MessageBird

BIGCOMMERCE

Medium

Benchling

ROBLOX

FACTSET

GRUBHUB

DigitalOcean

samsara

Spotify

YEXT

KELLER WILLIAMS

inVISION