



# Nx Enterprise

PROOF OF VALUE



<b>Introduction to Nx Enterprise</b>	<b>3</b>
<b>Nx Enterprise Proof of Value</b>	<b>3</b>
Hands-on experience with Nx Enterprise	4
Enhancements in Developer Experience	4
Improve CI pipeline speed and reliability	4
Quantify Nx Enterprise's ROI with your data	4
<b>Steps of an Nx Enterprise POV</b>	<b>5</b>
Capture the current state of your CI	6
Set up and configure Nx Cloud	6
Implement optimizations to enhance performance and reliability	6
Measure the improvements and present them	6
<b>Collaboration and Commitment</b>	<b>7</b>

# Introduction to Nx Enterprise

## Nx + Nx Cloud + Partnership with the Nx team

In our years of enterprise consulting, we repeatedly encountered the same critical challenges: development bottlenecks that slowed innovation, fragmented teams, and a paradoxical problem where efforts to scale teams often led to diminishing productivity. Nx emerged directly from these real-world engineering pain points – a build system engineered to solve the most pressing scalability and efficiency problems facing modern development organizations.

Nx Enterprise enhances our core build system by combining advanced CI capabilities with dedicated Developer Productivity Engineers. You'll get the same hands-on expertise we delivered during our consulting days – as we work directly with your team to define the optimal setup, implement proven best practices, and set clear, quantitative goals.

Our approach tackles the core challenge facing engineering teams today: the performance paradox of achieving both speed and scale. We don't just provide a tool; we provide a strategic partnership that helps you accelerate development without compromising code quality or team efficiency.

## Nx Enterprise Proof of Value

Our guided Proof of Value (POV) experience was developed to ensure you get the most out of an Nx Enterprise trial using a structured process: set up Nx Cloud and optimize your CI while quantifying the results.

By the end of the POV process, you will have experienced firsthand the impact Nx Enterprise can deliver for your organization. You'll benefit from tangible improvements to your current system and actionable, real-world data demonstrating the value. If you choose to move forward with our partnership, you'll have already laid a strong foundation for a smooth and successful adoption.

With expert support throughout the process, the POV will enable you to:

- **Gain hands-on experience with Nx Enterprise**
- **Achieve measurable enhancements to your developer experience**
- **Improve CI pipeline speed and reliability**
- **Quantify the value of Nx Enterprise using your data**

## Hands-on experience with Nx Enterprise

A Proof of Value (POV) with Nx Enterprise is designed to immerse your team in its capabilities. With expert guidance from our Developer Productivity Engineers, you will set up Nx Cloud, connect it to your Nx Workspace, and explore all the features of Nx Cloud.

You'll receive detailed insights to resolve bottlenecks, address dependency issues, identify pipeline inefficiencies, and measure improvements in CI times and developer productivity. By the end of the POV, your team will understand how Nx Enterprise fits into your workflows and be well-prepared to use it effectively from day one.

## Enhancements in Developer Experience

Developer Experience (DX) is your development team's overall efficiency, satisfaction, and productivity as they interact with tools, processes, and systems. DX encompasses everything from faster build and test cycles to simplified workflows and enhanced collaboration. Nx Enterprise enables developers to focus on delivering high-quality code with less frustration, boosting productivity and team engagement, ultimately improving your product's time to market while reducing operational costs.

## Improve CI pipeline speed and reliability

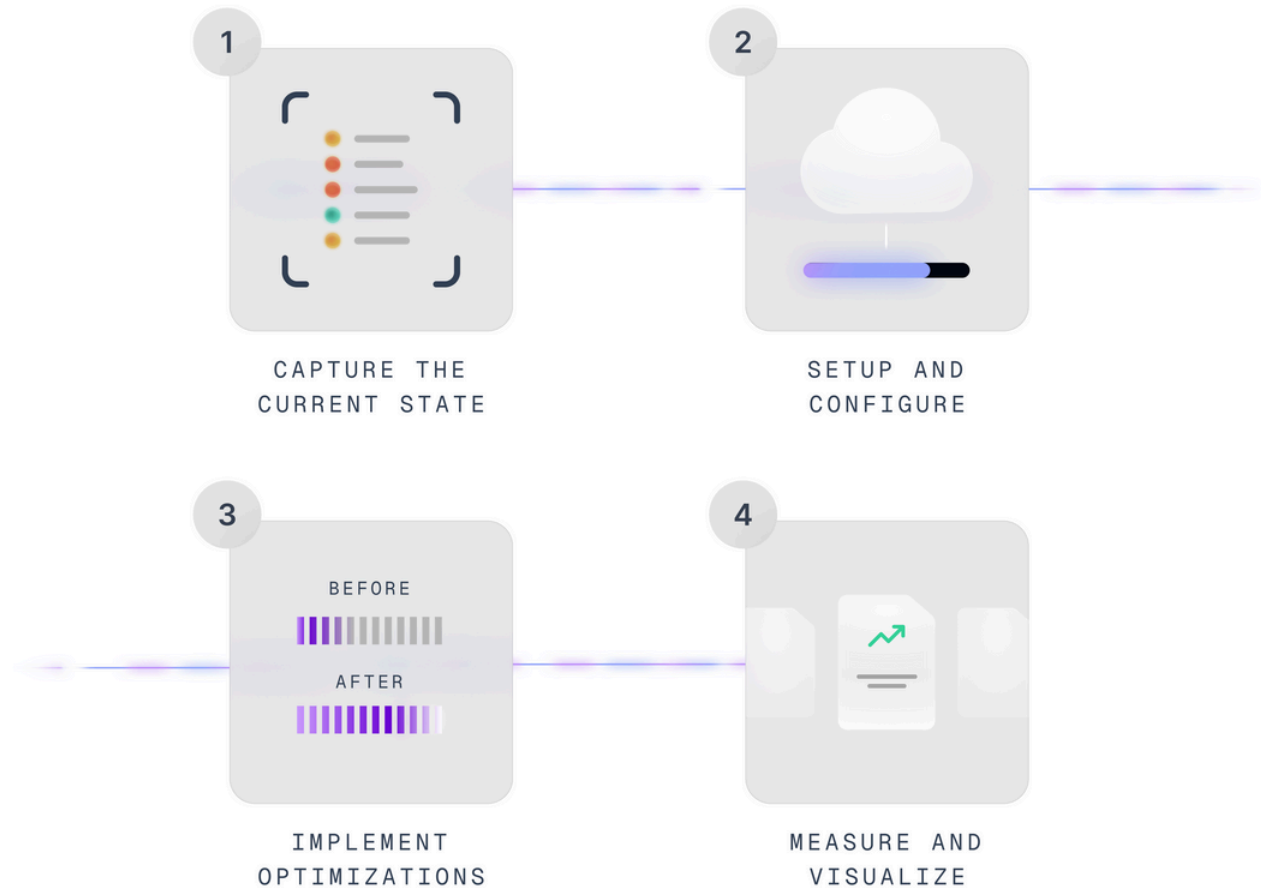
During the POV, you'll implement optimizations such as remote caching, distributed task execution, and flaky test detection, experiencing the improvements firsthand with your workflows. Even if you choose not to move forward with Nx Enterprise, you'll walk away with a CI pipeline that is faster, more reliable and better equipped to support your team's development efforts.

## Quantify Nx Enterprise's ROI with your data

Our straightforward ROI model can translate measured gains into tangible monetary value. This approach enables you to use your actual workspace data to derive productivity improvements and demonstrate the financial benefits Nx Enterprise can bring to your organization. Once the data is captured and the ROI quantified, we'll assist in creating a compelling presentation for your decision-makers, showcasing the value Nx Enterprise can deliver both immediately and in the long term.

# Steps of an Nx Enterprise POV

The evaluation of Nx Enterprise follows a natural progression, with each step building on the results of the previous one:



- 1. Capture the current state of your CI**
- 2. Set up and configure Nx Cloud**
- 3. Implement optimizations to enhance performance and reliability**
- 4. Measure the improvements and present them to decision-makers**

After completing these steps, you'll have the clarity and data to evaluate the value Nx Enterprise can deliver to your team. This evaluation will provide a strong foundation for building a compelling business case to present to your financial decision-makers.

## Capture the current state of your CI

We'll create a plan to measure and record key CI metrics. In a collaborative screen-sharing session, we'll execute the plan and document baseline metrics like build times and pipeline reliability. These metrics will be shared with your team and stakeholders, providing a clear starting point for evaluating improvements. With the baseline established, we'll schedule the Nx Cloud setup session to begin the next phase.

## Set up and configure Nx Cloud

You can deploy Nx Cloud either on-premise within your network or through a cloud provider such as AWS, GCP, or Azure, and we offer managed single-tenant deployments in a region of your choosing so you can be compliant with your company's security and data requirements.

We'll guide you through the various setup options, provide a time-limited POV license with unrestricted access to all Nx Enterprise features, and support you throughout the process to address any challenges that arise. By the end of the setup, you'll have a fully configured Nx Cloud instance ready to support your Proof of Value and serve your needs beyond the evaluation period.

## Implement optimizations to enhance performance and reliability

With Nx Cloud configured, we'll work with your team to implement targeted optimizations that address critical challenges in your CI workflows. These may include enabling Nx Replay (distributed caching) to reduce redundant work, Nx Agents or distributed task execution, enabling Atomizer to automatically break down your e2e tests, fine-tuning dependency management, and improving task execution efficiency.

By focusing on your specific challenges, we'll enhance both the speed and reliability of your builds and pipelines. Each improvement will be tested and validated to ensure measurable impact, setting the stage for significant gains in workflow efficiency.

## Measure the improvements and present them

Once optimizations are implemented, we'll measure the impact using the baseline metrics established earlier. This data will be compiled into a clear, actionable report to share with your team and stakeholders. Finally, we'll assist in presenting the results to decision-makers, highlighting the measurable benefits of Nx Cloud and its potential long-term value for your organization.

# Collaboration and Commitment to Your Success

We aim to ensure your success while using Nx Enterprise to improve your developer experience and productivity. Throughout the entire POV, our Developer Productivity Engineers are here to guide you, answer questions, and help resolve challenges related to Nx, Nx Cloud, CI, and your overall developer experience. We aim to partner closely with your team to deliver impactful results during the POV and in the future.

To facilitate collaboration, we offer direct communication channels for efficient and effective support:

- **A dedicated Slack channel** connects your development team with our expert engineers for quick answers and guidance
- **Video calls with screen sharing allow us to review your results**, address questions, and implement optimizations in real time

If these methods don't align with your company policies, we can adapt to alternative methods like email or audio-only meetings to ensure smooth communication.

**Your participation is key to a successful POV.** We recommend a dedicated engineer who understands your CI and infrastructure to collaborate closely with us. This engineer will engage with us throughout the POV activity, participating in meetings and addressing action items to ensure the POV process delivers maximum value for your team. Most of this time will be spent implementing real improvements, ensuring your team benefits directly from the POV experience.