

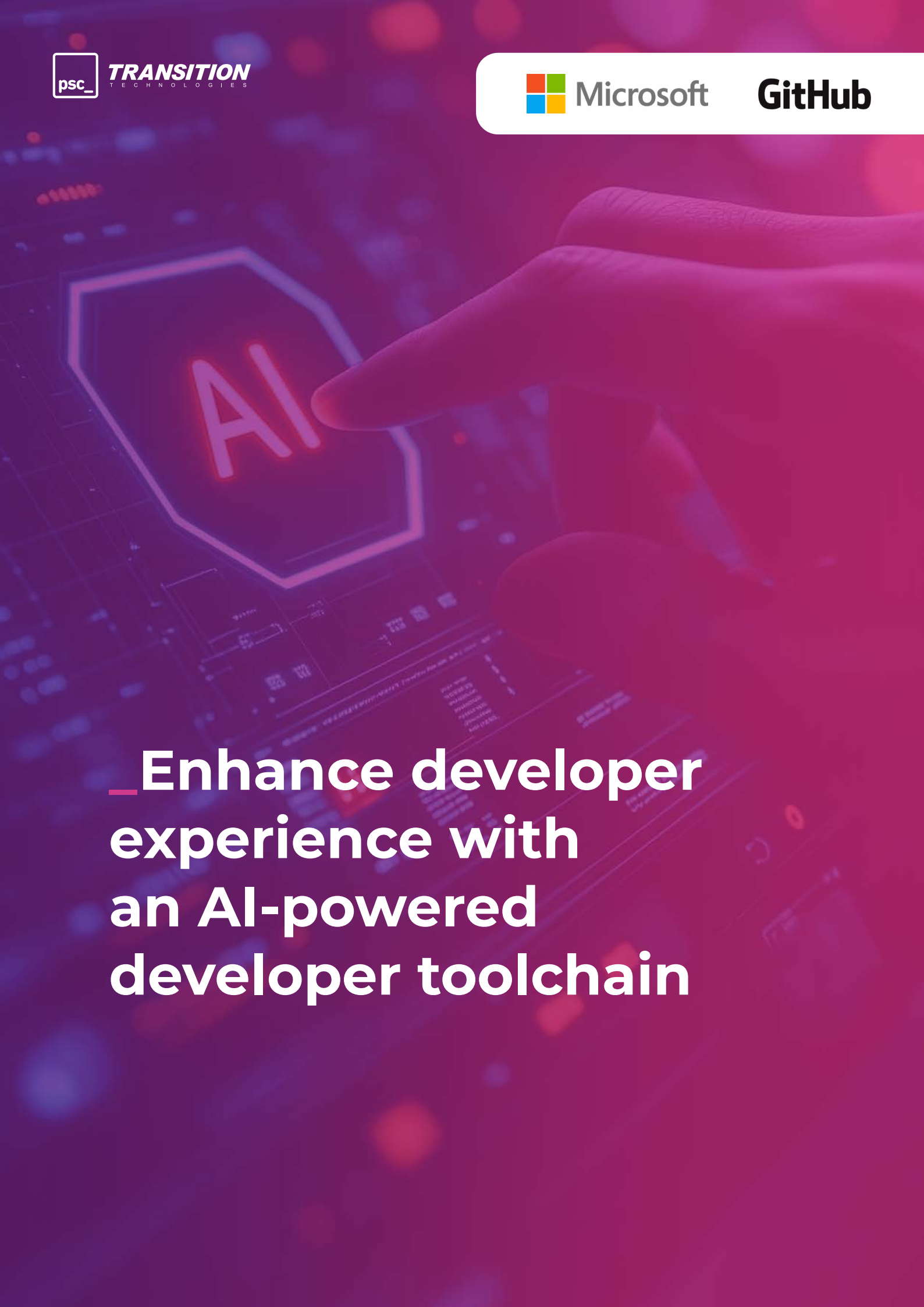


TRANSITION
TECHNOLOGIES



Microsoft

GitHub

The background of the slide is a dark, abstract image with a purple and blue color scheme. It features a hand pointing at a glowing "AI" logo inside a hexagon, with various digital and code-like elements scattered around.

**Enhance developer
experience with
an AI-powered
developer toolchain**

Introduction

To build high-performing developer teams, it's critical to optimize their experience with the right tools for the right outcomes. Essential solutions to enhance developer productivity, satisfaction, and efficiency include platform engineering, AI-assisted development tools, and streamlined security. These elements are crucial for improving the developer experience and driving innovation.

Top must-haves for outstanding developer teams:



Platform engineering

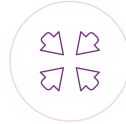


AI-assisted development tools



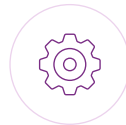
Secure development

An opportunity to address key pain points impacting developers:



Complexity

Developers must learn new languages, frameworks, and cloud platforms.



Productivity

More than 75%¹ of a developer's time is dedicated to non-coding tasks.



Security

As many as 58% of security and development teams do not collaborate.²

Optimize the developer experience

Dev compute



Dev Box
(w/ Visual
Studio)

DevOps



GitHub

App templates and delivery tools



Azure



Security



GitHub Copilot

Enhance your development productivity with AI-powered code suggestions, helping developers write code faster and more efficiently.

GitHub Enterprise Cloud

Empower your organization with advanced collaboration and security features, designed for large-scale teams and enterprises.

Azure DevOps

Streamline your software development lifecycle with integrated tools for planning, developing, testing, and delivering applications.

GitHub Actions

Automate your workflows with CI/CD capabilities directly in your GitHub repository, enhancing both speed and reliability of deployments.

Microsoft Dev Box

Provide your developers with secure, ready-to-code, cloud-based workstations.

GitHub Advanced Security

Protect your code with advanced security features, offering robust protection for both private and public repositories.

¹ [Why you should invest in good Developer Experience today – Thoughtworks United States](#)

² [Stack Overflow Developer Survey 2022](#)

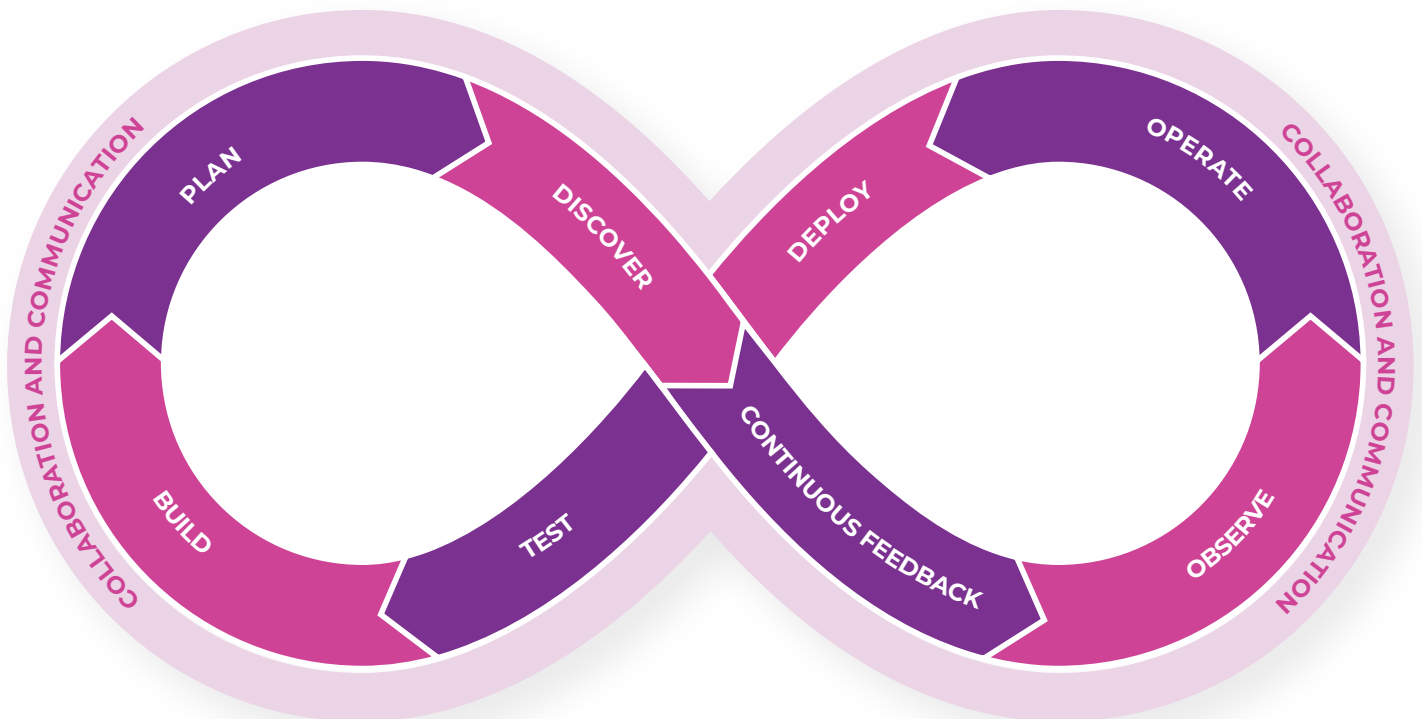
Empowering DevOps at scale with platform engineering



Platform engineering supports DevOps at scale by **enabling the entire lifecycle of software development and operations.**

Start right templates and shift-left notifications

Stay right guidance, governance, and policy enforcement



CI/CD with GitHub Actions and Azure Pipelines

Automate workflows for greater efficiency in app deployment.



The developer solutions at Microsoft provide a comprehensive platform engineering framework, empowering teams to build, deploy, and manage software applications at scale while maintaining high standards of quality and reliability.



Self-service development environments

Use Microsoft Dev Box to preconfigure workstations with tools and code repositories for specific projects, enabling faster developer onboarding and centralized management.



Centralized governance

Manage infrastructure templates and ensure security and compliance with platform engineering best practices.



Reimagine the developer experience with AI

Unlock the full potential of AI-powered development across every phase of the software development lifecycle:

1

Transform developer workflows

Accelerate coding with GitHub Copilot by automating repetitive tasks such as writing comments and generating documentation.

2

Boost productivity

Generate accurate code snippets up to 55%³ faster, allowing developers to focus on higher-level problem-solving.

3

Tailored for your team

GitHub Copilot enables personalized workflows by leveraging your organization's unique codebase, fostering seamless collaboration. Up to 94%⁴ of GitHub Copilot users report better maintenance of flow state.

Generative AI is quickly amplifying the benefits of DevEx-boosting developer happiness, fulfillment, and flow. Its rapid adoption by developers and businesses is driving better business outcomes, including increased profitability.

Unlock a complete toolchain with TT PSC

By optimizing workflows with platform engineering, reimagining the developer experience with AI, and enabling secure and responsible deployment, you unlock a complete toolchain. Equip your developers with a comprehensive, integrated toolchain that optimizes their experience.



Discovery workshop

Free assessment

We audit your current infrastructure landscape, availability, performance, support and maintenance, and propose possible migration scenarios.



Strategy

Cloud workshop

Our experts conduct a cloud workshop which will show you how your company will benefit from migrating to the GitHub, develop your SDLC strategy and teach you how to use key GitHub services.



Unified, complete toolchain

The Microsoft end-to-end toolchain (Azure, GitHub, VS Code) simplifies development from ideation to deployment.



Eliminate tech debt

The cost savings and efficiency gains from reducing context switching and consolidating tools.



Improved time-to-value

Leverage a unified toolchain to increase productivity and innovation, as developers who have time for deep work feel 50%⁵ more productive.

³ [Research: quantifying GitHub Copilot's impact on developer productivity and happiness – The GitHub Blog](#)

⁴ [GitHub Copilot Enterprise is now generally available – The GitHub Blog](#)

⁵ [Quantifying the impact of developer experience – Microsoft Azure Blog](#)

Enable secure and responsible deployment

Enhance security by writing more secure code, quickly addressing vulnerabilities in the software supply chain, and adopting responsible AI practices to build trust.

By integrating automated security into the developer workflow, developers receive continuous security feedback. This shift-left approach reduces long lists of vulnerabilities, preventing alert fatigue, and speeds up the development process.



Found means fixed

Integrate security early in the development process with real-time vulnerability detection, enabling developers to fix up to 48% of issues⁶ immediately. GitHub Advanced Security provides AI-generated fix suggestions for security alerts in natural language, accelerating vulnerability prevention down to just 28 minutes.⁷



Comprehensive protection

Strengthen code security with secret scanning, dependency reviews, and AI-generated code fixes for end-to-end security.



Responsible AI

Implement best practices for AI development that prioritize fairness, transparency, and accountability.



⁶ [GitHub – Enterprise Application Security](#)

⁷ [Found means fixed: Secure code more than three times faster with Copilot Autofix – The GitHub Blog](#)

GitHub CSP Program with TT PSC



With GitHub we will improve:

- 1 Collaboration**
Seamless tools that allow collaboration to happen effortlessly boarding training by 80%.
- 2 Productivity**
Taking care of routine administration and speeding up day-to-day work.
- 3 Security**
Traceability with rich data visibility and identity control with Enterprise Managed Users.

Managed Service

- Advanced Security
- Copilot Extensions
- Security AI Agents (GHAS)
- Service Manager (SM)
- 1st line Service Desk Agents
- Knowledge Manager (KM)
- Service Desk Expert / Service Desk controller (SDE/SDC)
- Single point of contact for users

X Pilot Teams

Enterprise Add Ons

- Advisory Services
- Fundamental Trainings
- Azure Specialist
- Establishing Expert activities



- Modernization activities in packages (H/M)
- Incident Management and Support (On Call)
- Tiers: 8/5, 11/5, 16/5, 24/5
- Hotfix with RCA

X Pilot Teams

Custom

- X hours of Advisory Services
- Architecture Design
- Technology Selection
- Cost Optimization



- Cloud Infrastructure setup
- High Availability and Disaster Recovery
- Observability
- App Containerization

Landing Zone – App Innovation

- Landing zones provides a **cost-effective** solution for companies looking to move to the cloud, as they provide a **secure and efficient** foundation for cloud environment.
- Azure landing zone environments following **key design principles** across design areas.
- Deliver at **any stage** of migration, Modernization.
- Managed Service **included**.
- Improved Security insure that your cloud environment **will be secure from the get-go**.



Cloud services



Networking



Management



Identity management



Governance



Security



Microsoft
Azure



GitHub



Hybrid

We will support you



Reimagine the developer experience

Accelerate the developer experience by harnessing the capabilities of AI-assisted development at every stage of the software development lifecycle.



Optimize workflows with platform engineering

Become AI-ready faster and future-proof your business by reimagining your entire application estate for AI and continuous innovation.



Enable secure and responsible deployment

Accelerate AI app production with lower operational costs using Azure, the global enterprise-ready platform with built-in security and dev-friendly functionality.

When the complete toolchain comes together, your customers will be able to achieve their goals faster and easier than ever before. Use the tools from Microsoft and GitHub for an optimized developer experience.

Take the next step to improve your developer experience by optimizing your developer workflows. Contact us to explore a velocity assessment or schedule an envisioning workshop tailored to your organization.

GitHub Verified Partner



**Contact us
for more details**

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