

Developer Velocity

Empower developers to be more agile, innovative, and productive



Innovation drives business results. Companies who build with the latest software development tools and techniques, manage their technology initiatives across functional teams, and create an agile environment achieve higher developer velocity and, ultimately, experience improved performance and market leadership.

What is Developer Velocity?

It's really about removing traditional barriers — such as legacy technology, outdated methodologies, and manual processes — that slow development teams down and hinder innovation. Modernizing is key. Once armed with automated tools, agile best practices, and a collaborative culture, your developers now have the time and inspiration to build new features that directly improve business outcomes — and deliver them faster.



The Value

- Modernize, automate, and speed development
- Remove barriers that hinder development and innovation
- Minimize risk of adopting new features and functionality
- Enhance collaboration and teamwork



The Proof

- Unleashes the potential of software development teams
- Ties development to improved performance
- Extends the value of software investments
- Helps demonstrate IT ROI



The Outcome

- Enhanced revenue, growth, and customer experience
- Sharpened competitive edge and innovative advantage
- Faster turnaround and time to market
- Improved developer retention and satisfaction

Accelerate Innovation

As part of your implementation, we offer various developer velocity assessments, workshops, and mentorship designed to:

- Arm development teams with modern, cloud-based technology and tools such as Azure DevOps, GitHub Enterprise, and Power Platform that automate processes and speed time to market
- Provide a supportive development environment that removes friction and risk and encourages collaboration and innovation
- Establish agile management and methodologies that nurture creativity and experimentation and fuel excellence
- Baseline and establish KPIs to discover and demonstrate incremental improvement in your innovation journey

Our Solutions

Increasing developer velocity also means a shift in mindset that can be hard to achieve without help. At Hitachi Solutions, we don't just practice developer velocity, we share it with our clients. With every project, we follow modern development, security, operations, and data best practices to ensure on-time, on-budget delivery.

Scenario 1: Update Tools and Technology

A national retailer is looking to streamline its web presence and build a new website for its customers. Existing legacy technology — not built to be automated — creates operational friction that slows down development and innovation.

Looking to increase developer velocity, the retailer decides to equip developers with a rich toolset and updated software architecture. As a result, the development team is able to see results sooner, iterate faster, and deploy working features more often.

- Legacy technology and processes no longer monopolize development resources
- Automating manual software development tasks with Azure DevOps Pipelines or GitHub Actions allows developers to be more efficient and effective
- New technology (data architecture, public cloud adoption) and tools (planning tools, DevOps tools, low- or no-code tools) accelerate developer velocity

Scenario 2: Transform Cultural Mindset

A reputable fintech firm wants to combine cloud capabilities with its brand recognition to create lasting impact for customers. But, in an industry not known for software innovation, it's hard to change mindset and embedded cultural norms.

The firm needs to redefine structural beliefs that financial software development can lead to real innovation. By leveraging Microsoft Azure to create a development ecosystem, the firm enables banks and financial services institutions to implement new product innovations in a secure and stable environment.

- Investment in software development provides real value for customers and the company
- Modern technologies, methodologies, and best practices help to better manage product lifecycles

Scenario 3: Enable the Organization

An automotive parts manufacturer has creative people in all its business units, and wants to give those employees an opportunity to add lasting value. Pent-up demand for something that enables organizational innovation limits ROI solely to IT's contributions.

Creating cross-functional developer teams and improving developer culture with increased collaboration and knowledge sharing allows employees to tackle smaller issues that, when added up across the organization, make a visible difference in the manufacturer's ability to innovate.

- Increasing the speed and unleashing the full potential of development talent demonstrates those employees' value and enhances ROI
- Shifting the burden off IT alone gives developers more time to create new functionality that drives revenue, growth, and better user and customer experience

Did You Know



"Companies with a high developer velocity index (DVI) outperform others in compound annual growth (CAGR) by up to 5 to 1."

— [McKinsey & Company](#)

The Opportunities



Competitive Edge

Gain a leg up on the competition and learn to innovate faster and more frequently

Quality Development

Increasing developer velocity increases software development effectiveness and ROI

New Products

Enable faster turnaround time and time to market for new or improved products and features

Top Notch Tech

We use best-in-class technology and tools that increase developer velocity (Microsoft Azure, GitHub, Power Platform, and more)

Reduce Risk

Minimize the risk of adopting new functionality and apps while developing software that delivers stronger business outcomes

Access to Resources

Our team is experienced, certified, and skilled — providing you with instant access to a vast and knowledgeable network of resources

Why Hitachi Solutions


We have been implementing data and business system modernization solutions for two decades and bring our experience and expertise to every project. The Hitachi Solutions difference includes:

- Developing a long-term, strategic partnership with the customer leadership and project team to drive growth through, and with, your people
- Talking the talk and walking the walk — embedding innovation, collaboration, and agile principles in everything we do
- Transferring valuable knowledge and advice to customers, to increase internal change management capabilities and competencies for future projects
- Having deep technical and functional knowledge and industry expertise and maintaining a strong, strategic relationship with Microsoft

**Ready to accelerate
developer velocity in
your organization?**

*Contact Hitachi Solutions
to learn more.*

Get started today!

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