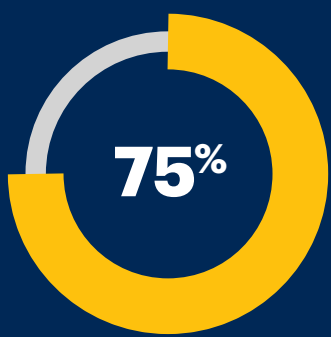


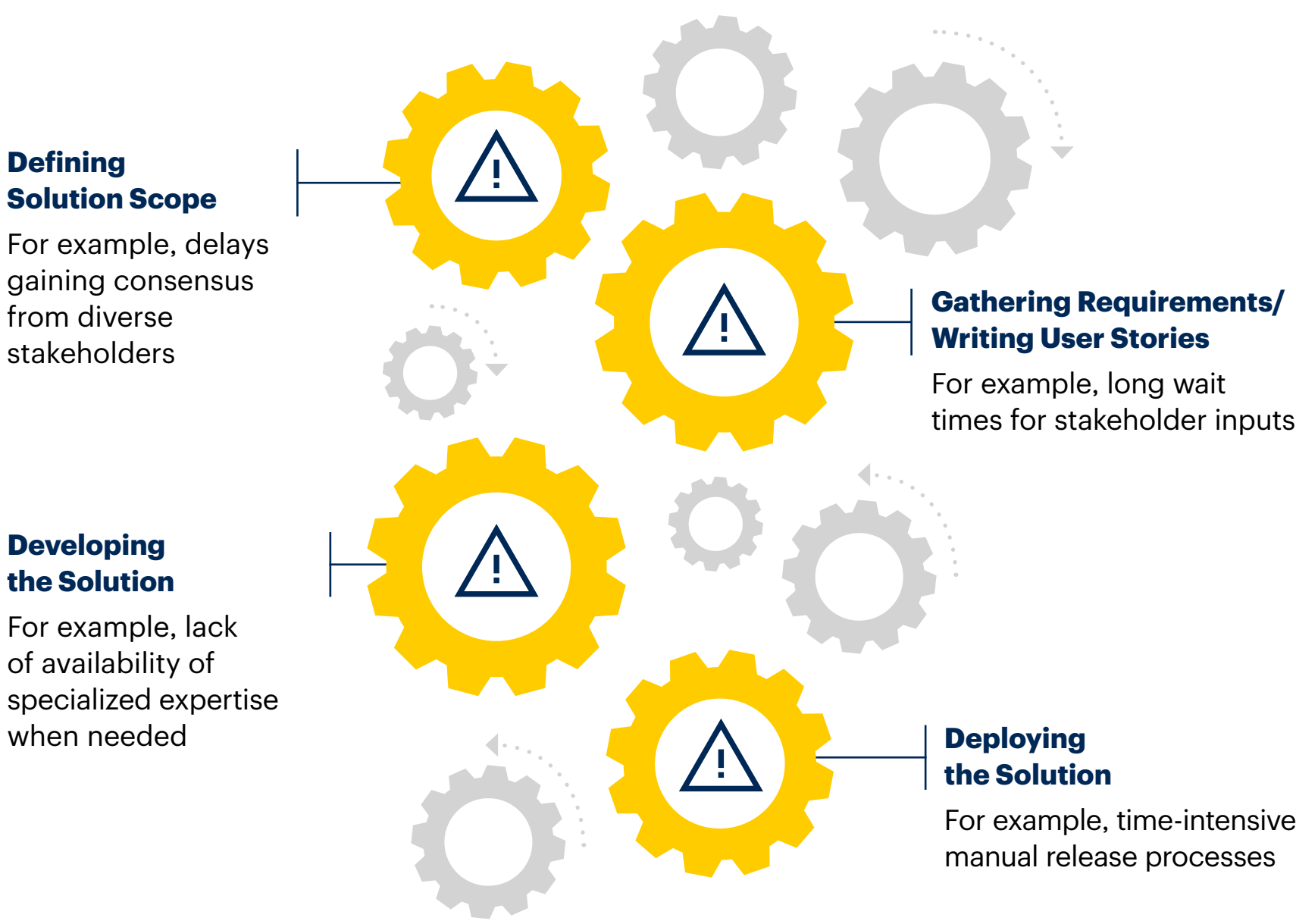
Reduce Software Engineering Friction by Minimizing Dependencies

Friction makes it difficult for software engineering teams to meet business expectations for speed and responsiveness. This infographic provides insight into the leading cause of friction and how software engineering leaders can address it.

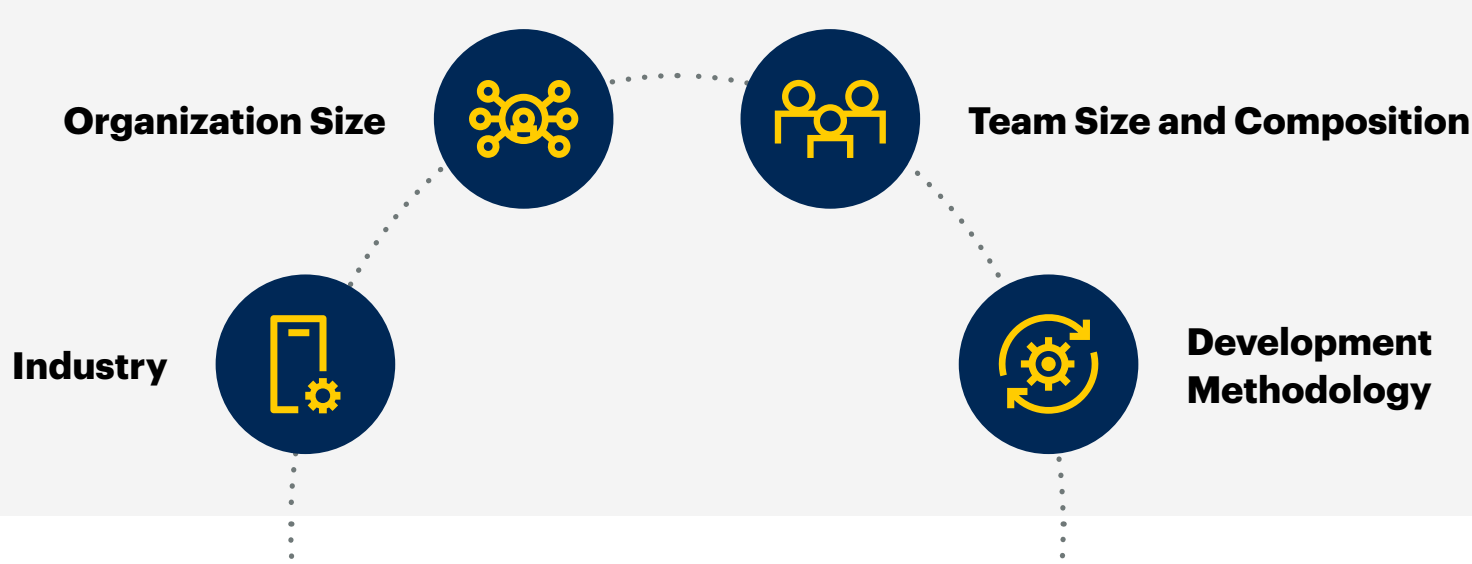


of software engineering teams experience moderate to high friction, defined as the unnecessary time and effort they must exert to achieve their objectives.

High levels of friction are found in common development activities



Software engineering teams experience friction regardless of their ...

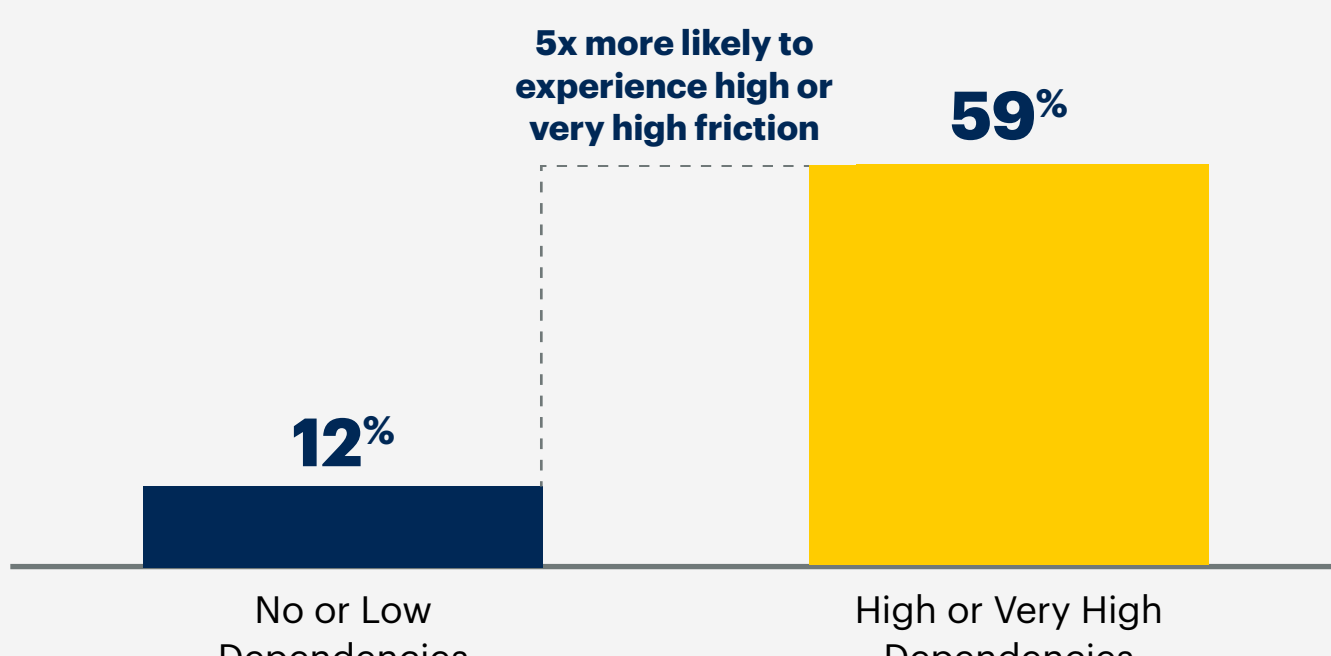


The most significant source of software engineering friction is dependencies

Dependencies are caused when software engineering teams ...

- Are required to hand off work
- Rely on other roles and teams to get work done
- Depend on shared technologies to achieve their objectives

Teams with high dependencies are significantly more likely to experience friction than teams with low dependencies



Strategies to Reduce Software Engineering Friction

<p>Structure Teams to Minimize Dependencies</p> <p>Structure teams wherever possible to ensure they have access to the systems and resources they need to complete their day-to-day work.</p> <p>Learn more: Ignition Guide to Creating a Flexible Resource Allocation Plan for Product Management Teams</p>	<p>Lessen the Burden of Dependency Management</p> <p>Minimize the burden of dependency management on teams by establishing roles or teams dedicated to managing and coordinating dependencies.</p> <p>Learn more: Accelerated Product Team Delivery Through Strategic Dependency Management (Ford)</p>	<p>Use Tools and Automation to Reduce Friction</p> <p>Leverage tools and automation to reduce manual effort, streamline processes, and facilitate collaboration between teams.</p> <p>Learn more: Manage the DevOps Toolchain as a Product (LexisNexis)</p>
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n = 328 software engineering team members
Source: Gartner

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