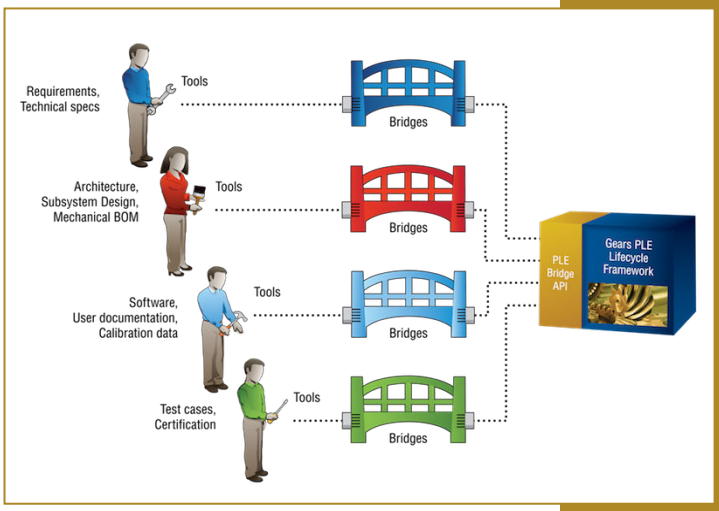
BigLever Software Integration Solution for Intland codebeamer

BigLever's industry-standard Gears Product Line Engineering (PLE) Lifecycle Framework™ enables the integration of tools, assets and processes across the entire systems and software development lifecycle – from requirements to design, implementation, testing, maintenance and evolution.

BigLever provides enhanced integration solutions that utilize Gears concepts and constructs to extend third party tools and ensure consistent PLE capabilities directly from the framework. BigLever's Bridge solutions make third party tools "product line aware" by incorporating standardized variation point mechanisms and enabling the execution of PLE operations – such as product configuration, variation point editing and variation impact analysis – directly with third party tools.



BigLever offers the following Bridge solution for codebeamer tools:

Intland codebeamer/BigLever Gears Bridge™: Enables engineering organizations to utilize codebeamer requirements as shared assets within their Gears production lines, and Gears PLE constructs as first-class systems and software engineering mechanisms for managing product line diversity in codeBeamer requirements.

The Bridge allows users to:

- Use PLE mechanisms to manage the diversity for a full product line in a single, consolidated "superset" of requirements, as a highly scalable alternative to cloned copies.
- Automatically configure codebeamer requirements for different products by making feature choices in a Gears feature profile.
- Convert codebeamer requirements into Gears variation points to encapsulate the PLE diversity for requirements.
- Use one or more *codebeamer trackers* in a larger collection of shared assets across the full engineering lifecycle for a product line portfolio.
- Perform integrated PLE operations – such as product configuration, variation point editing and variation impact analysis – directly with codebeamer.

THE PLE ECOSYSTEM AND BIGLEVER BRIDGE SOLUTIONS

The Product Line Engineering (PLE) Ecosystem is an open community of world-class tool providers – including developers of commercial, open source, customized, integrated or proprietary Application Lifecycle Management (ALM) and Product Lifecycle Management (PLM) tools – established for the benefit of engineering organizations seeking consistent, compatible, fully unified PLE solutions.

BigLever's Gears PLE Lifecycle Framework provides the technology foundation for the ecosystem. Gears delivers the PLE Bridge API, enabling tool makers to create bridges for connecting their tools directly with the framework.

BigLever offers built-in and Bridge integration solutions for engineering tools and integrated development environments across the full lifecycle:

- Requirements Engineering
- Modeling and Design
- Software Development
- Test Case Engineering
- Slideshow Development
- Spreadsheet Development
- Document Engineering
- Configuration Management
- Build Management

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