

Achieve business excellence

with Product Quality solutions.

How can Product Quality solutions enhance your business operations and foster sustained growth?

By implementing rigorous testing methodologies such as functional testing, automation testing, and performance testing, you can detect and resolve issues early in the development cycle. This approach not only reduces costs associated with post-release fixes but also enhances customer satisfaction by delivering robust and reliable solutions.

Ultimately, prioritizing quality enables you to enhance reliability, reduce costs, and accelerate time-to-market, therefore fostering sustained growth and competitiveness in your industry.

Understanding the importance of Product Quality

Product Quality

Product Quality services guarantee the highest standards for your solutions, with precision, reliability, and excellence. Elevate your quality solutions in every stage of the development cycle. Provide confidence, mitigate business risks, improve time to market supported by test automation, and deliver a good application for user experience with the best performance.

FUNCTIONAL TESTING

Ensures software meets specific requirements and enhances the overall quality by detecting defects early, thereby reducing costs.

It helps businesses boost customer satisfaction by verifying all features work as intended, mitigates risks and ensures regulatory compliance.

- Mobile testing and cross-browser
- Regression testing
- Test results and reporting for decision making

AUTOMATION TESTING

Increases testing efficiency and accuracy through automated test execution, reduces human errors and saves time.

It helps businesses minimize repetitive manual efforts by allowing test scripts reusability, enhancing test coverage, and providing reliable test results.

- Automated end-to-end and API testing
- Automated regression testing
- Web and mobile automation

PERFORMANCE TESTING

Ensures software applications meet performance criteria such as speed, scalability, and stability under various conditions.

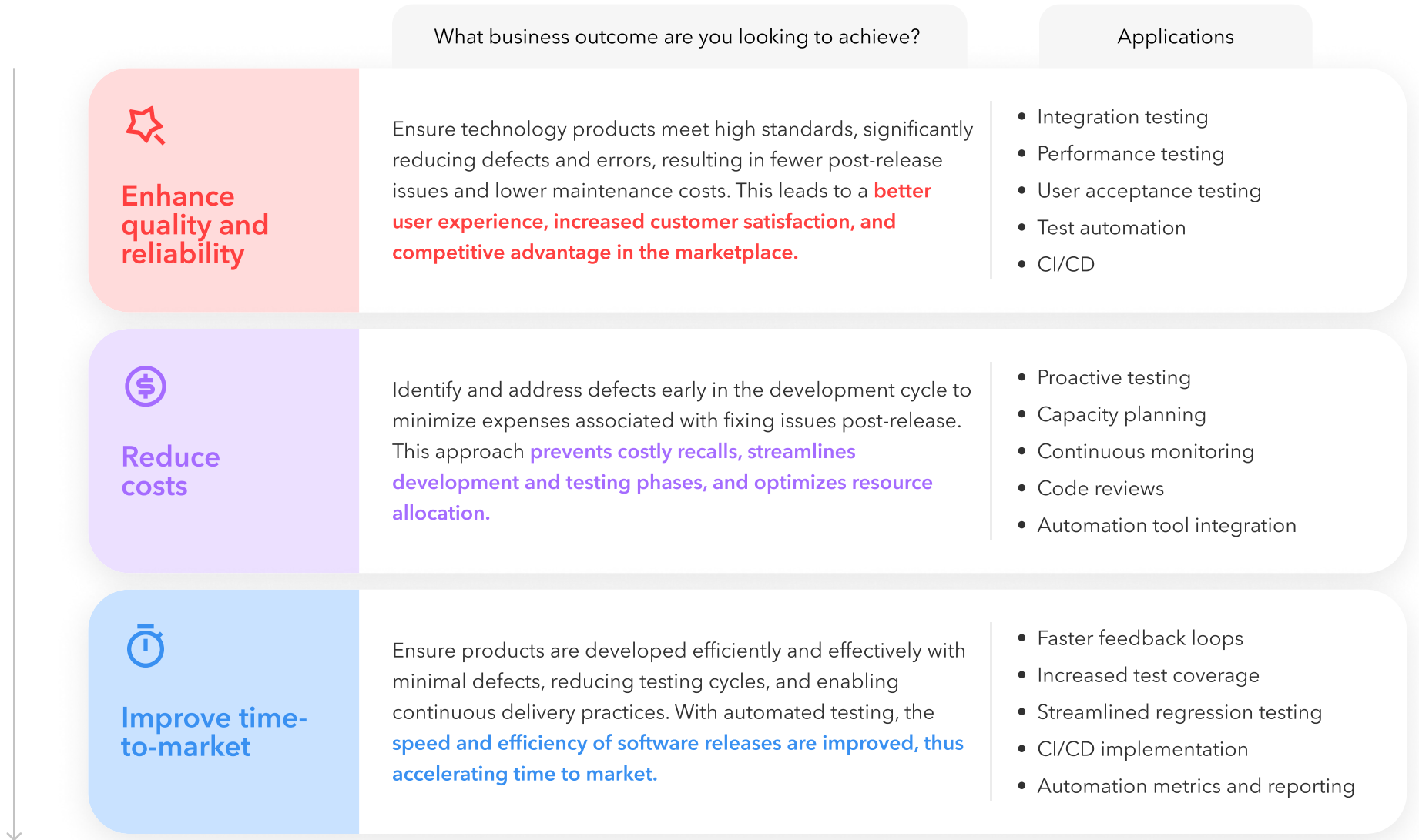
It helps businesses identify bottlenecks, verify the application can handle expected traffic, and detect issues early in the development process.

- Load and stress testing
- Scalability testing
- Capacity testing

BENEFITS

- Enhance customer experience
- Mitigate risks and reduce costs
- Improve time-to-market
- Optimize resource utilization
- Improve reliability and stability





Driving business results through Product Quality



Enhancing Quality across industries

From Retail to BFSI, Travel and Hospitality to Manufacturing, industries are undergoing a significant transformation in quality standards and operational excellence. By emphasizing quality across diverse sectors, businesses are redefining traditional practices, ensuring exceptional product and service delivery, and setting new industry benchmarks. This dedication to quality fosters innovation, boosts customer satisfaction, and drives businesses towards long-term success and growth.


Let's explore the diverse applications of these strategies across industries:

	Enhance quality and reliability Product Quality use cases	Reduce costs Product Quality use cases	Improve time-to-market Product Quality use cases
 Retail	<ul style="list-style-type: none"> • App platform • Point of Sale (POS) system • In-line quality inspection 	<ul style="list-style-type: none"> • Inventory management system • Supply chain management • Quality process automation 	<ul style="list-style-type: none"> • Testing software releases • Website performance • Product design quality
 BFSI	<ul style="list-style-type: none"> • Omnichannel consistency • Customized recommendations • Quality audits 	<ul style="list-style-type: none"> • Automated testing • Self-service portals • Quality process automation 	<ul style="list-style-type: none"> • Security automated testing • App performance • Product design quality
 Travel & Hospitality	<ul style="list-style-type: none"> • Website and mobile app testing • Booking system reliability • Systems automation testing 	<ul style="list-style-type: none"> • Automated testing • Inventory management optimization • Quality process automation 	<ul style="list-style-type: none"> • Continuous improvements • App performance • Mobile app optimization
 Sports & Entertainment	<ul style="list-style-type: none"> • Apps and platforms performance • Live broadcast quality • Video game and simulation testing 	<ul style="list-style-type: none"> • Automated testing for apps • Event management system • Stadium maintenance testing 	<ul style="list-style-type: none"> • Streaming platforms • Real-time events updates • Live events website performance
 Manufacturing	<ul style="list-style-type: none"> • Incoming material inspection • Monitor product quality • Quality audits 	<ul style="list-style-type: none"> • Defects preventive measures • Automated systems inspection • In-process quality control 	<ul style="list-style-type: none"> • Design quality processes • Accelerated product testing • Delays reduction









Product Quality maturity journey



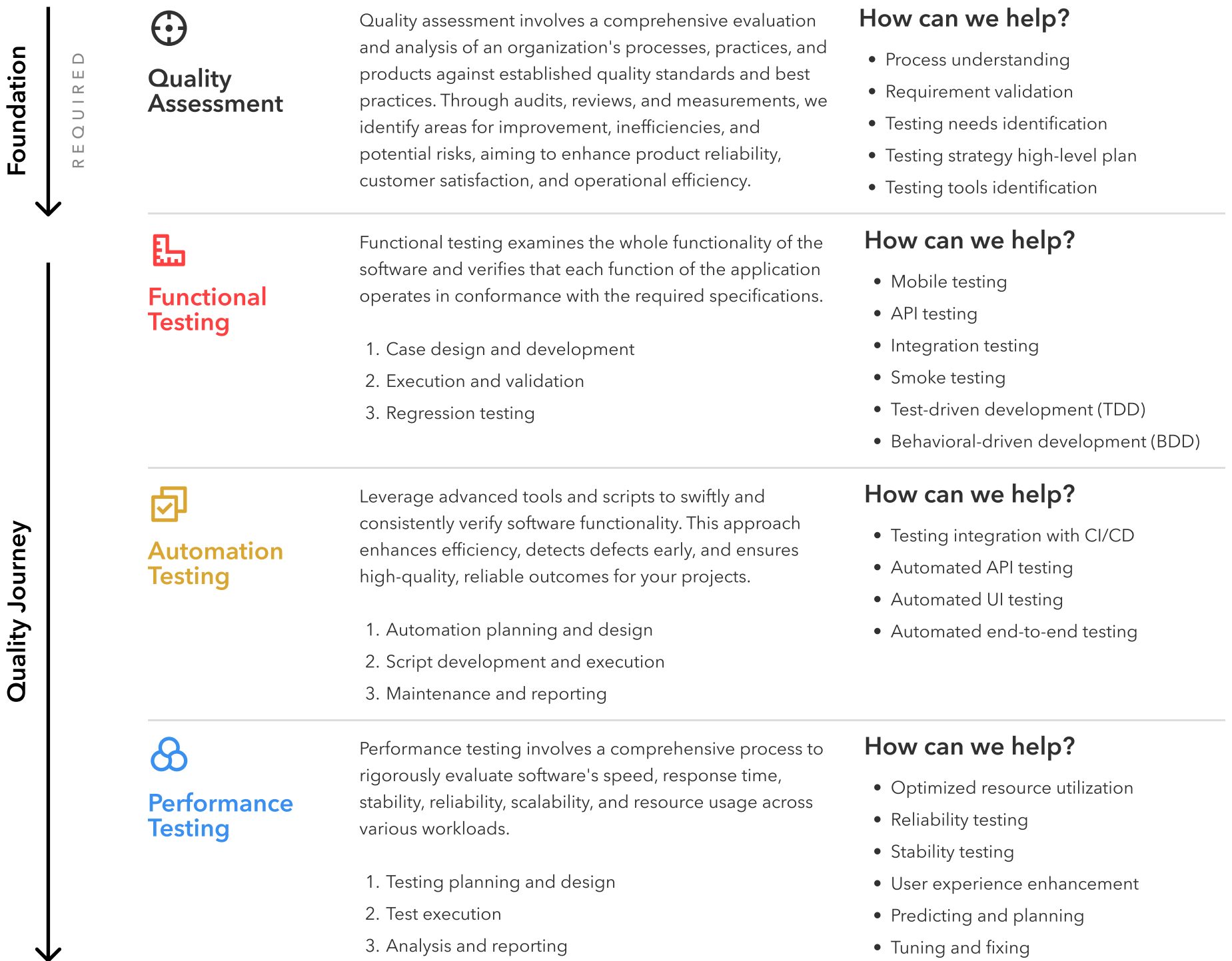
Foundation

 <p>Required</p>	<p>Structured evaluation of quality processes and practices based on the Test Maturity Model integration (TMMi) framework.</p>
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Quality Journey

 <p>Followers</p>	 <p>Initial</p>	<p>Undefined testing processes done in an ad hoc way after coding is completed.</p>	<p>Testing objective is to show that software runs without failures.</p>
	 <p>Managed</p>	<p>Managed testing processes established with requirements separated from debugging.</p>	<p>Testing objective is to verify compliance with requirements.</p>
 <p>Challengers</p>	 <p>Defined</p>	<p>Standardized testing processes fully integrated into the development lifecycle.</p>	<p>Process and procedures are consistent across projects, tailored from the organization's standard processes.</p>
	 <p>Measured</p>	<p>Defined and measured testing processes with programs that evaluate the process quality.</p>	<p>Evaluation process is defined by quality needs, attributes, and metrics. Reviews and inspections are part of the process and used to measure product quality.</p>
 <p>Industry leaders</p>	 <p>Optimizing</p>	<p>Defined and measured testing processes supported by an organizational structure quality control process area.</p>	<p>Testing methods and techniques are constantly optimized with a focus on process improvement.</p>

Partnering with Applaudo to ensure Product Quality



Our Product Quality domain experts

Quality Architect

Designs and implements strategies to ensure the quality of software products. This involves creating and overseeing testing processes, quality assurance measures, and ensuring the software meets predefined standards. Collaborates with the development and operations teams to embed quality practices across all stages of development.

Performance Engineer

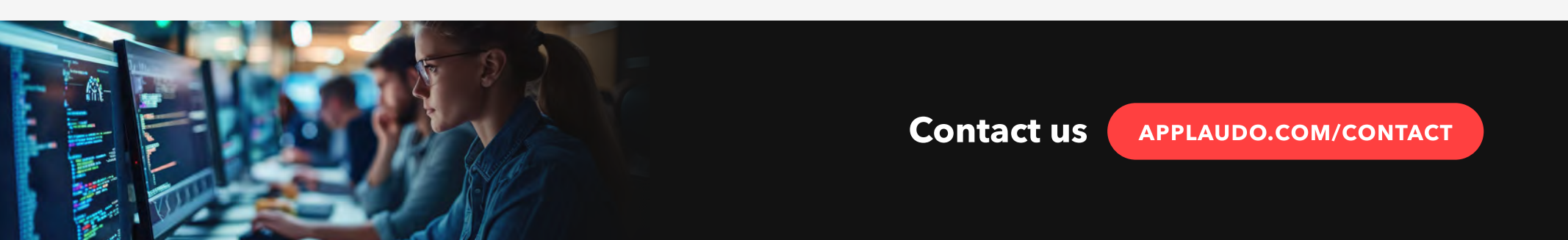
Ensures that the software applications meet performance benchmarks such as speed, scalability, and stability. This involves designing and conducting performance tests and endurance testing to identify and address bottlenecks. Collaborates with development, quality, and operations teams to establish performance criteria and analyze system behavior.

Automation Engineer

Designs, develops, and maintains automated testing solutions for software applications. This involves the creation of automated tests, functionality, performance, and reliability of software applications. Collaborates with development and quality teams to identify test requirements and ensure a seamless execution of tests throughout the development lifecycle.

Quality Engineer

Evaluates and ensures the quality of software applications. This involves the design, development, and execution of functional tests to validate each feature and functionality of the software. Collaborates with product managers, developers, and quality teams to understand requirements, identify test scenarios, and ensure comprehensive test coverage.



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