

**ASCENDION**

# Quality Engineering

Make Your Software ... Really Boring

Quality Engineering ensures software innovation that isn't frustrating (or catastrophic)

# Quality Engineering Delivers Code You Can Trust

Any technology leader who has lived through the adventure of new software knows the stress that comes with it. It doesn't have to be that way.

Quality Engineering is often thought of as a minor annoyance at the *end* of the development journey, but without it, your bank trading floor re-boots in the middle of the day, your reservation system leaves thousands stranded, your new game ends up in a landfill, your power grid fails.

Software engineering done right avoids problems and unintended consequences, leaving technology leaders with a launch day as it should be—the most boring day of the year!

Quality Engineering helps overcome obstacles—complex legacy systems, outdated technology tools, fragmented systems, poor knowledge management, skill gaps—to achieve this high-water mark.

Ascendion recognizes that Quality Engineering is not a task, but a new way of digital engineering that is platform-enhanced and orchestrated along the entire development life cycle. We boldly imagine a quality of experience for your customers, business users, and alliance partners.

Ascendion's culture of excellence delivers reliable software at scale with lower effort, improved/optimized costs, greater transparency, and a more modern business—with IT leaders sleeping well through the night.

Reduce Quality Engineering costs by as much as 40%



# Ascendion's Quality Engineering solutions deliver impacts such as:

15%

reduction  
in testing cycle  
time

40%

cost savings

300%

higher  
productivity in  
automated test  
creation

Trending  
down

year-over-  
year of defect  
slippage

## Additional benefits include:

Leverage Ascendion's proprietary Quality Engineering accelerators that enable a holistic outcome without unintended consequences.

Enhance your in-house skill sets with Ascendion's Quality Engineering Academy to re-skill and up-skill existing teams.

Use the Ascendion Innovation Lab to customize and create intellectual property, owned and executed by your enterprise.

Become a learning organization by building a Quality Engineering knowledge repository for future growth.

## Quality Engineering Ensures That Your Software Transforms Business

Ascendion's Quality Engineering solves the problems facing testing operations: unpredictability, lower productivity without automation, pesky bugs, incomplete test coverage, inadequate test data, and more.

We significantly improve digital engineering and business outcomes by performing an overhaul starting with due diligence, followed by a quick assessment, transitions, operations and, lastly, transformation to reach quality objectives.

SECURITY TESTING

APPLICATION TESTING

ACCESSIBILITY TESTING

PRODUCT TESTING

# Automation 360

As software becomes more and more the source of competitive differentiation, businesses must fundamentally transform how they build and test applications with quality, speed, and scale. Ascendion Automation 360 provides an all-around, universal approach by using high-degree automation throughout the full life cycle. This enables IT organizations to move away from the test function as an independent, manual process.

Ascendion AVA Intelligent Test Automation is an AI-based, low-code test automation suite that accelerates testing of API, web, mobile, and desktop applications.

Agile testing sets up a multilayered test automation strategy covering various application technologies across web, mobile, desktop, gaming, and AR/VR.

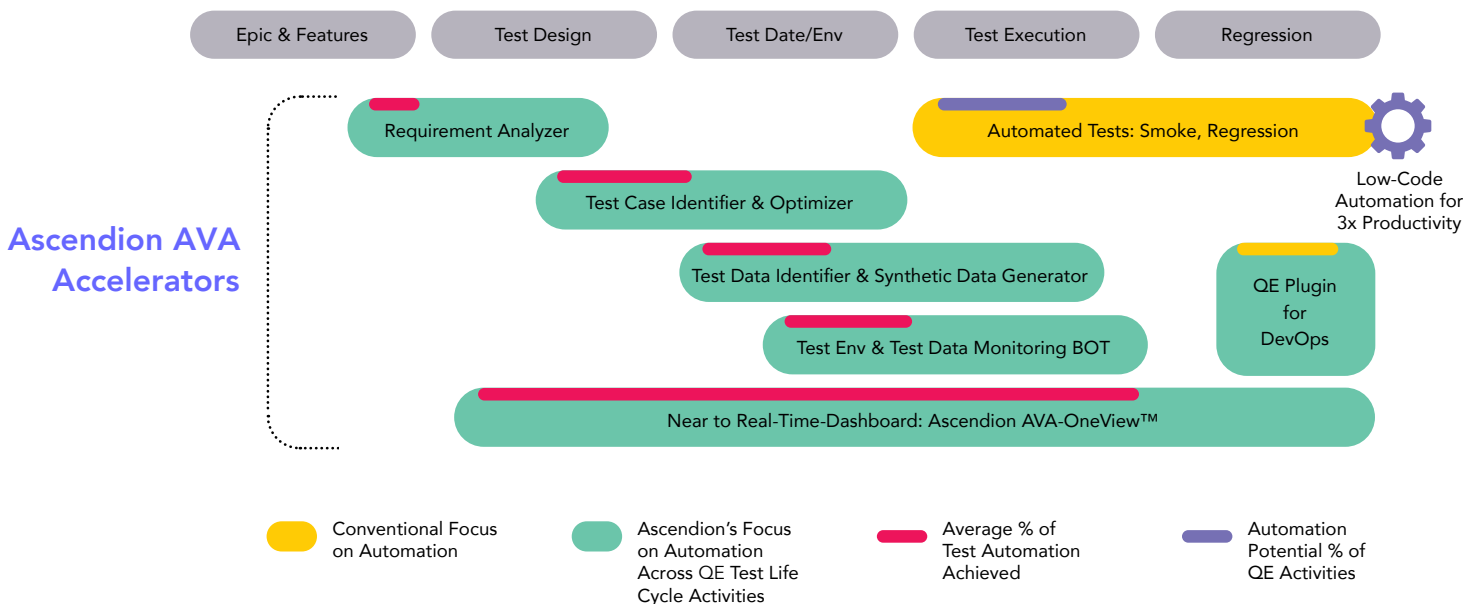
Our AI and analytics-based approach to Quality Engineering brings speed, quality, and productivity.

## End-to-End Business Assurance

For organizations with complex IT landscapes, Ascendion's end-to-end business assurance testing ensures that system behaviors will meet the expectations of business operations for each new business need implemented in the IT system.

The quality of IT programs suffers due to fragmented tests with multiple streams of testing. The lack of orchestration for end-to-end quality results in finding defects late in the release cycle, causing delays and budget overrun.

Ascendion's Quality Engineering consultants are like black belts in automation with deep expertise in delivering complex IT quality assurance programs, along with having Lean Six Sigma certification.



# The Ascendion Advantage

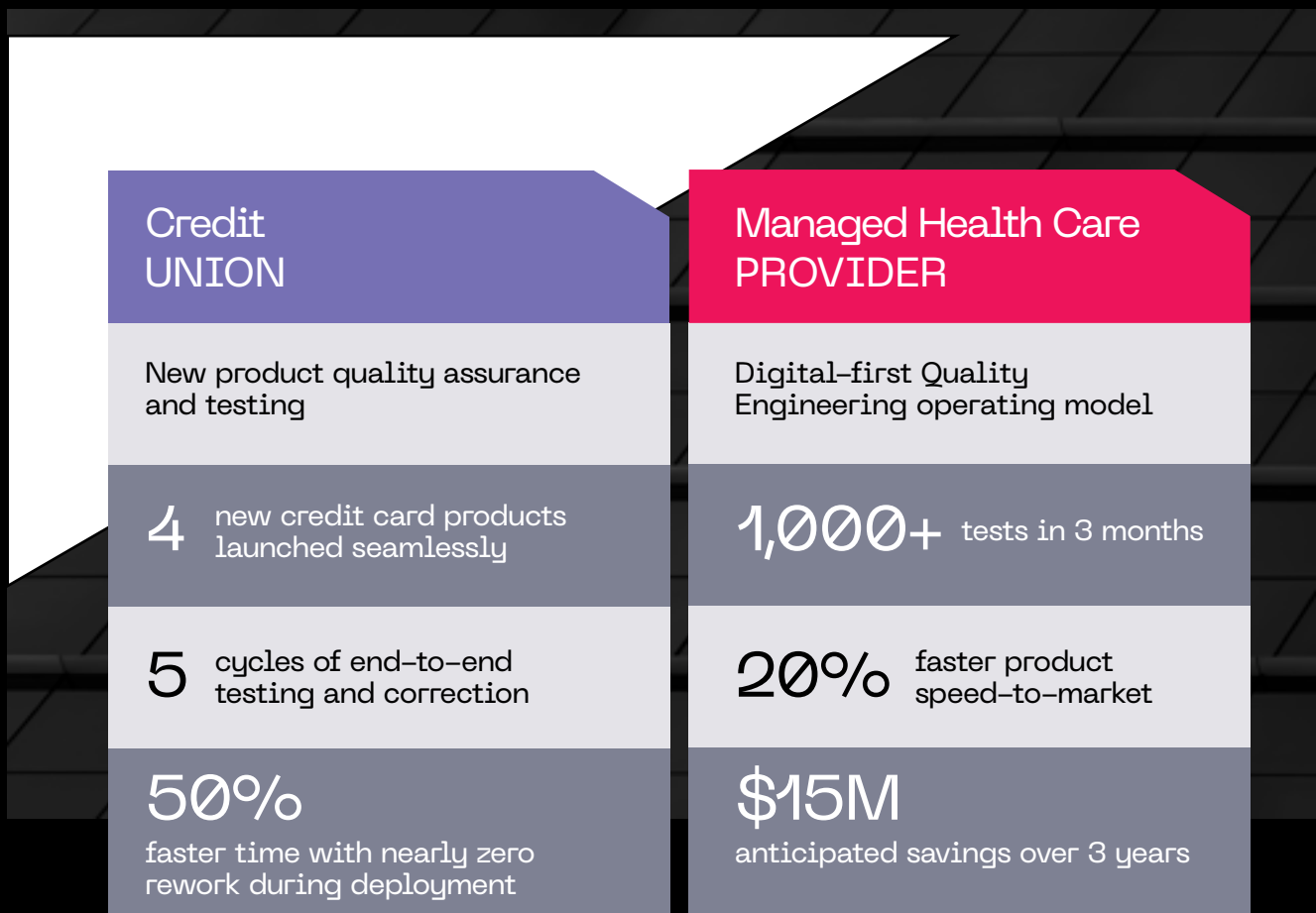
Quality Engineering allows us to co-engineer with clients to solve small problems before they get bigger. Quality Engineering allows us to deliver software products and platforms faster, better, and at scale.

We tap multi-skilled, full-stack quality engineers who are responsible for the full spectrum of tests both on-premise and in the cloud. This approach consolidates previously disparate project roles and lessens the drag and delay of hand-over, coordination, and issue resolutions.

Underpinning our Quality Engineering approach is Ascendion AVA, an intelligent digital engineering platform that accelerates software engineering processes and improves overall quality and transparency, by using AI/ML and automation.

Clients gain deeper level insights from real time key performance indicators on the system engineering activities via Ascendion AVA-OneView. This solution allows engineering teams to monitor and measure the status and quality of user stories, sprint velocity, defect density, code quality, build quality, mean time to change, mean time to repair, and more.

## Ensuring Quality Business Outcomes



# How Can We Help?

When software engineering is performed correctly, it avoids issues and unintended consequences, so technology leaders have a “launch day” that is smooth sailing!

With Ascendion’s Quality Engineering, we can fix the troublesome issues that testing operations face (unpredictability, flawed test data, irritating bugs, and much more.). We deliver truly dependable software at scale, accompanied by a myriad of benefits so your IT leaders can have a peaceful night's sleep.

We’re doing this for some of the top companies in the world, and we’d love to also help you.

This introductory overview is—we hope—the beginning of the conversation, and we look forward to sharing more soon!

## ASCENDION

### ABOUT ASCENDION

Ascendion is an ally for clients seeking enterprise digital innovation. We make and manage software platforms and products that power growth and deliver captivating experiences. By embracing the future of work, we bring creativity and execution excellence together to make digital innovation valuable (and even fun). Our engineering, cloud, data, experience design, and talent orchestration capabilities accelerate transformation for Global 2000 clients. Ascendion is headquartered in New Jersey. In addition to our remote/hybrid workforce, we have 20 offices across the U.S., India, and Mexico. We are committed to building technology that elevates life with an inclusive workforce, service to our communities, and a vibrant culture. For more information, please go to [www.ascendion.com](http://www.ascendion.com).

