

# Elevate your Industry with Axivion

## Tailored solutions for every sector

Axivion Suite offers specific software quality assurance solutions across several industries. Our expertise and cutting-edge technologies empower organizations to achieve outstanding software quality, compliance, and reliability.



# Tailored Solutions for Every Sector

Elevate your industry with Axivion.

Each industry comes with its own requirements and challenges. But when it comes to software, all industries expect high quality code, compliance with guidelines and standards, reliability, and maintainability to ensure flawless performance throughout the product's life-cycle.

Our tools are the right fit - for any industry.

## Aerospace

Aiming high with changes without compromising on safety.

The aerospace industry has changed in the past few decades. While software has been present in the cockpit for quite a while, today's world uses real-time data and operates unmanned aircrafts and drones. But even the tiniest adjustment must not compromise safety or reliability. Axivion's solutions adhere to strict industry safety protocols, such as DO-330, ensuring uniformity and accurate implementation.

Axivion Static Code Analysis and Architecture Verification are in line with quality standards that exceed legal requirements. By removing manual verification of code compliance, the aviation industry is moving forward thanks to Axivion's market-leading automated software solutions.



# Automation

Unnecessary downtime of systems due to software failure can be avoided.

Axivion helps companies in the automation industry overcome unique sector challenges, such as stringent regulatory requirements and obstacles to seamlessly integrating software and hardware solutions.

We offer uniquely tailored solutions to address these challenges by providing comprehensive code analysis and compliance verification tools. With our tools, businesses can automate code analysis, ensure regulatory compliance, and optimize system performance. This allows automation companies to confidently deliver end users outstanding, innovative, and highly reliable solutions.



# Automotive

Strict Requirements for Automotive Software Engineering Call for Reliable Checks.

In automotive software development, Axivion addresses challenges such as safety-critical requirements and complex system architectures with tailored industry-compliant solutions.

Our tools are ideal for streamlining development processes, improving code quality, and, most importantly, enhancing software reliability. They assist automotive manufacturers in delivering cutting-edge technological solutions for vehicles that comply with industry standards, such as ISO 26262.

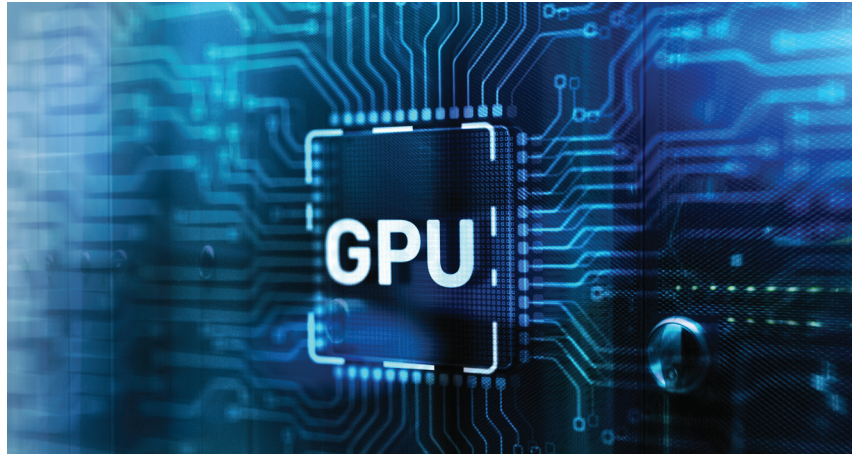


## Embedded

Seamless integration of software ensures the embedded applications work as intended.

Developing embedded systems presents serious challenges, such as resource constraints and real-time performance issues. Axivion tackles these obstacles head-on, offering advanced static code analysis tools that optimize the reliability and efficiency of the application's base code.

Our market-leading specific embedded solutions comply with industry standards, such as MISRA and AUTOSAR, while streamlining development workflows and delivering high-quality embedded software solutions.



## Medical

Saving lives with medical software devices needs compliance with some of the strictest standards.

Reliability, efficiency, and safety are critical in the medical industry. All software solutions must comply with strict regulatory standards, such as IEC 62304, with patient safety considerations driving development efforts.

Axivion's outstanding features address these challenges and provide architecture verification and comprehensive code analysis, which can be customized to the individual medical device manufacturer's needs.

Our industry-leading static code analysis tools help identify potential risks and ensure compliance with industry standards by streamlining compliance processes and offering actionable insights into the quality of the code.



# Key features

The key features of Axivion that work across all industry sectors include:

## Architecture Verification:

Our architecture verification tool allows organizations to assess the design of their software applications. By analyzing architectural flaws, dependencies, and violations of design principles, Axivion helps companies adhere to architectural best practices that can enhance a system's reliability and scalability.

## Static Code Analysis:

Our static code analysis tool checks software code without executing it. This process uncovers potential defects and identifies vulnerability points and any violations of coding standards.

Pinpointing issues early in the development process allows organizations to address them proactively and reduce the risk of costly errors.

## Regulatory Compliance:

Our solutions help businesses meet industry standards and regulations with their software applications.

By providing automatic checks and mechanisms to verify code and software architecture, we help simplify the compliance process for the most common industry standards, allowing businesses to meet specific regulatory requirements.



# Benefits of Axivion

Our software quality assurance solutions offer outstanding benefits across several industry sectors. The main benefits to organizations are:

- Automated quality assurance, which reduces defects, code footprint, and dependency on individuals
- Holistic and comprehensive analysis for increased productivity and ROI by saving time, money, and resources
- Fully customizable and easy to integrate into existing development environments
- Follows industry-leading safety & security standards to ensure code is compliant
- On-time delivery of feature releases of your software thanks to risk mitigation

Our superb combination of features and benefits enables organizations to easily fulfill their software development potential and achieve their software QA goals. Whether your company aims to improve software quality, enhance compliance, accelerate your product's time-to-market, or find cost savings, contact us today to see how we can help you achieve your software development potential.

## Contact us

Whether you have question, would like to request a demo or are interested in evaluating our tools in your own development environment - let us know.

Our team of experts will be happy to help.



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