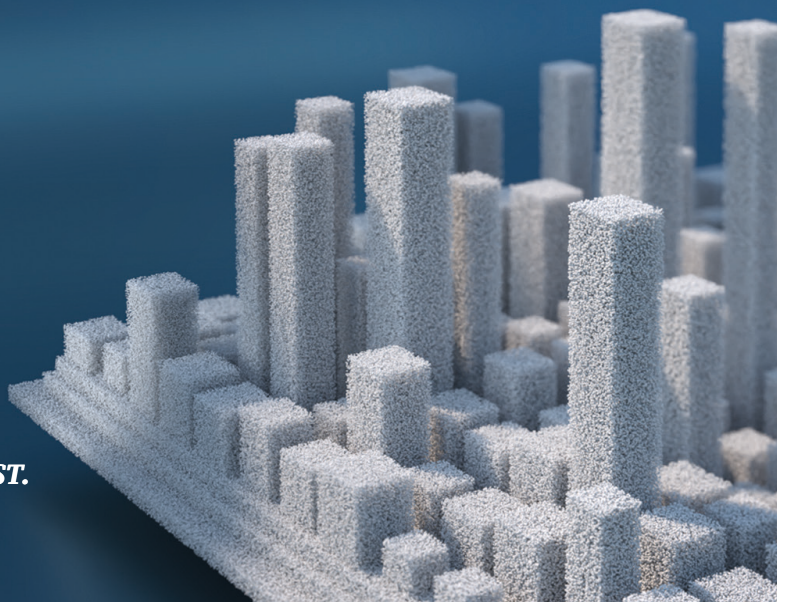




The truth is in the source code

– REVEALING RISKS, ENSURING TRUST.



In today's digital economy, software is more than just infrastructure — it's the engine behind innovation, growth, and competitive advantage. But beneath the surface of even the most well-functioning systems, hidden risks can silently accumulate. These blind spots, including malicious security vulnerabilities, if left undetected, can lead to failed projects, missed deadlines, and spiraling costs.

Bitsea is your trusted expert in identifying and eliminating those risks — before they impact your business.

We go beyond traditional code reviews. Bitsea specializes in high-impact software architecture audits that reveal what others overlook. Whether you're preparing for a strategic acquisition, undergoing internal audits, or simply aiming to strengthen your development process, our advanced audit technology provides the technical due diligence you need to help identify and mitigate potential risks.

Bitsea Software Quality Analysis — Revolutionize Your Software Development Life Cycle

Software is the lifeblood of modern business. Efficiency, high quality and security are essential attributes. In today's fast-paced market, undetected risks in software systems can cause projects to fail, delay market launches and drive up costs.

What makes Bitsea unique?

⦿ **Revolutionary visualizations**

Our intuitive 2D and 3D visualizations make complex software architectures easy to understand. Dependencies, inefficiencies, and performance bottlenecks are visible at a glance. Gain a crystal-clear view of your software's strengths and weaknesses.

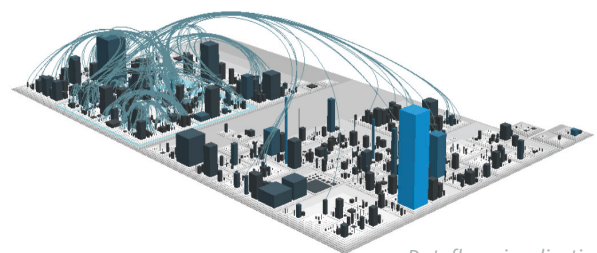
⦿ **Comprehensive catalog of recommendations**

Weaknesses cannot be eliminated overnight. Bitsea provides detailed reports, identifies "antipatterns" (violations of proven design patterns) and gives you clear, step-by-step optimization recommendations. Prioritized action plans enable quick wins and sustainable improvements.

A variety of factors such as time pressure, lack of resources and poor code quality are creating ever-increasing "technical debt." Recent studies indicate that the cost of eliminating technical debt often amounts to more than 70% of the total project cost.

Bitsea — Your partner for outstanding software

Bitsea offers a groundbreaking approach to software quality analysis that makes complex systems easy to understand. Our innovative solutions provide unparalleled transparency and help you identify hidden risks, improve code quality, and optimize your software for long-term success.



Dataflow visualization

⦿ **Maintainability analysis**

With standardized assessments according to ISO 25010, we offer independent audits that enable reproducible comparisons and deep insights into technical debt. In this way, we help to improve maintainability step by step and significantly reduce maintenance costs.

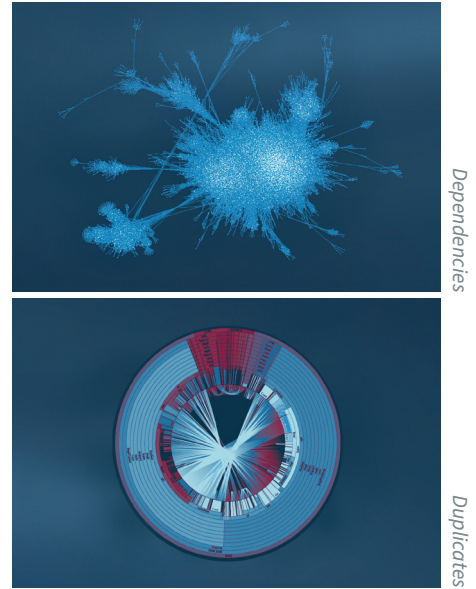
⦿ **Advice from experienced experts**

Our team of highly qualified developers and architects has analyzed and optimized over 100 million lines of code across Fortune 500 companies worldwide. Trust in Bitsea's independent and objective advice to make your software future-proof and secure.

Your benefits with Bitsea

- **Transparency:** Achieve a 100% clear view of your software systems.
- **Maintainability roadmap:** Together, we create the basis for long-term maintainability.
- **Cost savings:** Reduce total cost of ownership by up to 50%.
- **Efficiency gains:** Shorten development times and reduce error rates by up to 95%.

Don't let hidden risks slow down your business innovation. With Bitsea, you gain the insights, methods and expertise to realize the full potential of your software systems. We help you build a future-proof, maintainable code base that drives your business forward.



Top-level management report

Easy-to-understand 2D/3D images and diagrams show hidden risks and rate them.



Recommendations

Concrete, realizable optimization suggestions.



Automation

Continuous monitoring enables early detection of anomalies and ensures proactive maintainability.



Consultancy

Bitsea provides independent and comprehensive advice on software quality, maintainability and development.



Sustainable software

Long-lasting, energy-efficient and resource-saving — thanks to clear, reusable, future-oriented architectures.

Bitsea.

The smart way forward.

About Bitsea

Bitsea is a leading provider of software audits and sustainable security, risk, and compliance management for your software systems. For more than a decade, well-known companies in the automotive, telecommunications, financial services, logistics, and aerospace industries have relied on Bitsea's expertise — whether it be technical due diligence in the context of M&A activities or in promoting digital transformation.

As an active member of OpenChain, Bitsea combines innovative solutions with partner-based collaboration to support organizations around the globe in the secure integration and use of open source technologies.

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