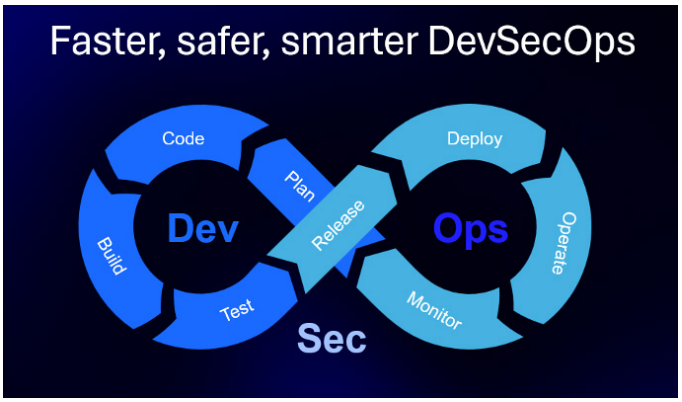
Securing the future of banking with DevSecOps

Banks are embracing faster, safer, and smarter software delivery with OpenText

From person-to-person payments to ATMs, loan applications, and AI-enhanced investment portfolios, the future of banking is increasingly digital—and 78 percent of consumers prefer it that way.[1] However, as digital threats to the financial services industry rapidly evolve, integrating security into the DevOps process is essential for survival and success.

DevSecOps is projected to reach a market size of $58.32 billion by 2031.[2] Fifty-seven percent of organizations are implementing it now, with a staggering 72 percent focusing on securing business-critical apps.[3] This isn't a trend; it's a transformation.

Tackle your digital transformation with confidence



A visualization of the continuous flow of DevSecOps, a holistic approach where security isn't an afterthought, but an integral part of every step.

Banks and financial institutions must meet users' needs and outpace the competition with reliable, secure applications. The solution is to ensure security is deeply embedded within every phase of the software delivery lifecycle. It's a fundamental shift in mindset, where security becomes everyone's responsibility and is embedded in every decision and every line of code.

The DevSecOps methodology is a lifecycle of continuous improvement that makes your software application delivery process robust and resilient. Integration doesn't end with development and operations but extends through planning, coding, building, testing, releasing, deploying, operating, and monitoring—each stage fortified by security.

With DevSecOps, speed doesn't compromise safety, innovation doesn't invite risk, and your software isn't just delivered faster but delivered right.

However, many DevSecOps teams encounter the following challenges:

- **Legacy systems:** Integrating DevSecOps practices with older technologies and core banking applications can be complex, requiring specialized solutions and careful migration strategies.
- **Regulatory compliance:** Maintaining continuous compliance with evolving financial regulations (e.g., PCI DSS, GDPR, SOX) while accelerating development cycles requires robust security and audit capabilities.
- **Security culture:** Fostering a security-conscious culture within development teams—ensuring their understanding of secure coding practices and DevSecOps principles—is crucial for successful implementation.
- **AI integration:** Effectively leveraging AI in DevSecOps requires addressing challenges such as data security, bias detection, model explainability, and responsible use of AI in financial decision-making.

1 Forbes Advisor, *U.S. Consumer Banking Statistics 2024*

2 Verified Market Research, *Global DevSecOps Market Size By Component (Software, Service), By Deployment (On-Premise, Cloud), By Organization (Small and Medium Enterprise, Large Enterprise), By End-User Industry (BFSI, IT and Telecommunication), By Geographic Scope And Forecast*, 2024

3 Informa Tech, *How Enterprises Secure Their Applications*, 2024

Elevate banking with DevSecOps

Banks face increasing pressure to innovate quickly while safeguarding sensitive customer data and financial transactions. To overcome these challenges and harness the full potential of DevSecOps, banks need a safe, reliable way to update legacy systems and integrate new technologies, like AI, while remaining secure and compliant. Many look to implement an end-to-end platform that integrates security into every stage of the software development lifecycle.

Automate software delivery from start to finish in a single, unified platform

OpenText provides such a platform, unifying development, testing, security, and operations capabilities. OpenText™ Core Software Delivery Platform seamlessly integrates with powerful tools like OpenText™ Core Application Security, OpenText™ DevOps Aviator for AI-powered orchestration and automation, and OpenText™ Functional Testing and OpenText™ Core Performance Engineering for comprehensive testing.

This combination of a unified platform and integrated solutions—including OpenText™ Core Software Delivery Platform, OpenText Core Application Security, and OpenText™ IT Operations Cloud—redefines how development, security, and operations teams collaborate to build and deploy secure applications. AI capabilities embedded within the OpenText Core Software Delivery Platform automate workflows, accelerate delivery, and provide real-time vulnerability detection. Developers are empowered to proactively address vulnerabilities, and security is embedded in every step, from code creation to production monitoring.

How does OpenText help banks flourish with next-gen DevSecOps?

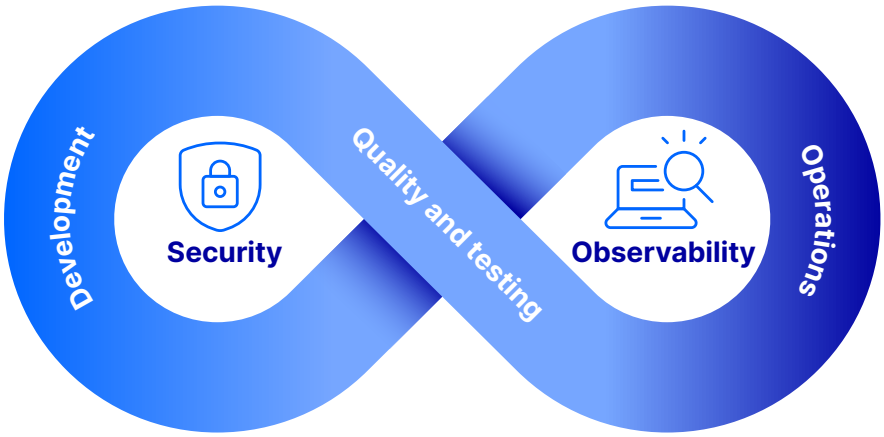
1. Leverage AI insights and automation to find and fix issues proactively, speeding time to value. AI dashboards display data, predict outcomes, and monitor your system's health in real time. optimizing efficiency, security, and uptime of banking services.
2. Rapidly deploy new financial apps and services to stay competitive while ensuring peak performance amid high transaction volumes.
3. Implement DevSecOps best practices, including rigorous testing and embedded security, to identify and mitigate risks and prevent failures in areas like customer data protection and fraud prevention. OpenText's platform continuously assesses vulnerabilities, learns from security incidents, and makes recommendations to adapt to new threats.
4. Ensure continuous compliance with evolving regulations through automated audits and policy enforcement.
5. Optimize essential processes by streamlining workflows, refining code for secure online transactions, and boosting performance metrics for high-volume payment processing.
6. Automate tasks ranging from code analysis and security testing to compliance checks, reducing errors and enhancing efficiency.

OpenText™ Core Software Delivery Platform

- Get visibility across the SDLC
- Accelerate value delivery to the business
- Elevate the developer experience

OpenText™ IT Operations Cloud

- Observability across apps, clouds, and networks
- Advanced ITSM at a lower TCO
- Smarter cloud cost optimization



OpenText™ Core Application Security

- Elevate software supply chain security
- Streamline code analysis
- Ensure secure APIs

Resources

YouTube video:
Unlock next-level DevOps with next generation AI ›

Customer video:
Pick n Pay gains end to end visibility for processes within their stores ›

Demo video:
Harness the power of a single application for your DevSecOps ›

Interactive Tour:
OpenText DevOps Aviator ›

Website:
OpenText Core Software Delivery Platform ›

OpenText IT Operations CloudOpenText Core Application Security ›

With OpenText DevSecOps, teams can:

- **Rapidly respond to vulnerabilities, reducing delays and potential exploits.**
- **Proactively track issues with AI-powered insights, highlighting security trends and process bottlenecks.**
- **Integrate security seamlessly within the DevOps pipeline, educating developers on secure coding and best practices in real time.**
- **Accelerate and secure deployments while maintaining governance and security policies.**

Welcome to the future of secure software

This is the future of how business will operate—integrating development and security to build safer, more robust systems. Development and security are not separate disciplines. Seamless integration is crucial. The digital threats facing financial services institutions demand a strategy where security is inherent, not an afterthought.

The future of business demands agility and ironclad security. By choosing OpenText, you're not just adapting to the new standards of business, you're setting them.

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