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From 18 hours to 2:
Modernizing Legacy Systems for Unlocked Efficiency

Brillio transformed the ecosystem of a global tech powerhouse with robust DevSecOps for Salesforce, increasing efficiency by up to 89%

With a history of over 26 years, operating in over 100 countries and serving billions of users, this company is a global technology leader. It has evolved into a diversified technology powerhouse, offering a wide range of products and services. Headquartered in California, the company offers products such as Search, a Video Platform, Email, a Mobile OS, and Cloud services.

The need for faster innovation, enhanced quality, and robust security has become a top priority as the tech industry increasingly adopted agile methodologies, DevOps, and automation. Despite being a leading player in the industry, the company faces underlying challenges, including slow release cycles, manual production changes, support issues, and difficulties meeting SLAs and compliance requirements due to poor collaboration.

Recognizing these needs, the company sought a partner to enhance efficiency, ensure compliance, and improve product quality by adopting streamlined, automated processes and fostering better team collaboration.

With exceptional technological solutions and services and a proven track record of successful legacy system modernizations for Fortune 2000 companies, Brillio emerged as the ideal partner for modernizing their legacy applications.

Transforming the Legacy Ecosystem with Copado for Salesforce

Following a comprehensive analysis of the client's ecosystem, it was determined that a robust DevSecOps framework for Salesforce was essential to meet their needs. The proposed solution involved the creation of this framework using Copado, which was integrated with well-defined success KPIs and quality gates to ensure a secure environment.

To further enhance the client's operations, a Salesforce Hub was implemented. This hub was designed to streamline and optimize the management of multiple orgs, making it easier to oversee and coordinate various aspects of the client's Salesforce ecosystem. To bolster the platform's security, rigorous security checks were incorporated, ensuring that potential vulnerabilities were identified and mitigated effectively.

Additionally, a scalable branching sandbox strategy was devised to facilitate seamless development and deployment. This strategy allowed for the creation of isolated environments where development work could proceed without affecting the main production environment. Complementing this, a template-based onboarding process was introduced to standardize procedures, ensuring consistency and efficiency across all development and deployment activities.

To maintain high standards of code quality, strict coding standards and Quality Assurance measures were enforced. These measures were instrumental in identifying and addressing bottlenecks and failure points early in the development cycle, thereby reducing the risk of issues arising in production. End-to-end automation for continuous integration and continuous deployment (CI/CD) was achieved through a Managed Services model. This model leveraged the latest innovations, advanced technology platforms, and skilled resources to meet the client's needs effectively.

> A robust DevSecOps framework was critical in providing a clear measure of success and maintaining the highest security standards throughout the development and deployment processes.

From 10 Hours to 1.5:

Ensuring Rapid Deployment, Consistency, Reliability, and Cost-Effectiveness

Through the collaborative work of Brillio and the client's team, the high-impact reliance on legacy technologies like Genero was eliminated by enabling New Age Digital Transformation through legacy modernization.

This comprehensive transformation has provided significant time savings for the Business Teams, allowing them to focus on critical store management tasks.

Another notable achievement was the drastic reduction in deployment time, which has decreased from 18 hours to just 2 hours. This significant improvement directly contributes to a faster time to market, enabling the organization to accelerate the process from two weeks to just one week.

Moreover, a 100% synchronization of all environments was achieved, ensuring consistency and reliability across the board. Failure recovery time has also seen a remarkable decrease, from 3 hours down to just 20 minutes, which enhances the organization's ability to maintain uninterrupted operations.

In terms of financial impact, these enhancements have resulted in significant cost savings due to the overall increase in efficiency. The improved return on investment (ROI) is a testament to the faster and more reliable processes now in place. Operational efficiency has been optimized, minimizing downtime and streamlining workflows.

Lastly, the greater market agility achieved through these improvements allowed for faster product releases and a more responsive approach to market demands.

> A significant milestone was unlocked for the client, reducing the store replenishing time from an unsustainable 10-hour process to just a mere 1.5 hours.

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ABOUT BRILLIO

Brillio is one of the fastest growing digital technology service providers and the partner of choice for many Fortune 1000 companies seeking to turn disruption into a competitive advantage through innovative digital adoption. We help clients harness the transformative potential of the four superpowers of technology: cloud computing, Internet of Things (IoT), artificial intelligence (AI) and mobility. Born digital in 2014, we apply our expertise in customer experience solutions, data analytics and AI, digital infrastructure and security, and platform and product engineering to help clients quickly innovate for growth, create digital products, build service platforms, and drive smarter, data-driven performance. With 17 locations across the U.S., the UK, Romania, Canada, Mexico, and India, our growing global workforce of nearly 6,000 Brillians blends the latest technology and design thinking with digital fluency to solve complex business problems and drive competitive differentiation for our clients. Brillio has been certified by Great Place to Work since 2021.

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