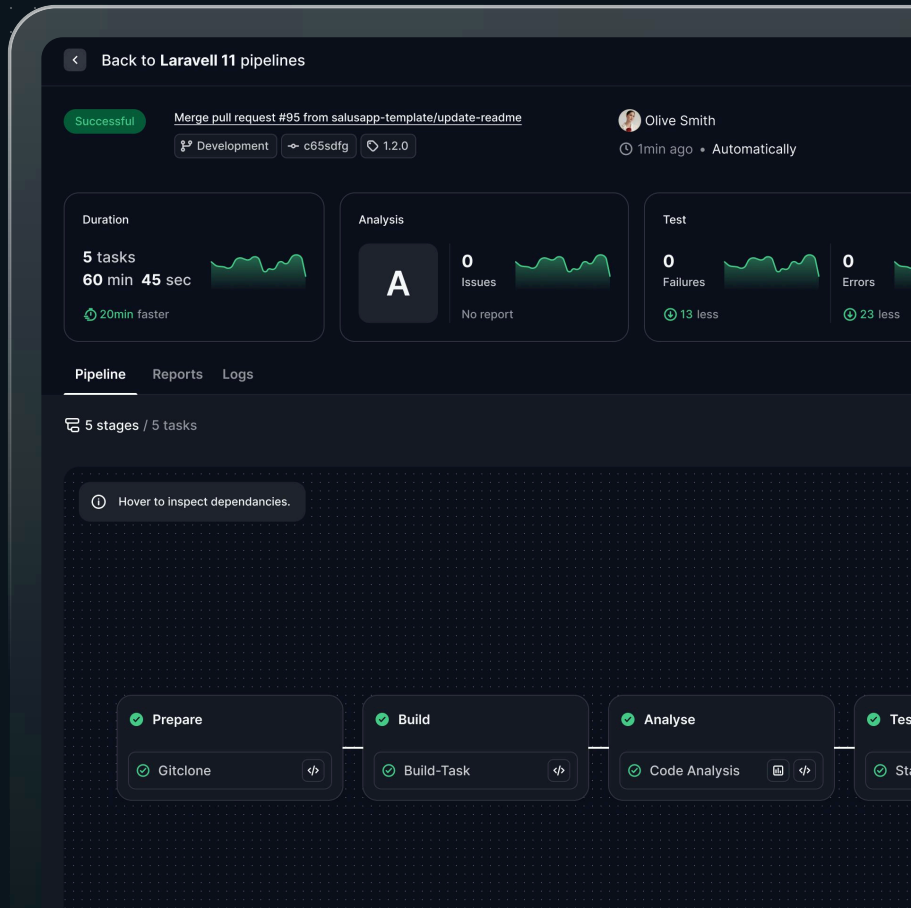
SALUS

Product Guide

Empower developers of all experience levels to deliver secure, scalable, and maintainable software with Salus - a comprehensive DevSecOps solution powered by AI.



Welcome to the Salus Product Guide.

This guide offers an in-depth look at Salus capabilities, detailing how it revolutionizes application deployment and management through the intelligent use of AI and AIOps. Discover how Salus streamlines workflows, automates key processes, and provides a secure, collaborative environment tailored to enhance productivity and ensure robust software delivery.

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About Salus

Deploy with Confidence. Manage with Ease.

In today's complex digital environment, deploying and managing applications can be challenging. Salus changes this with an AI-native, end-to-end solution that optimizes every phase of the software lifecycle.

Salus enables teams to Configure, Deploy, Operate, and Scale effortlessly, turning complex workflows into streamlined, automated processes that let engineers focus on delivering innovation.

Salus integrates AI and AIOps deeply into the software lifecycle, intelligently anticipating operational needs, automating routine tasks, and continuously optimizing performance.

The result?
Teams deliver secure, resilient applications faster and with greater efficiency.

Engineered to free developers from infrastructure concerns, Salus offers two deployment options:

Salus Cloud

A public Platform-as-a-Service tailored for small to medium teams. Get up an running quickly with a fully-managed infrastructure.

- Managed by Salus team
- Zero Infrastructure setup
- Click and deploy simplicity

Salus Enterprise

A dedicated Salus deployment designed for businesses with specific compliance and security requirements.

- Deploy to your cloud account
- Full compliance control
- Ideal for regulated industries

Challenges faced by Software Engineers

In the current competitive environment, engineers are under pressure to deliver customer value rapidly, frequently at the compromise of established best practices.

This approach may result in:

1. Security Incidents
2. Unmaintainable Code
3. Loss of Productivity
4. Inability to Scale

Salus was designed to help teams implement engineering best practices, without sacrificing time-to-market.

Here's some of the key challenges the Salus solves:

1

Deployment Complexities:

A significant challenge for developers is dealing with the intricacies and difficulties of deploying software systems. From configuring complex cloud-native infrastructure, building custom Continuous Integration & Continuous Delivery (CICD) pipelines, to configuring observability tools.

2

Technical Debt:

Development progress and maintenance tasks are more arduous with the accumulation of technical debt resulting from shortcuts, suboptimal code, or postponed refactoring.

3

Compatibility and Cross-Platform Issues:

Seamless operation and compatibility across various platforms, operating systems, and devices are demanding
because of differences in hardware, software dependencies, and compatibility constraints.

4

Security:

Developers must continuously identify and address potential security risks to protect against data breaches and evolving threats, which makes developing secure software an ongoing challenge.

Challenges faced by Software Engineers

5

Code Quality:

Maintaining high code quality is essential for efficient development and reducing future issues and bugs.

6

Cost Optimization:

There are numerous financial burdens and constraints that come with the increasing costs associated with software development, such as licensing fees, infrastructure expenses, and third-party services.

7

Environment Inconsistencies:

It can be difficult to cope with inconsistencies in development and production environments, including variations in hardware, software configurations, and network conditions. These factors can complicate the development process and introduce unforeseen issues.

8

Collaboration and communication:

Effective collaboration and communication within development teams are crucial for successful project outcomes. Challenges may arise in coordinating efforts, resolving conflicts, and maintaining transparent and efficient communication channels.

9

Monitoring and troubleshooting:

Developers must ensure comprehensive coverage and effective analysis. It is challenging to implement robust monitoring and logging systems to track software performance, detect anomalies, and troubleshoot issues.

10

Scaling and performance under load:

As user demands and traffic volumes increase, developers face the challenge of scaling applications to handle the load while maintaining optimal performance and responsiveness.

Overview of Salus

An intelligent DevSecOps platform, for Engineers, by Engineers

Salus, an intelligent Platform-as-a-Service (PaaS), is specifically designed to provide engineering teams of all sizes with easily accessible and scalable best practices.

By emphasizing operational excellence, security, and code quality, Salus Cloud revolutionizes the software delivery lifecycle, ensuring an enhanced and efficient development process.

Salus Cloud

Key Benefits

Intelligent Operations

With Salus, teams can attain operational excellence while upholding business priorities. This is accomplished by seamlessly incorporating Artificial Intelligence into all facets of software operations. Our DevSecOps agents empower you to monitor and rectify your application's health, security, and other aspects, ensuring optimal performance and protection.

Streamlined Software Delivery Lifecycle

Whether you're a small team or a large enterprise, Salus Cloud empowers you to collaboratively build, deploy, and maintain your software projects. That's because Salus Cloud emphasizes engineering best practices and prioritizes operational excellence and security. This enables developers to seamlessly implement production software best practices, which completely revolutionize their software delivery lifecycle.

Automated DevOps for Faster, Reliable Application Delivery

It's time to say "adios", "goodbye", and "sayonara" to time-consuming manual processes. Our innovative "Auto DevOps" approach automates your entire software delivery pipeline, including building, testing, deployment, and release. You'll experience faster and more reliable application
delivery, enabling you to meet your customers' expectations with ease.

Uncompromising Security and Code Quality

Salus Cloud is designed with user experience in mind. The platform has abstracted away the complexities of infrastructure setup and configuration and simplified the deployment process. We've managed this by providing a user- friendly interface and allowing developers
to deploy their applications with just a few clicks.

Rapid Deployment

Salus Cloud understands the importance of securing systems. The platform's vulnerability management ensures that you'll never release a compromised system to production again. We give you peace of mind knowing that your applications are protected from potential vulnerabilities and our code quality checks can be used to track, review, and prioritize technical debt. Our uncompromising security means you can accelerate feature development while maintaining code integrity.

Salus Cloud

Key Benefits

Cost Effective

Salus Cloud offers a scalable, pay-as-yougo approach to application deployment and management. We optimize resource allocation to ensure each project gets the most value from the least cost. We implement advanced processes such as isolated bin packing and auto-scaling to ensure optimal cost efficiency. Our platform enables you to scale on demand and promotes the right-size resources.

Simplified Infrastructure

Salus Cloud has eliminated the separate management of infrastructure components such as servers, load balancers, or databases (coming soon). The platform seamlessly handles these tasks and provides a managed infrastructure environment, allowing developers to focus on their application code.

Scalability and Reliability

Salus Cloud makes it easy to deploy highly available architectures and horizontally scale any workload. The platform does automatic load balancing and supports automatic scaling of applications to handle increased traffic

Continuous Integration and Deployment (CI/CD)

Salus Cloud integrates with popular version control systems, such as Git, and provides pre-configured CI/CD pipelines. It also ensures efficient and reliable software delivery by automating the build, test, and deployment processes.

Consistent Environments

Salus Cloud enables developers to create consistent environments for their applications across different stages– such as development, staging, and production. This helps reduce issues related to environmental inconsistencies and improves the reliability of deployments.

Real-time Monitoring and Logging

Salus Cloud offers built-in monitoring and centralized logging features that enable developers to track the performance and health of their applications. It provides insights into application metrics, error logs, and performance bottlenecks, aiding in troubleshooting and optimisation efforts

Enhanced Collaboration and Team Management

Salus Cloud offers features for team collaboration and management. It allows developers to invite team members, set access controls, and collaborate on application deployments and configurations.

Salus Cloud

Key Features

Simplify Infrastructure Complexities

Our platform is built on a Kubernetes foundation. We have embraced containerisation as the future of cloudnative deployments.

For Salus Cloud, our public PaaS, we take care of the underlying infrastructure, managing the complexities, and ensure you have a reliable, secure and performant base to build on. For Salus Enterprise, we offer you a dedicated deployment of the Salus platform into your own cloud account. Ensuring full isolation, and dedicated infrastructure.

Integrated Observability

Salus's integrated observability ensures that you know exactly what is happening to your project. Visibility into your systems has never been easier.

You won't have to worry about blind debugging or scenarios where you deploy and go into hiding.

AutoDevops

Salus's integrated Continuous Integration and Continuous Deployment (CI/CD) pipelines streamline the application development lifecycle by automating the processes of building, testing, and deploying software.

The platform eliminates manual effort, resulting in enhanced software velocity and reliability. These pipelines possess the ability to automatically identify the technology stack utilized, conduct thorough code quality evaluations, perform comprehensive vulnerability scans, and execute exhaustive unit tests. Once all assessments have been successfully completed, the system proceeds to automatically deploy the application to the specified environment.

Centralised and Aggregated Logging

Coming soon

With Salus, application logs are automatically gathered and centralized, facilitating simple review, quick searches, and efficient debugging.

Advanced log management features enable effortless filtering and searching within specific projects or across the entire organization.

Salus Cloud

Key Features

Integrations with Version Control Systems

Salus Cloud seamlessly integrates with popular version control systems like GitLab and GitHub. This core feature enables users to easily connect to their preferred version control system and facilitate automated deployment changes without needing to change any code. The integration allows for bi-directional communication between Salus Cloud and the Version Control System, critical for publishing test coverage and code quality reports directly to merge requests (coming soon).

Scalable and Agile Hosting Infrastructure

With Salus, you can enjoy automatic scaling capabilities that effortlessly adjust your workloads to meet growing user demands without any manual intervention. Our scalable hosting infrastructure ensures security, reliability, and availability for your applications. Whether you require a single deployment or a massive 1000-deployment setup, our platform seamlessly adapts to your system's needs, offering unmatched flexibility and scalability. With Salus, you can rest assured that your workloads will always be handled efficiently, optimizing performance while minimizing the need for user intervention.

Automated Deployments

Salus transforms your software development life cycle by automating deployments. Users can define deployment configurations, specify target environments, and establish automatic deployments based on preferred settings. This automation eliminates manual intervention, minimizing human error and ensuring consistent, reliable application deployments. By streamlining the deployment process, Salus Cloud significantly reduces timeto- market and fosters faster innovation cycles, enabling organizations to respond swiftly to market demands.

Automated SSL/TLS Management

Salus streamlines the management of TLS/SSL certificates, offering automated issuance, renewal, and maintenance. This ensures the security and compliance of custom domains linked to launched projects

Salus Cloud

Key Features

Application Performance Metrics

With Salus, you can effortlessly monitor your system's health and performance. It automatically tracks essential application performance metrics. After deploying an application, Salus collects and analyzes these metrics, providing you with valuable insights into your system's behavior. The best part? You don't have to manually instrument your code; Salus takes care of it seamlessly.

Vulnerability Management

To ensure security throughout the development process, Salus aids in preventing the release of vulnerable frameworks to production. With Salus, you can perform real-time static application security testing (SAST) and dynamic application security testing (DAST), which will be available soon, to proactively detect and remedy code vulnerabilities.

Software Bill of Material

The availability of SBOM data offers invaluable benefits such as comprehensive visibility into software components, facilitating proactive security measures, efficient threat detection, enhanced collaboration, compliance assistance, automated vulnerability assessment, and reduced debugging time. This data empowers teams to make informed decisions, strengthen their security posture, and optimize their development and maintenance processes.

Cost Optimisation

Salus empowers engineering teams to optimize their cloud costs and achieve the best value for their money. By implementing autoscaling, Salus Cloud dynamically adjusts resource allocation based on real-time demand, ensuring that teams only pay for the resources they need. Additionally, Salus Cloud provides detailed cost visibility, enabling teams to understand their cloud spending in granular detail. This cost transparency enhances cost ownership and facilitates informed decision-making, allowing teams to identify cost-saving opportunities and implement effective cost management practices. Salus Cloud's combination of autoscaling and cost visibility empowers teams to make data-driven decisions, optimize resource utilization, and achieve significant cost savings.

Salus Cloud

Key Features

Code Quality Assurance and Testing

Salus ensures code quality through static code analysis and automated unit testing in pipelines. Comprehensive reports display test results and code coverage. Static code analysis and unit tests help manage technical debt by identifying potential issues and ensuring code functionality. They reduce debugging time, fix issues before production, improve code quality, and automate regular execution.

Built for complex architectures

Salus Cloud is specially designed to accommodate complex architectural patterns such as microservices and event-driven architectures. Its core capabilities facilitate seamless communication and data exchange between various services within the application landscape. This enables the platform to effortlessly integrate and interact with different components, enhancing overall system functionality, efficiency, and scalability.

Usage-based Billing and Billing Reports

Salus Cloud promotes a pay-as-youcode model for consumption and offers flat-rate subscriptions based on team size. Consumption dashboards help users stay on top of their usage, ensuring no surprises during billing. Payments are accepted in local currency.

Database Management

Coming soon

Salus Cloud offers easy management of databases, ensuring efficient storage and retrieval of data. Users can provision, configure, and maintain databases (e.g., MySQL or PostgreSQL) directly from the platform.

Streamlined Cache Management

Coming soon

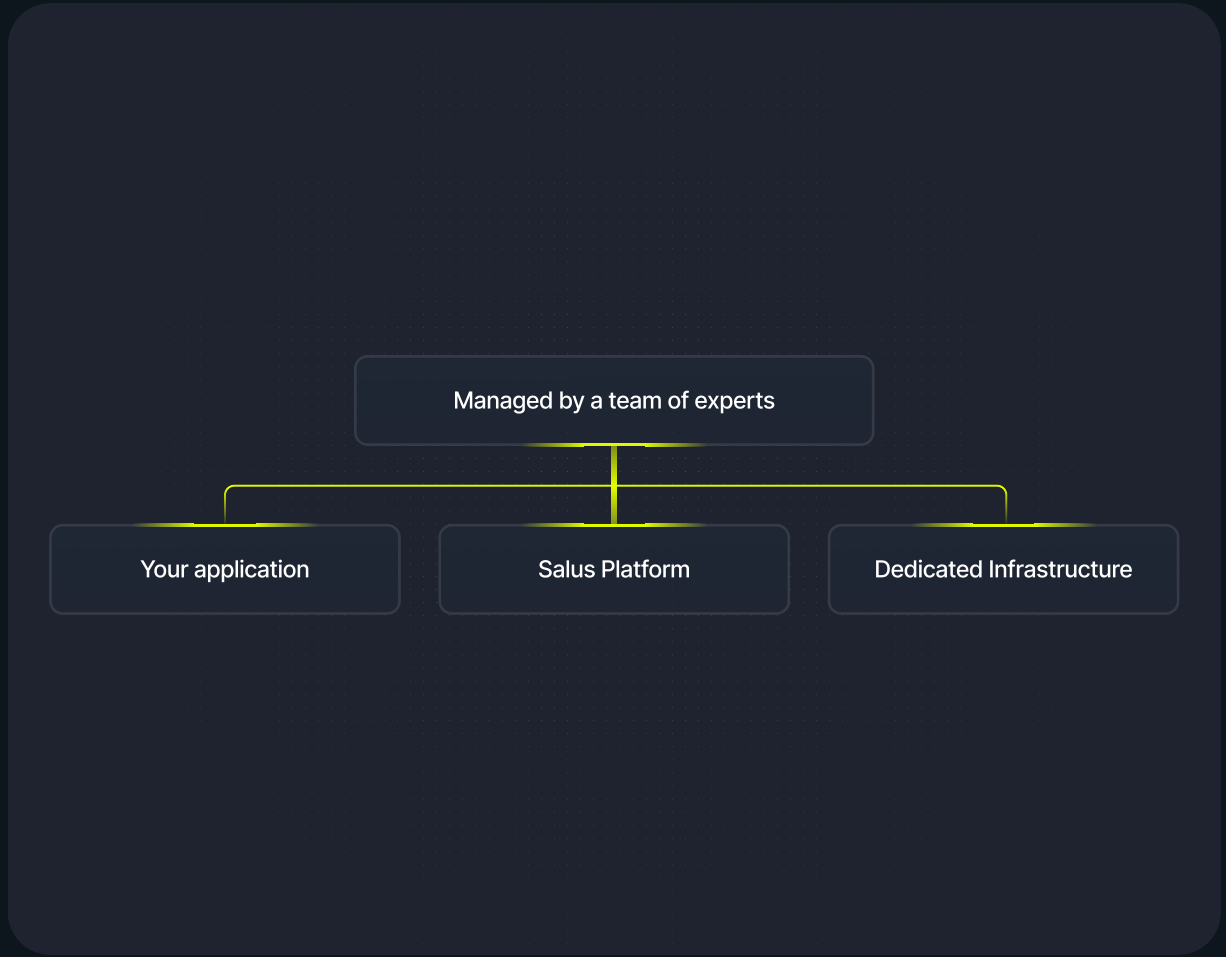
Salus provides functionality to easily deploy a Redis or Memcached cache from the platform. It takes care of provisioning, firewall rules, and routing on behalf of users, simplifying the cache management process

Introducing Salus Enterprise

DevSecOps Platform as a single-tenant PaaS deployment, just for you.

Salus Enterprise offers a dedicated deployment of the Salus platform, fully integrated into your private cloud environment.

Not only do we deploy the platform on your behalf, but maintain, manage and constantly evolve the platform. We take care of all the complexities that come with building and managing Cloud Native infrastructure.



Salus Enterprise

Key Features

Dedicated Infrastructure

Salus Enterprise provides a dedicated infrastructure deployment, fully integrated into a private cloud environment. This means that Salus Enterprise customers have their own dedicated instance of the Salus platform, which is not shared with any other customers.

This provides several benefits, including increased security, performance, and control. Salus Enterprise customers also have access to a dedicated support team, who are available 24/7 to help with any issues that may arise.

Flexibility

Salus Enterprise's configurable platform adapts to unique organizational needs, allowing seamless integration with existing tools. Customization options include CI/CD pipelines, infrastructure components, dashboards, external system integration, plugins, and API access.

The platform's adaptability empowers organizations to streamline processes, boost operational efficiency, and drive innovation.

Advanced Security

With a single tenanted deployment, and dedicated infrastructure, comes advanced security. All infrastructure is secured, and deployed behind a security perimeter. Access control is not only managed, but also audited. Additional security features such as intrusion detection will soon be available to all Enterprise customers. Implementing a single tenanted deployment with dedicated infrastructure enhances security measures.

The infrastructure is secured and deployed behind a security perimeter. Access control is not only managed but also audited to ensure compliance. Moreover, advanced security features like intrusion detection will soon be accessible to all Enterprise customers, further solidifying their security posture.

Salus Pricing

Simple, straightforward pricing

Free

For everyone

$0 USD

For individual developers and small teams wanting to explore the platform at no cost.

Key features and support

- Up to 2 users
- Up to 2 projects
- Import your repo, deploy in mins
- Automatic CI/CD
- Support docs and chat

Developer

per user/month

$29 USD

For individual developers or small teams looking for tools to manage software operations efficiently.

All free plan features and...

- Pay per user
- Unlimited projects
- Stackable subscriptions
- Business hour support with SLA

Team

/month

$99 USD

For individual and small start-ups needing essential tools to manage software operations.

All developer plan features and...

- Up to 5 users then $22/user
- Unlimited projects
- Basic business hour support
- Community support

Business

/month

$299 USD

For expanding start-ups and small to medium businesses needing more features and scalability.

All team plan features and...

- Unlimited users
- Unlimited projects
- 24/7 Support with robust SLA
- Technical account manager

Popular

Enterprise

Let's talk

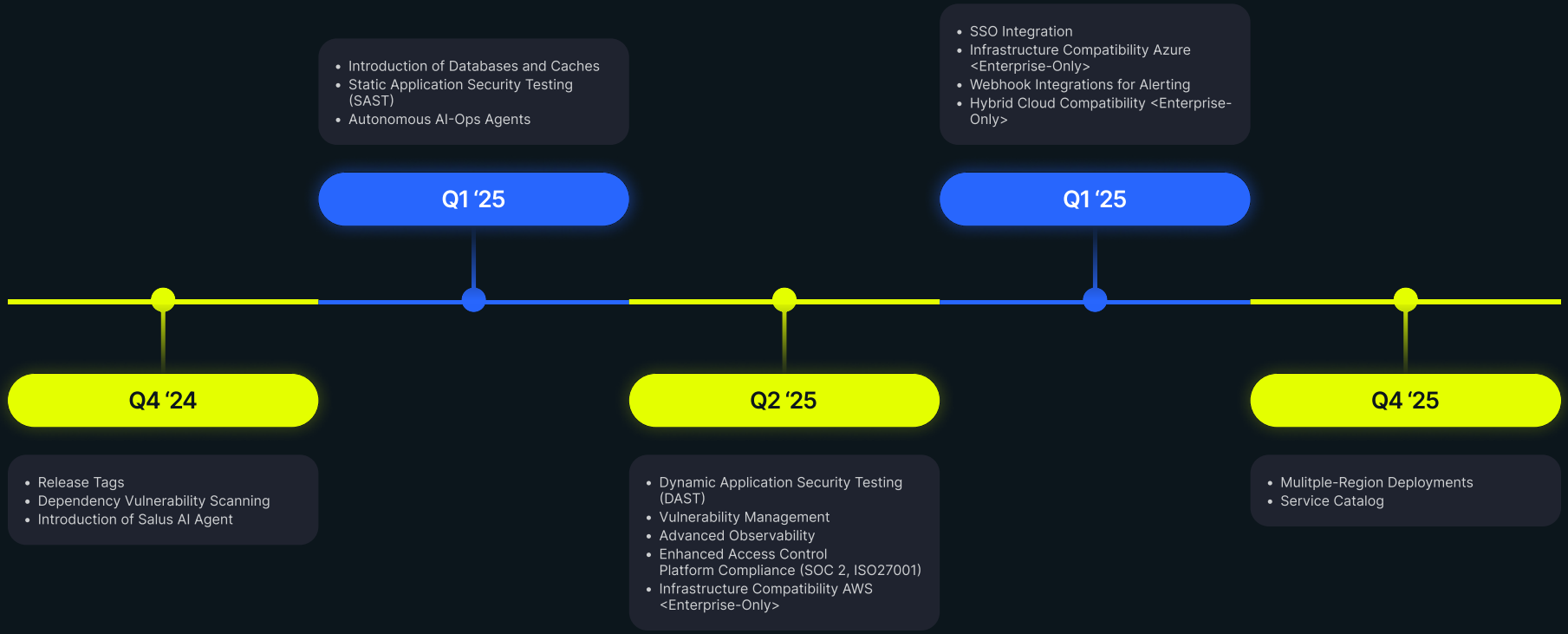
For enterprises that need isolation, residency, and protection.

Everything in business plus...

- Unlimited users
- Unlimited projects
- Isolated infrastructure
- Increased Security Posture
- Simplify System Complexities
- Fully managed by Salus
- 24/7 Support with robust SLA

Salus

Roadmap



Summary

Salus revolutionizes the deployment and management of applications. Through this platform, engineers can unlock their true potential and focus on innovation and delivering exceptional software experiences.

We believe teams should be empowered by technology. This is why the platform has robust features to rapidly deploy applications, streamline infrastructure management, and effortlessly achieve continuous integration and deployment.

Salus offers peace of mind in an ever-evolving technological landscape by ensuring security and providing comprehensive observability. As you embark on your next software engineering journey, we invite you to embrace the future of effortless and secure application development with Salus.

Let us empower you to excel in your role and propel your projects to new heights.