

Future-Proof Software: Trust in Continuous Innovation

By investing in our software solution, you're not just acquiring a tool for today, you're securing a gateway to perpetual innovation. Our commitment to staying at the forefront of technology ensures that your investment remains future-proof, continuously evolving to meet your ever-changing needs. With our dedication to innovation, you can trust that your decision today will pay dividends in the long term, keeping you ahead of the curve and maximizing the value of your investment.

What platform does Curantis Solutions use?

Curantis Solutions' EHR SaaS serverless platform is a cloud-based electronic health records system designed specifically for hospice & palliative care providers. It is delivered as a software service (SaaS) and operates in the Amazon Web Services (AWS) Cloud. It leverages many modern Serverless components that allow our product development team to focus on shipping features and helping customers while letting AWS take care of many infrastructure and security tasks.

What are the key features of the serverless platform?

By being fully cloud-hosted and serverless, Curantis removes the need for having on-premise servers both in their datacenter and in customer datacenters. This also frees providers from needing to be connected or always on and attached to a physical location. Curantis Solutions delivers its EHR over proven web standards which allow connectivity, both remotely and securely, on any device that is capable of a modern web browser such as Google Chrome.

With data stored in the AWS Cloud, Curantis provides secure storage and encrypted access to patient medical records. This experience allows for integrated hospice-specific workflows and documentation templates. That data is then available in real-time via reporting and analytics for obtaining operational insights. Seamless integration with other healthcare systems (e.g. labs, pharmacies) is provided over modern APIs and is extensible over proven healthcare standards such as FHIR v 4.0.

Automatic software patches and updates are also provided as part of its cloud-native delivery.

What are the security features of the platform?

Curantis Solutions' serverless platform incorporates robust security measures to protect sensitive patient data:

Data encryption at rest and in transit using industry-standard AES-256 encryption. Sign-in is provided by way of an AWS product called Cognito which allows for single sign-on and multi-factor authentication to verify user identities. Role-based access controls are built into the product to limit access to authorized personnel. Audit logging and activity monitoring happens automatically as users perform operations in the system.cont on page 2.

Security and Reliability You Can Count On



What are the security features of the platform?

Curantis Solutions offers secure network architecture with firewalls, intrusion detection, and DDoS protection. We perform rigorous vulnerability scanning and penetration testing to identify and remediate potential threats. Additionally, all infrastructure is provisioned via automation which is also scanned against industry standards before every deployment.

What are the other key benefits of the serverless architecture?

The serverless architecture provides several key benefits:

- **Scalability:** The platform automatically scales compute and storage resources up or down based on usage, ensuring optimal performance.
- **Cost Efficiency:** You only pay for the resources you consume, eliminating the need to over-provision for peak loads.
- **Reduced Maintenance:** The cloud provider handles all infrastructure management tasks like patching, backups, and failover, allowing your team to focus on core hospice operations.
- **High Availability:** The platform is designed for high availability with built-in redundancy and failover mechanisms.

How do you handle outages?

Our proactive monitoring system alerts us if any mission-critical part of the system is experiencing an abnormal state and could trigger an outage. It sends messages to designated team members, who then remedy the situation to prevent the outage.

In the event of an actual outage, a mitigation workflow kicks in. The workflow follows a 3-stage recovery process: 1) Acknowledge and notify the customers impacted, 2) Assign a technical team to diagnose and propose a resolution, 3) Conduct post-mortem analysis. An outage workflow allows pertinent teams to treat the incident as the highest priority item until its resolution. Curantis has a disaster recovery (DR) and business continuity plan (BCP), which is activated in the event of a catastrophic situation (e.g., wide-scale security breach and loss of system access). Although outages are few and far between and we've never had to initiate DR/BCP, Curantis regularly reviews and updates its policies and procedures to maintain the uptime SLA.

How does Curantis Solutions ship software?

Curantis Solutions leverages an iterative and agile software delivery process. Feature releases are guided by a roadmap but with enough slack in the workflow to accommodate high priority enhancements. Value is shipped on a pre-determined schedule and is delivered via feature flags which allows the product team to release value to customers on-demand but gives engineering the predictability in schedule and work process. Clients are notified of the schedule and feature details in advance via Release Notes.

Making Your Data Seamlessly Accessible, Infinitely Extensible



Does Curantis Solutions allow custom access to data?

Yes. Curantis Solutions can allow access to the underlying FHIR data that is queryable over SQL and can be sandboxed per client. This allows you to connect via other reporting packages or direct access over standard developer tooling.

What are your analytics and intelligence capabilities?

Curantis has a dedicated BI team with reporting specialists and data engineers. Presenting actionable information tailored for roles/groups within the customer organization is part of our core system. We maintain separate storage systems for transactional and transformed/reporting-ready data. The two-tier approach allows us to serve real-time reports as well as historical reports. Thanks to AWS' scalable, fault-tolerant, and serverless tech-stack, building reports and interactive dashboards that provide impactful insights into customer financial and operational data quickly is one of our core competencies. We have pipelines that can process and move data across data stores in milliseconds, which enables a powerful ecosystem to rapidly build and render anything from mobile-responsive real-time dashboards to advanced analytics using machine-learning algorithms.

What is FHIR interoperability?

The platform supports FHIR, a widely adopted standard for exchanging healthcare information electronically. The FHIR API allows other healthcare systems and applications to securely access and share patient data with the hospice EMR, facilitating seamless interoperability across the care continuum. In addition, Curantis is able to extend its data over SMART on FHIR which is a patient-centric view of clinical data that can be used in unique workflows.

What are the benefits of the FHIR API?

- Enables integration with a wide range of healthcare IT systems.
- Allows for the secure and standardized exchange of patient data.
- Facilitates care coordination by making relevant information available to authorized providers.
- Supports the use of patient-facing apps and portals to engage patients in their care.
- Helps meet regulatory requirements for data exchange and interoperability.

