Fact Sheet

AppNucleus: Secure Digital Health Platform

AppNucleus is a secure and dynamic digital health development platform designed to enhance mobility and streamline the development of mobile and web applications. It is compliant with PHI, PII, GDPR, and HIPAA regulations, ensuring data security and privacy.

AppNucleus' strong security framework helps ensure safe, innovative healthcare solutions and encourages broader adoption of digital health technologies.

Key features

Security and privacy

- PHI, PII, GDPR, and HIPAA compliant
- FIPS 140-2 validated encryption (in transit and at rest) technology
- Two-factor authentication
- Remote data wipe on mobile devices
- NIST and FedRAMP compliant

Agile development platform

- Supports HTML5 and JavaScript apps
- Native iOS and Android SDK integration
- Quick mobile app development

Feature-rich solutions

- Secure messaging and notifications
- Survey generator and engine
- Video conferencing and scheduler
- Bluetooth medical device integration
- Content generator and publisher
- EHR integration

AppNucleus' advanced features and robust capabilities deliver value for both developers and organizations.

Benefits

Time and cost efficiency

- Addresses key areas that over 70% of mobile apps lack
- Simplifies and accelerates app development provides security foundation for new and existing mobile applications

Secure ecosystem

- Supports BYOD (Bring Your Own Device) and cross-platform architecture
- Enables scalable deployment for enterprise-level user base
- Streamlines data collection and reduces waste
- Offers tailored content based on user segments
- Single platform for provider and beneficiary engagement

Technical advantages

- Encrypted data-at-rest and data-in-transit
- APIs for integration with third-party platforms
- Service-oriented architecture
- Identity management and remote wipe capabilities

Discover how our platform addresses real-world challenges through practical applications that demonstrate the value, flexibility, and security of our solutions for both providers and beneficiaries. Explore how your organization can benefit from streamlined operations, enhanced engagement, and robust data management.

Use cases

Integrating existing apps

1. AppNucleus SDK for iOS and Android
2. Secure integration with existing mobile apps

Creating dashboards

1. Secure and display data for visual analytics
2. Supports .NET and Java

Leveraging mCare, Foxtrot, and Boom

1. Diabetic mobile application for remote patient reporting
2. Teleophthalmology solution for eye injuries occurring on the battlefield
3. Bluetooth integration with personal sensors detecting overpressure from artillery
4. Secure data capture and management

Infectious disease tracker

1. COVID-19 tracking solution with geolocation mapping and patient reported outcomes
2. Customizable for other infectious diseases
3. Survey generator and engine
4. Content editor and publisher

Technical deep dive

Integration and services:

- DoD IA/Security certifications
- HIPAA technical safeguards
- Data Analytics-ready
- APIs for integration

Security and ID management:

- Encrypted data-at-rest and data-in-transit
- Two-factor authentication
- Identity management

Digital engagement:

- Multi-OS support
- Data collection (GPS, surveys)
- Bluetooth-enabled for biometric data capture
- Secure messaging

Enrollment options:

- Administrator enrollment
- Bulk file enrollment
- Self-enrollment through mobile app

AppNucleus is a comprehensive platform that provides secure, scalable, and efficient solutions for mobile and web application development in the healthcare sector. It supports a wide range of features and use cases, making it an ideal choice for organizations looking to enhance their digital health initiatives.

CONTACT US
iqvia.com

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