

AppNucleus



Securely mobilizes data through - Android
JavaScript, and server apps

IQVIA® AppNucleus is an app development platform and a secure, end-to-end solution providing mobility and secure communication to your organization. This technology has been used throughout the financial and healthcare industries for over 15 years. It provides next generation technology to securely deliver PHI/PII/HIPAA/GDPR compliant data, engagement through secure video conferences, obtain data and information from Bluetooth-enabled devices, deliver questionnaires or surveys, and provide educational content. Organizations use AppNucleus to develop portals for workers and mobile apps for individuals to securely communicate and interact with each other.

With AppNucleus, developers get:

- APIs to build server apps (portals) for organization to securely engage users:
 - remote monitoring through integrated Bluetooth sensors
 - virtual visits/teleconferences
 - content creation, management and publishing to mobile devices
 - secure messaging solutions
- APIs to build mobile apps (Android, iOS, and cross-platform JavaScript apps) for end users:
 - apps run on personally owned devices (BYOD)
 - apps connect with Bluetooth-enabled devices
 - secure messaging and notifications
 - data ingestion through any format (XML, JSON ...)
- patented crypto technologies to encrypt communications and authenticate users
- integrity of data and transactions
- identity and digital rights management
- PII/HIPAA/PHI/GDPR-compliant web-to-mobile apps
- patented mobile technologies
- military award winner
- medical record integration
- standards steered product (Initiative for Open Authentication or OATH)
- world's first Common Criteria certified product for mobile PKI security





Server app capabilities

- web-based UI for organizations
- mobile apps for end users
- user enrollment, engagement, and management
- content editing and publishing
- virtual visits/teleconferencing
- secure messaging
- push notifications
- remote monitoring



Mobile app capabilities

- BYOD (bring-your-own-device)
- APIs for popular mobile platforms
- device integration via Bluetooth
- video and text chatting
- real-time data updates
- content and scheduling management
- send and receive messages
- online and offline operations
- available in major app stores
- notifications and pushed commands



Security highlights

- strong security
- PII, PHI, HIPAA, and GDPR compliant
- FIPS 140-1 compliant
- certificate of net worthiness (CON)
- GDPR encryption and pseudonymization requirements for data privacy
- data integrity
- unique tokens to encrypt and sign data
- encrypted data at rest and in transit
- two-factor authentication with token-generated one-time passwords OTPs
- prevent replay attacks with OTPs and one-time encryption keys
- password-protected mobile apps
- remote data wipe on mobile apps
- authorized to operate

- Trust and reputation with strong end-to-end security and privacy protection
- Engagement and loyalty with value-added digital services and apps
- Fast time-to-market development of mobile apps
- Increased productivity through real-time, transparent updates

Efficiently and effectively develop, deliver, manage, and support a wide range of mobile apps, server apps, and integration with external services and Bluetooth-enabled biosensors.

Develop

- APIs for native mobile apps (Android and iOS apps)



- APIs for JavaScript apps (cross-platform, write-once mobile apps)



- WSIs for server apps (portals)



- APIs for Bluetooth-enabled biosensors



- plugin/integration with external services that collect health and fitness data



- Sample apps, call orders, code snippets, sample data, and usage examples

Deliver

- built-in client-server architecture
- built-in synchronization protocols
- integration to global SMS aggregator
- SMTP email, SMS, and push integration

Manage

- accounts
- apps
- data
- logging, auditing, and history
- deployment

Support

- Popular mobile devices and biosensors
- training
- documentation for developers and users

Make AppNucleus part of your mobile data ecosystem