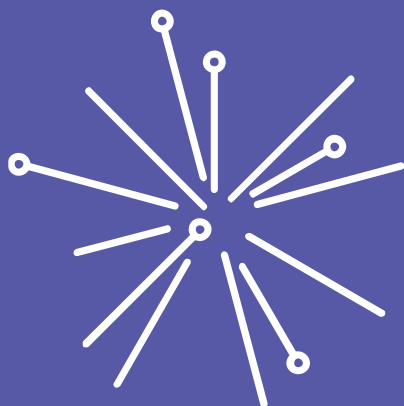


HEX Executive Summary v1.1

September 2018

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HEX

Health Evolution on
X.blockchain

Executive Summary

English

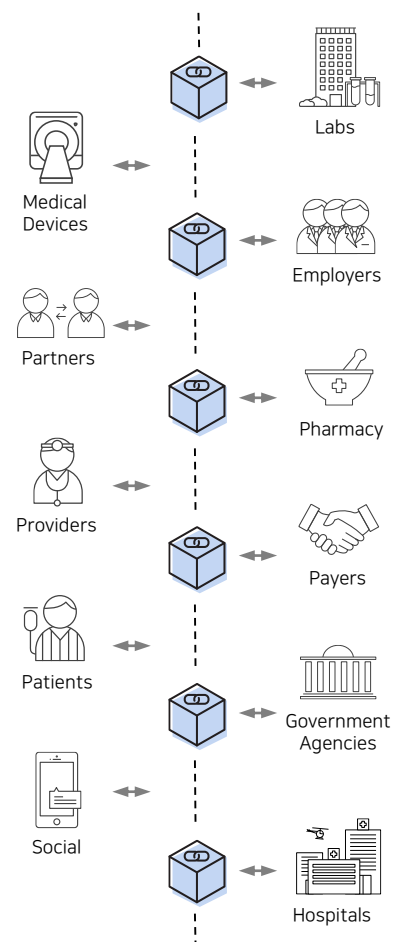
About

The active involvement for their own health management causes significant impact on the outcome. However, individual medical information access is limited, and it is hard to ensure continuity of care due to the lack of links across medical institutions.

Hex provides the effective way to managing personal health information based on Aston platform - multi-dimensional blockchains. This platform constructs a health information business ecosystem where individuals are the main players and expand the service model through development of various healthcare Apps.

Also, HEX collects and manages all radiation dose data distributed across medical institutions. Individuals can manage their own exposure dose, and medical institutions can provide appropriate medical services. Ultimately, Hex can help to establish metrics and global healthcare policies for dose management.

HEX based Apps make users safely managing their own and family's health information with no expenditure. Also users can the providers receive reward according to the HEX reward system when they provide their own data to researchers after de-identification process.

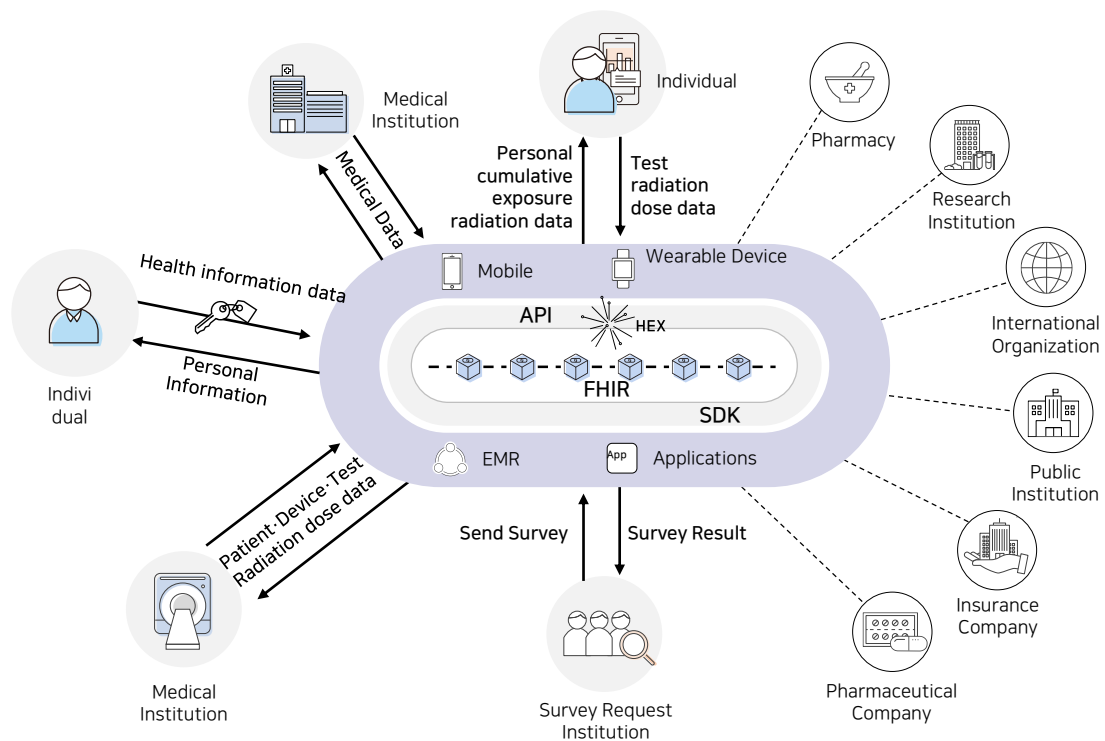


HEX Solution

- Secure continuity of personal health record based on standard
- Personal record security using Block chain
- Integrated medical radiation dose management and utilization
- Introduction of reward system using token

Ecosystem

HEX implements a platform using X.blockchain to create an ecosystem where individuals can manage and utilize health information.



- Specialized health information data management platform based on X.blockchain platform
- Provide personalized health information management service based on Aston platform
- Comprehensive personal health information management
- Provide refined health information to research institutions
- Issue token according to the HEX compensation system

Use Case

HEX enables to link medical data generated by medical institutions or all health related data from personal input or health device. These data will be used to analyze and research interactions between data and to provide various healthcare services.



Radiation Dose Management

HEX collects all radiation dose data distributed across medical institutions and provides comprehensive dose management. With these data users can manage their own exposure dose.

- Cumulative exposure radiation dose management
- Device and exam protocol management and new device evaluation
- Global standard management and healthcare policy establishment



PHR

HEX collected data enables to make a plan for customized healthcare services and personal health trend tracking is also possible.

- Customized health service
- Self-directed disease prevention and setting a treatment goal
- Personal health trend tracking management



HIE / IX

HEX collects scattered health data in each different locations. These collected data enables to make plans for customized healthcare services and these data also can helps to make medical decision.

- Medical consumers setting health data sharing target
- Medical staffs offer medical service by checking the medical record
- Prevent unnecessary re-examination and duplicate prescriptions



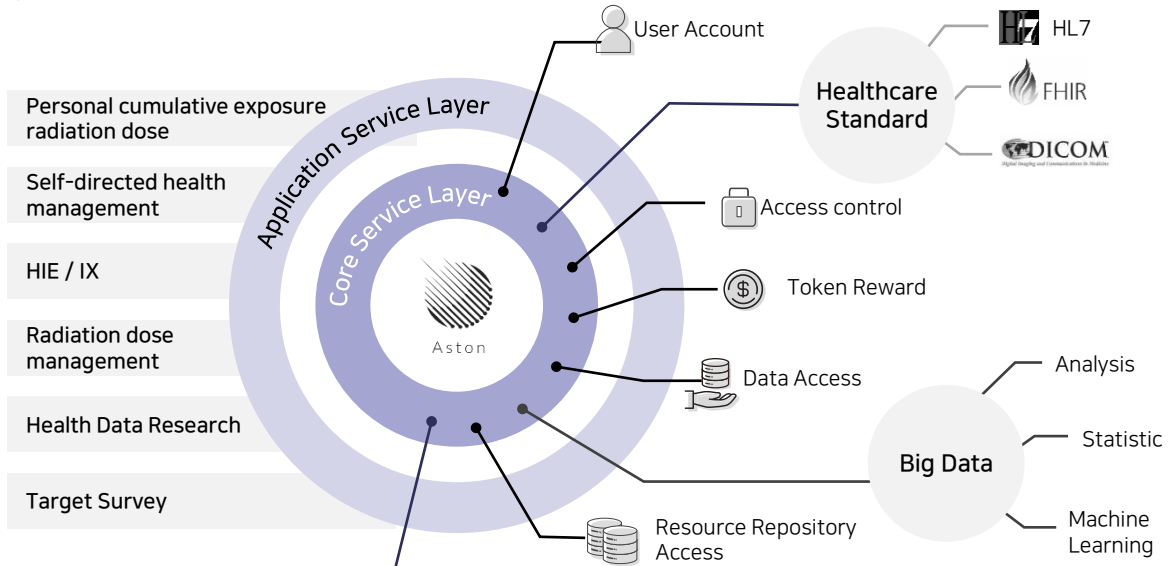
Health Data Research

HEX enables to analyzing and utilizing all health information data. With user's permission, HEX offers these data to medical service providers, and medical service consumers can receive high-quality medical services.

- Provide refined health data through data standardization
- Analysis on various medical and health data
- Expansion of AI (Artificial Intelligence) medical services

Technology

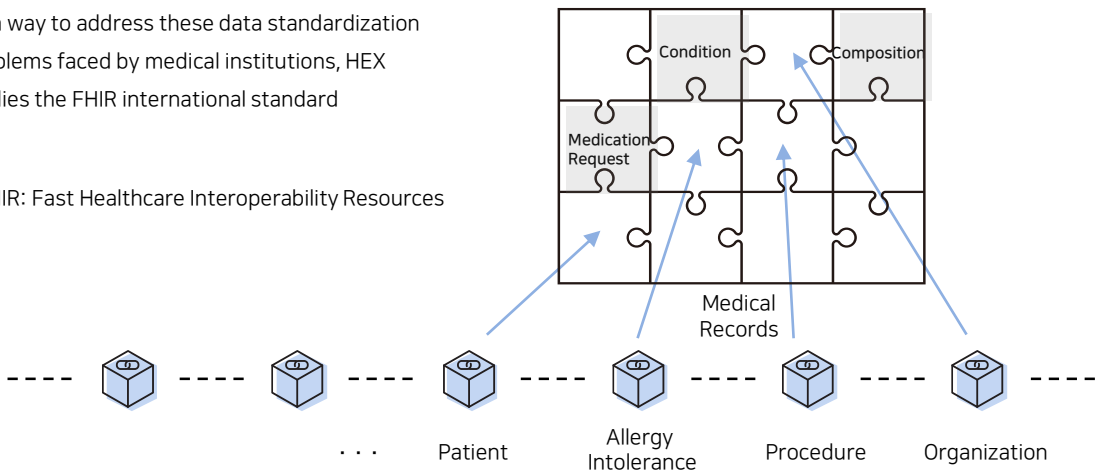
HEX Platform is constituted with three layers - Aston, Core Service, Application Service



FHIR Service

As a way to address these data standardization problems faced by medical institutions, HEX applies the FHIR international standard

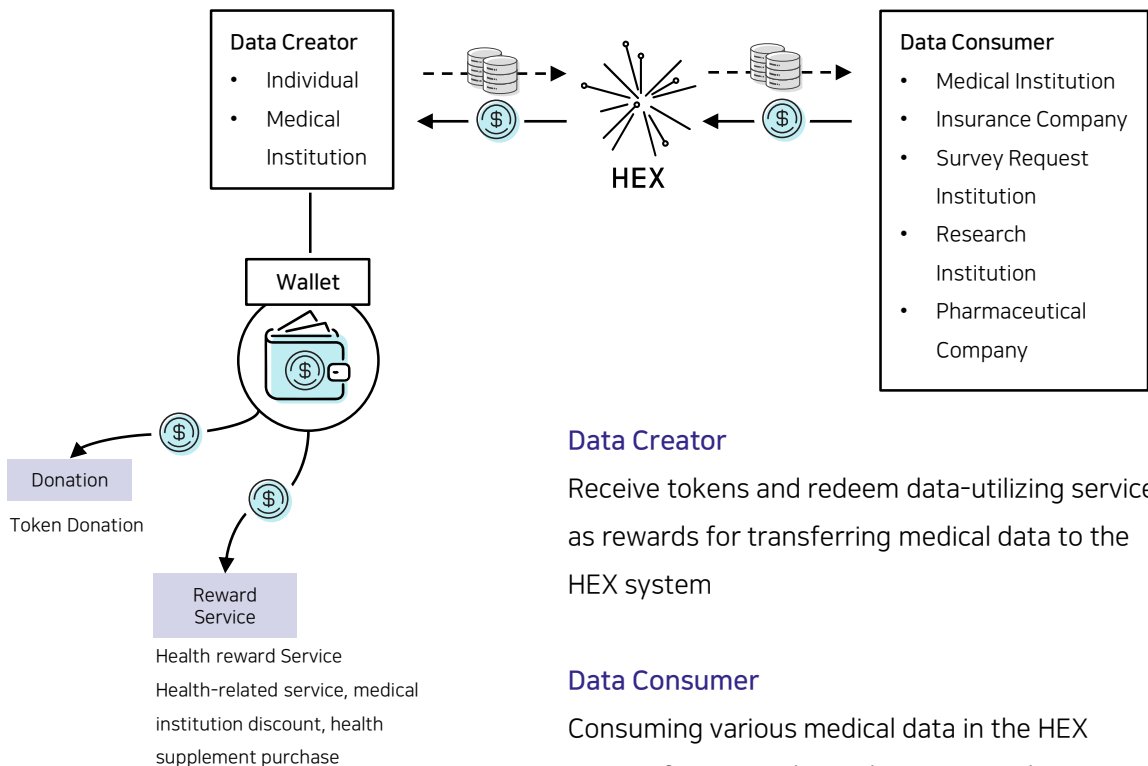
* FHIR: Fast Healthcare Interoperability Resources



Token Economics

HEX collects health records from various institutions and individuals and provides customized information to the necessary places. In this process, tokens will be paid to individuals when participating in research, participating in surveys, and data entry so that they can actively participate in the collection of their own health data.

These tokens are stored in electronic wallets created by HEX. They can be donated and consumed in various forms such as health service use, medical institution discount, purchase of health products.



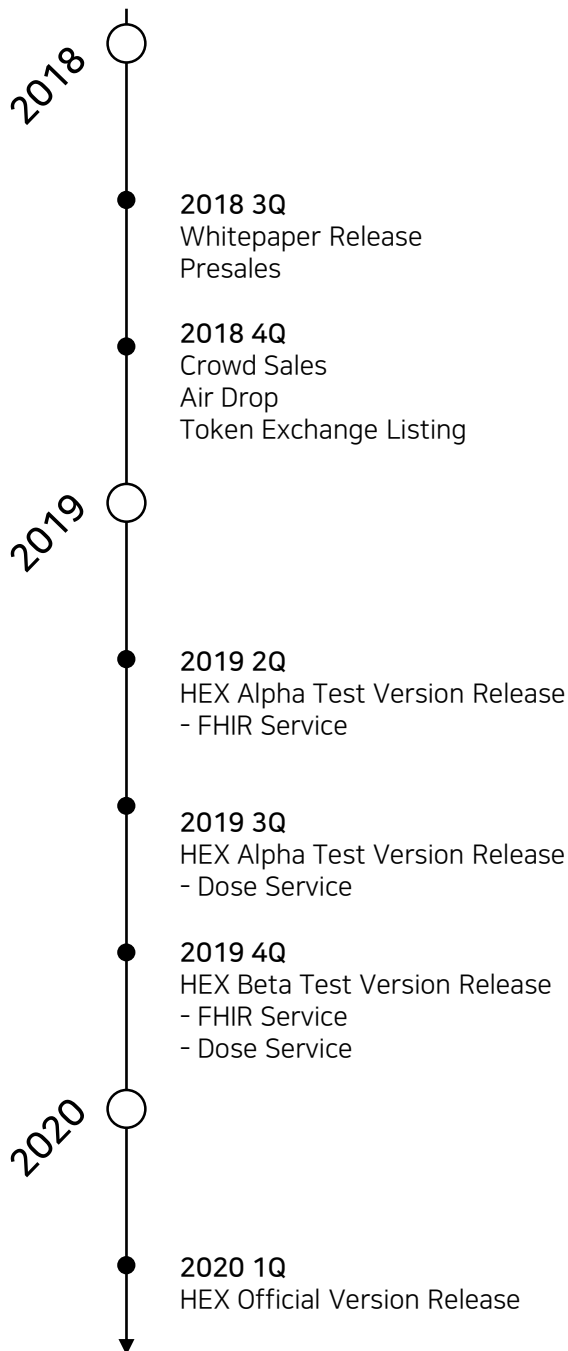
Data Creator

Receive tokens and redeem data-utilizing services as rewards for transferring medical data to the HEX system

Data Consumer

Consuming various medical data in the HEX system for research, marketing, providing services to individuals, etc., and paying for tokens in exchange for data consumption

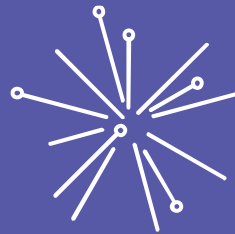
Roadmap(Plan)



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HEXperience



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