



with participation of Health Innovation NW

# My Health Hub powered by Aidbox

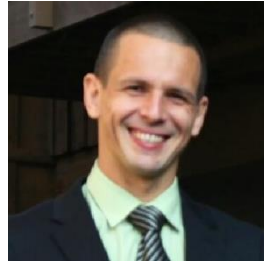
Move health data forward challenge

Hermosa Beach, 2016

## About Health Samurai

We are healthcare IT company with a unique expertise in development of sophisticated healthcare information systems using modern cloud technologies.

Health Samurai (HS) was one of the first companies that recognized a potential of a FHIR standard in 2012 and since has been an active contributor to the FHIR work group.



*Pavel Smirnov, CEO*

Seasoned technology leader with over ten years of experience managing healthcare IT projects.



*Nikolai Ryzhikov, Ph.D., CTO*

Exceptional software architect, Nikolai is engineering visionary with drive for delivering great bottom line results.

## About Health Innovation NW

Richard Bloch - Over 30 years of systems and software engineering experience in numerous government, military and healthcare projects. Mr. Bloch serves on the Board of Trustees of the Northwest Kidney Centers. He's also a life-long chronic kidney disease patient, and received a transplant in 2013.

Larry Lee - Healthcare sales and marketing professional with GE Healthcare, Siemens Medical, McKesson/RelayHealth, Wolters Kluwer/UpToDate, Viterion Digital Health.

Thomas Lang, MD - Practicing physician, currently ER, with IM training and practice in past. Most interested in making software easier to use in the 'trenches of healthcare delivery'.

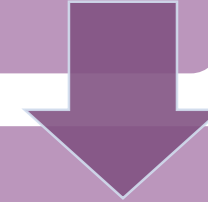
Edmund Butler - Digital health startup founder and a senior advisor to hospitals and health plans. Formerly an EHR product strategist in the US and UK.

Eric Fogel, MS MBA - Serial entrepreneur in the health IT and life sciences sectors. Focused on product management and building solutions that solve problems.

John L. Foy, MD, PhD, is focused primarily on physician-oriented functionality in hospital EHRs. He worked with the NIH Clinical Center and several commercial vendors.

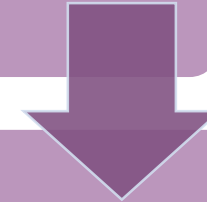
## Lack of industry accepted standards

- Being addressed by HL7 FHIR®, Argonaut project, HEART WG



## Closed ecosystems of legacy EHR vendors

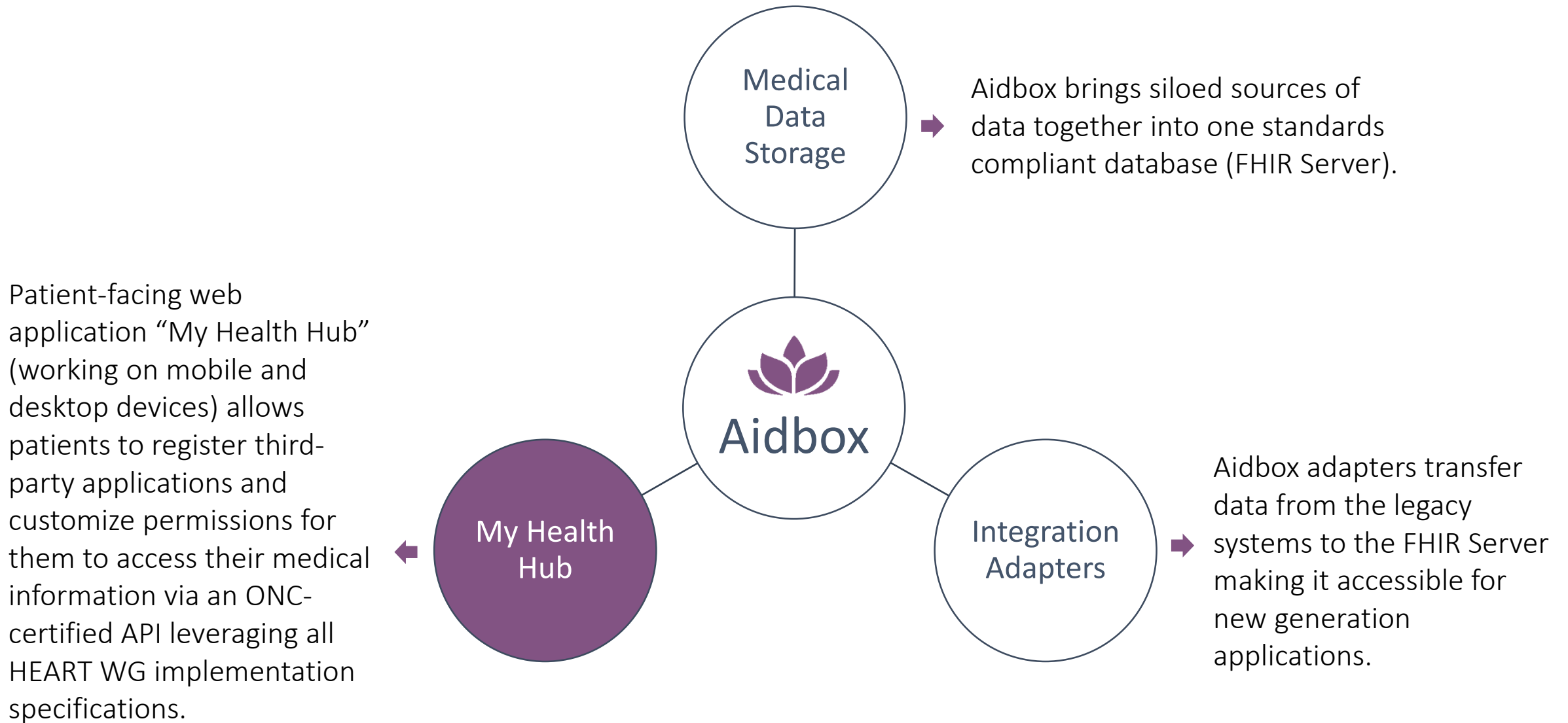
- Being addressed by ONC and CMS regulations



## No patient facing tools to control access to their EHR data

- My Health Hub powered by Aidbox from Health Samurai

# My Health Hub powered by Aidbox gives patients control over their health data in the EHR API world



## HEART WG Specifications



FHIR API (DSTU2, tested in the Argonaut project)



OAuth 2.0 provider (tested in the Argonaut project)



Policy-Based Access Control with User-Managed Access (UMA) implementation



OpenID Connect coming to Aidbox with My Health Hub development

## My Health Hub Advantages

- My Health Hub is a unique application built for the future digital health market with EHR systems that have open API and share medical data with patients
- My Health Hub is built on top of the FHIR® platform Aidbox, that has been tested in the project Argonaut
- My Health Hub can be deployed on top of modern EHR systems that have FHIR® API but it also enables interoperability for legacy EHR systems with use of Health Samurai FHIR® platform Aidbox.
- My Health Hub leverages HL7® FHIR® and HEART WG specifications to the full extent.

## Sample Use Case

Patient receives credentials for My Health Hub while at the provider organization. He logs into My Health Hub and registers a third-party application that he wants to use and which needs access to some of his medical data.

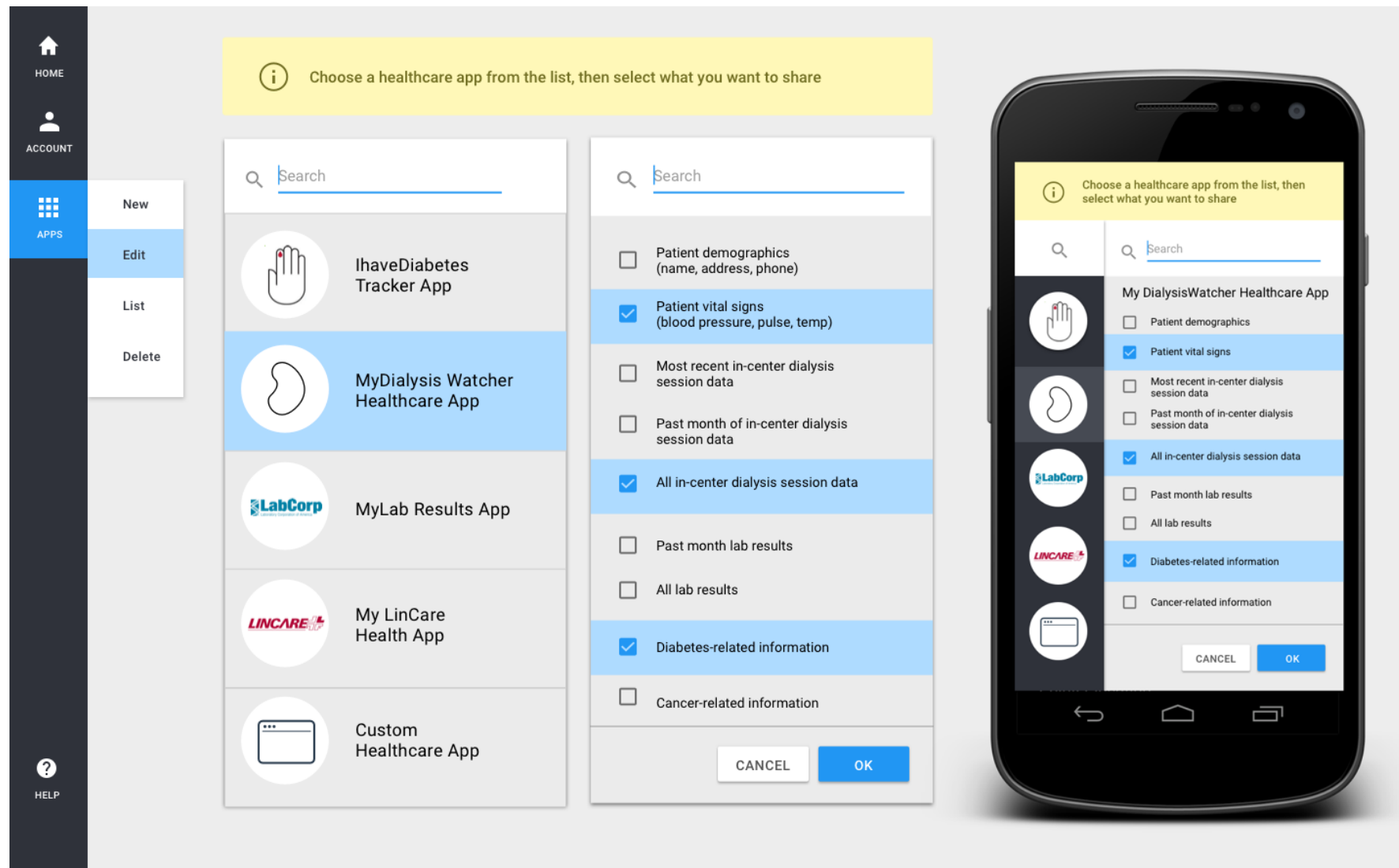
He chooses what data he wants to share with this application via a selection of pre-defined policies (e.g. “Demographics only”, “All lab test results”, “All problems except psychiatric” etc). He can immediately see what data will be shared with the application and add/remove policies in accordance with his needs.

Patient logs into third-party application with use of My Health Hub login (OAuth 2.0). third-party application receives patient’s data from My Health Hub via FHIR API.

Patient can register/de-register as many third-party applications as he wants and he can customize different permissions for them. My Health Hub powered by Aidbox receives data from legacy EHRs with use of available integration connectors.



# Peek into My Health Hub



## Contact Information

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“Fostering simplicity in the healthcare domain.”