get EHR data into apps in minutes
Problem

EHR data integration takes nearly a year

Day 0
We have an awesome idea for a healthcare application!

Day 30
We just finished our prototype, now we need patient data from EHRs

Day 330+
It took us months to ... - Build relationships with a health system’s IT and C-Suite - Sign the BAA - Secure for HIPAA - Open a VPN - Manage HL7 feeds

Day 360+ vs. 31 with 1upHealth
We integrated our app with EHR data, put it in a HIPAA compliant backend, and can access EHR patient data!

Fast-forward using 1upHealth
get EHR data in minutes
Solution: Build on a FHIR App Platform

App developers can build medical apps fast. Stop worrying about HIPAA, HL7 standards, and other infrastructure. 1upHealth saves a year of work!

FHIR API for Health
A complete FHIR toolkit built for health app developers

Clinical Data & Sensors
Connect user device metrics alongside clinical data from health system EHRs

User Permissions
Manage patient, provider, and user permissions programatically

Open Data
An open data set on providers and medical codes
Leader in Security

1upHealth won 1st place in Phase 2 of the Secure FHIR Server Challenge

- Don’t build your own authentication
- Use off the shelf / open source OAuth2 Servers
- Build serverless to mitigate DDOS

Code used to break into original Asymetrik server
Aggregate from 200+ health systems
“Demo”
Welcome to the UpHealth Demo App. You can sign in, connect your health systems, and view your medical record. Learn more about the tech behind this app in the git repo.

Login using your email :)

your@email.org
LOGIN
Welcome to the 1upHealth Demo App. You can sign in, connect your health systems, and view your medical record. Learn more about the tech behind this app in the git repo.

Check your email. We sent a magic link to log into your account :}
Your medical dashboard

Looks like you have no patient data
Connect some health systems
Welcome to 1upHealth's Demo App
Link your providers

Cerner Health Systems (demo)

Charlotte Eye Ear Nose & Throat Associates

Cheyenne Regional Medical Center
Email address or username

wilma_smart

Password

********

Sign In  Forgot Password?

Secure health identity provided by:

CernerHealth

FHIR Play uses Cerner Health to provide a secure username and password used to access your patient record information. Use this account to sign in whenever you see the Cerner Health logo.

If you don't own or control the computer you're using, turn on "private browsing" to protect your personal health information.
Authorization Needed

I, SMART, WILMA, (Not you? Sign out) request that FHIR Play Millennium share the following health information with 1upHealth.

FHIR Play Millennium will share this information until I log out:
- personal information
- immunization records
- conditions
- allergies and intolerances
- observations
- + more

View full list of information.

The information you share may be subject to re-disclosure. Consult 1upHealth’s terms of service and privacy policy.

I, as the authorized representative, am allowing access to the records of:
- SMART, WILMA (Self, 71)
- Smart, Dolly Sue (33)

Expecting different people?

- Please email me a copy of this authorization.

Clicking Deny will not impact treatment, payments for treatment, enrollment, or eligibility for benefits at FHIR Play Millennium.

Authorize  Deny
Connect Data jjfyydву@htjfкф.во logout

Your medical dashboard

Patient

WILMA SMART

User Facing Products

1up patient & provider apps sit on the 1up platform to facilitate data sharing
**Product benefits**

- **Developers** get immediate access to multiple EHR’s data.
- **Developers** don’t need BAAs or relationships with hospitals because access is patient mediated.
- **Developers** can surface content in front of doctors in their EMR by extending views and data into the 1upHealth provider application.
- **Providers** innovation teams can combine internal data with that connected by patients.
- **Providers** can view longitudinal patient data from multiple systems and apps in their EHR.
- **Patients** can connect data from multiple systems and share it with providers or developers who have no patient facing app.
Product Plan

**Sold (in prod)**
- Patient mediated FHIR Data Application Platform for consumer apps

**Selling (in dev)**
- HL7 provider data transformed to FHIR with Analytic access for provider apps

**Planned**
- Health System API platform with plug and play apps for health system app marketplaces
Industry Support

100 product companies with credit cards using the API platform, talking to large DNA / wearable 5 awards from U.S. HHS Federal Government 200+ health systems accessible via 1upHealth
An App built on 1up: Health AI Chatbot

Only took 16 days!

1st contact Jan 22nd

Demoed Feb 7th
A Cancer App on 1up: CureSoft

360 View
Single patient with data from 4 health systems
An App built on 1up: WoMBA for Payers

Market
100k+ users
Collect EHR data for life insurance underwriting
5 U.S. Government Awards

- U.S. HHS - Patient Data Aggregator
- U.S. ONC - Model Privacy Notice
- U.S. ONC - Data Provenance (round 1 & 2)
- U.S. HHS - Secure FHIR Server Challenge Stage 2
Questions?
email ricky@1up.health