

CMS Patient Access Rule

3rd Party Access Management



- <https://1up.health/products/cms-rule>
- <https://1up.health/products/cms-rule/patient-access-oauth2>

Contact kyle@1up.health, ricky@1up.health to learn more

About 1upHealth

10K

Connected
Health
Centers

650

Healthcare
Companies
on 1up APIs

7000

Transactions
processed /
second

10

Government
Awards in
Healthcare

1up works with



...MassMutual



MassChallenge
HealthTech
Winner (Best Co)
2019

\$1M LEAP Award
for FHIR Bulk Data
ONC Winner
2018

Secure FHIR
Server Challenge
HHS 1st place
2018

Privacy Policy
Snapshot
Challenge HHS
2017

HealthCare Data
Provenance
Winner ONC
2018

Consumer Health
Data Aggregator
Award HHS
2017

Requirements for Health Plans

CMS Patient Access Rule

CMS Final Rule released March 2020 including requirements for CMS-regulated health plans, Providers, and Hospitals



Provider Directory

Public API provider directory for in-network doctors & pharmacies



Payer-to-Payer Data Exchange

Ability for health plans to share health information with another health plan to which the member transitions



Patient Access API

Patients must be able to share claims, encounter, clinical & formulary data data via FHIR APIs & developers must be able to access

1upHealth Product Overview

Health plans can utilize one module or a **fully integrated solution to cover all CMS requirements**

← 1upHealth FHIR Platform as a Service →

Data Transformation

- Claims, Encounters > FHIR R4
- Provider directory integration



Winner of ONC health data provenance award

FHIR Server

- Cloud-based, auto update, serverless
- HIPAA compliant, SOC-II Audited
- Supports R4



Winner of HHS secure FHIR server challenge

3rd Party Access Mgmt

- Developer / member token management
- Developer console
- OAuth2 consent member app



Award for HHS consumer health data aggregator

Developer + Member Support

- Community, dev, & member support
- 3rd party app policy / security reviews
- FAQs / API Docs



Winner of HHS privacy policy snapshot

Platform Capabilities

- FHIR Bulk Data
- Subscriptions
- SQL interface for analytics
- Automatic updates

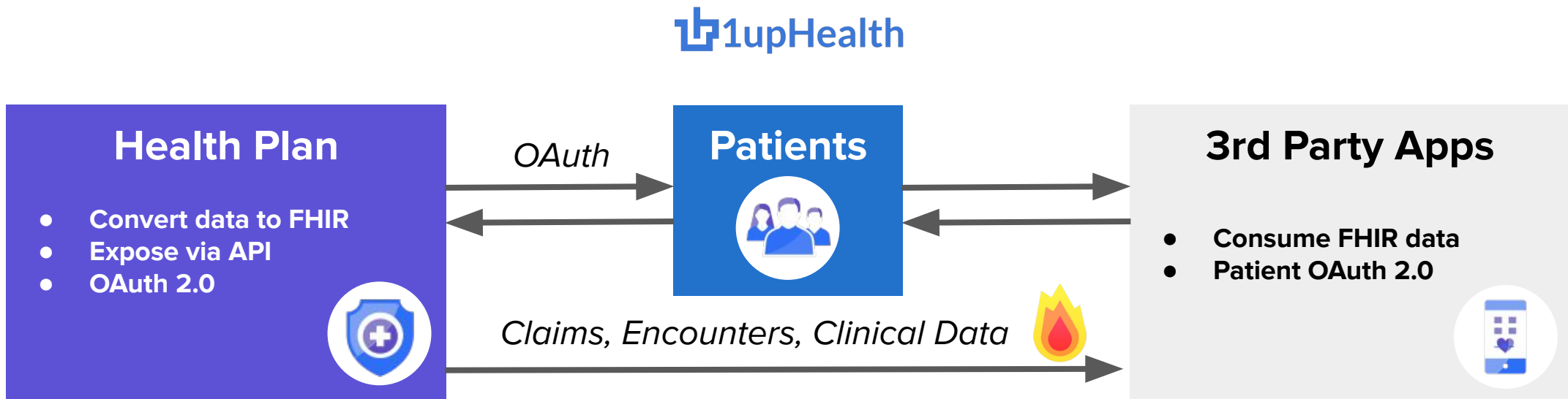


Winner of HHS \$1M Bulk Data LEAP Grant

(Focus of presentation)

Patient Access API - *by July 2021*

CMS-regulated health plans are required to implement a HL7 FHIR R4 API that allows patients to access their claims, encounter and a subset of their clinical info through 3rd party apps of their choice



Authentication Methods

1. With a Member Portal

Integrate with the existing member portal via an auth standard or integrate with your auth flow via a web driver or database access

2. Email / Phone Based Auth Code / O-Know-Proof

Need to tie email / phone to a member record. This auth leads to higher engagement as members may not have portal accounts


3. 2-Factor Auth

Not required, but can be implemented via email / phone based code + member portal username & password

3-Legged OAuth2 Flow (1 of 2)

3rd-Party Health App
(requesting a connection
with a health plan)

Health History App




Connecting your health plan data
will allow Health History App to do
awesome things for you!

1 **Connect Plan Data**

CMS Rule 3-Legged OAuth2 1upHealth Auth Flow


- 1 User taps a “connect” button or link in 3rd-Party App
- 2 3rd-Party application redirects the user to a Health Plan (1upHealth) Authentication webpage
- 3 User logs into the Health Plan’s (1upHealth’s) Consent App
- 4 1upHealth redirects the user back to the 3rd-Party app using the app’s `redirect_uri` with an auth code

**Health Plan
Member Consent App**
(white-labeled 1upHealth)



Authorize Health History?

Health History will be able to

 Read, create, and modify any of your medical data or any other patient's data to which you have access

username

password

Authorize data access

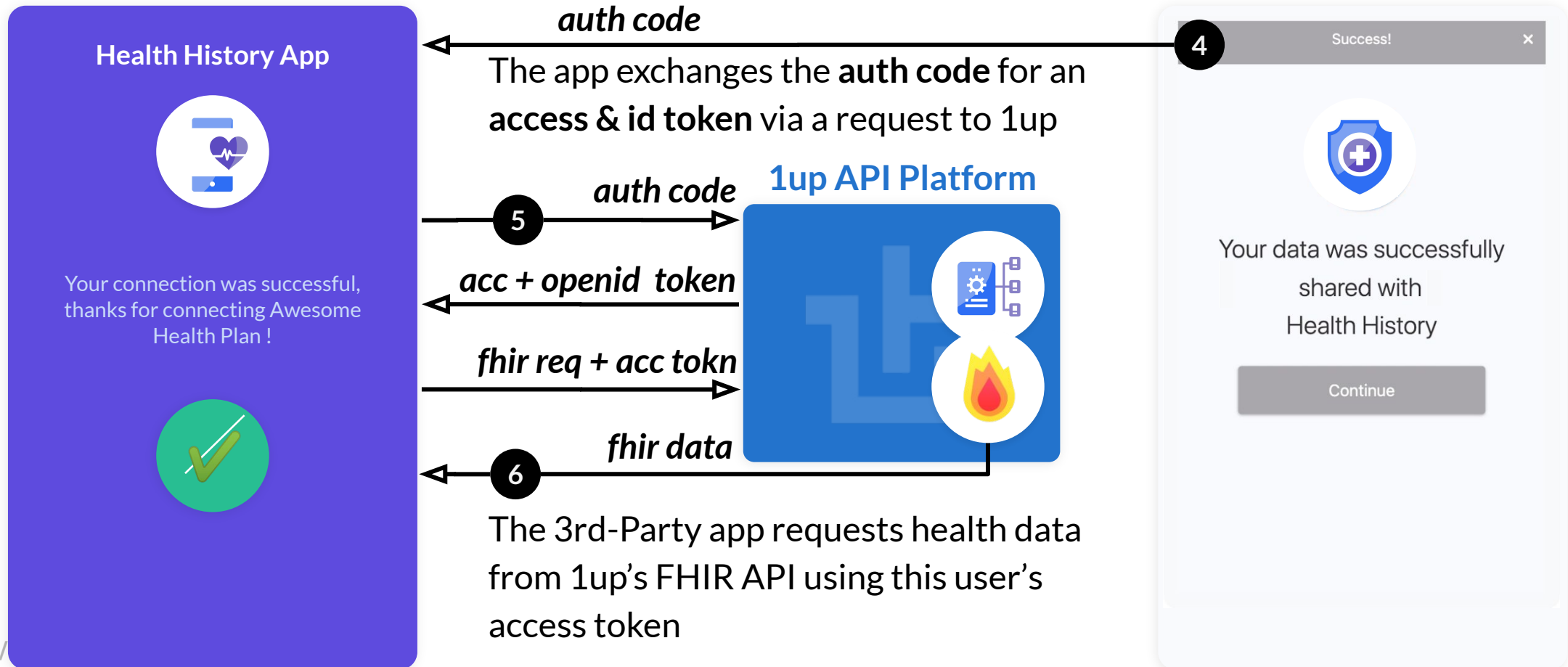
Deny Access

3-Legged OAuth2 Flow (2 of 2)

3rd-Party Health App
(requesting a connection
with a health plan)

CMS Rule 3-Legged OAuth2 1upHealth Auth Flow

**Health Plan
Member Consent App**
(white-labeled 1upHealth)




Consent Management (how providers do it)

Allow Access to Your Account

1upHealth wants you to share your health data with them by linking your MyChart account. Note that this app might have been created by a developer who is not affiliated with your healthcare organization.

Allow or Deny Access

1upHealth wants your permission to access the following information:

 This app will have access to your information until **Monday, April 20, 2020, 5:19 PM**

- Allergies
- Care Team
- Demographics
- Documents
- Health Goals
- Health History
- Implants
- Lab Results
- Medications
- Plan of Care
- Problems
- Procedures
- Immunizations
- Vitals

Because the app's developer has not informed us of how they plan to use your data, we recommend that you deny access to your account.

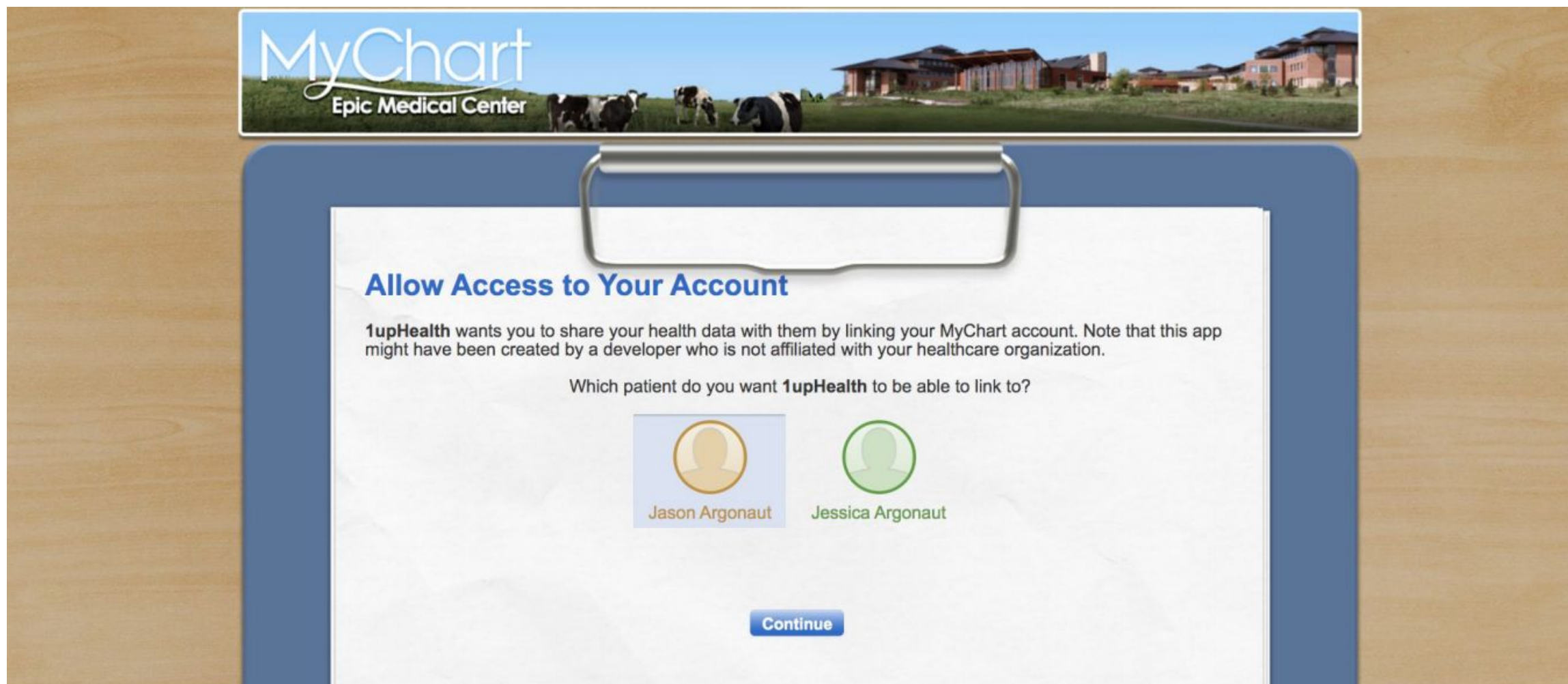
If you want to grant access, please proceed by confirming you have read the statements above. You can find further information within the app's privacy policy and statements.

☐ I have read the statements above

Back **Deny Access** **Allow Access**

MyChart® licensed from Epic Systems Corporation, © 1999 - 2015.

Consent Management (proxy access)



Data Sharing via Patients is Happening

Carin Alliance Health App Gallery

*1upHealth built the **CARIN** Alliance Healthcare App Gallery showcasing FHIR Apps*



MassMutual Using 1up for Life Insurance Clients

*"1upHealth are working with **MassMutual** to make sure we can all get our life insurance even though we cant be close to each other"*



Partners Healthcare Online Second Opinions

***Partners Healthcare** Online Second Opinions using **1upHealth** to get clinical data for provider second opinions*



3rd-Party Application Vetting / Gallery

Terms of Service / Privacy Policy Review

Do you notify members in the event of a breach? Allow members “to be forgotten”

Security Review - External vulnerability scanning tool like Rapid 7 or Veracode

Staffing - This needs some human oversight on an ongoing basis. 1up has to do it for all the apps that we authorize for CMS, VA, Epic, Cerner, etc.

Discover Health Apps

Affiliations

All Apps
CARIN Code of Conduct
1upHealth
CMS Medicare Blue Button 2.0
Commonwell
Carequality
Veterans Health Administration
COVID-19 Support

Platforms

iOS
Android
Web



1upHealth Patient App

1upHealth

1uphealth Medicare Veterans Health Administration

At 1upHealth, we believe that you should be in control of your health information. You choose how much data to share and where you want to share it. Looking for a second opinion? No more calling and waiting for faxed records. Need help managing your conditions? Easily share information with family and friends. Let us help you on your way to better health. Get connected today!



b.well Connected Health

b.well Connected Health

Medicare EHRs covid19

b.well is a middleware for interoperability and aggregation that consolidates real-time data and point solutions to deliver value to consumers.



Ciitizen

Ciitizen

1upHealth

Ciitizen is an online platform for patients - beginning with cancer patients - to collect and share their records digitally, free of charge.



myFHR (my Family Health Record)

Care Evolution

Medicare Veterans Health Administration EHRs

All your health information in one place. Under your control. Secure.

Questions?

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Architectural Overview

