Igniting Innovation with Cerner’s Open Developer Experience

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Cerner’s SMART on FHIR “Ignite” API Platform

Cloud Based ✔
Scalable ✔
Repeatable ✔
Standards Based ✔
Multi-dimensional ✔
Agile ✔
Defining the *code* open ecosystem

Collaboration

Consumer/provider needs met

Robust Ecosystem

Enable *code*
Pillars of “Ignite” Integration

Commercial Provider
Broad usage across Cerner clients via the code App Gallery.

Provider

Health System Built Innovation
Health system innovation - building new apps to fill niche workflows.

Consumer
Provider

Consumer Apps
Engaging the patient and consumer through the use of Apps

Direct to Consumer
Enterprise
Growing the innovation pipeline

2,600+ apps registered in sandbox

60 logged prospects
19 qualified prospects
12 in contracting

8 apps in validation stage → 21 validated program members → 40 apps in production

15,000+ unique app users
Cerner Open Developer Program
<table>
<thead>
<tr>
<th>FHIR Resources</th>
<th>Read</th>
<th>Create</th>
<th>Update</th>
<th>Search</th>
<th>Example</th>
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Install the Technology
Define a strategy/timeline on working to get the baseline API infrastructure in place

Understand the Different Pillars
Direct to Consumer (MU3), Enterprise commercial Apps, Health Institution build

Define Governance
Clearly define a governance structure to manage your open API/App strategy (Consumer, Clinical, Physician, Regulatory)

Inspect your Inventory
Evaluate your existing apps and technology and determine if any components fit into standards based technology

Evaluate the Ecosystem
Evaluate the different options within the open App ecosystem. Explore the App Galleries. Explore innovative and niche workflows at industry events and conferences
Developer Success

Define the Value
Clearly defining value objectives and identifying measurable KPIs are critical to the overall strategy and execution for App Developers.

Know your Target
Define your audience within the Health System (i.e. CNIO, CIO, COO, Innovation Directors).

Evaluate & Use the open tools
Perform a GAP Analysis with your use case against the available APIs. Get started in building your App.

Due Diligence
Cover the necessary areas for scale: Security, Hosting, Functional, Integrated workflow, UX.

Commercial Execution
Define Sales/Marketing strategies/channels along with aligning with Health System needs.
Ignite innovation

Open source collaboration
Collaborated to improve a cardiovascular disease risk app

Speed to innovation
Deployed a surgical support app in 1/3 the time of traditional methods

Supporting clinical workflows
Partnered to integrate mobile technology to measure and chart wounds

Consume innovation
Enhanced specialized workflows through the marketplace
Congratulations to our clients for connecting to Apple’s health record feature
As a developer, as a health institution, as a student, as EMR providers, as a clinician, as a patient…… as an *industry*, let’s Ignite Innovation *together*!