



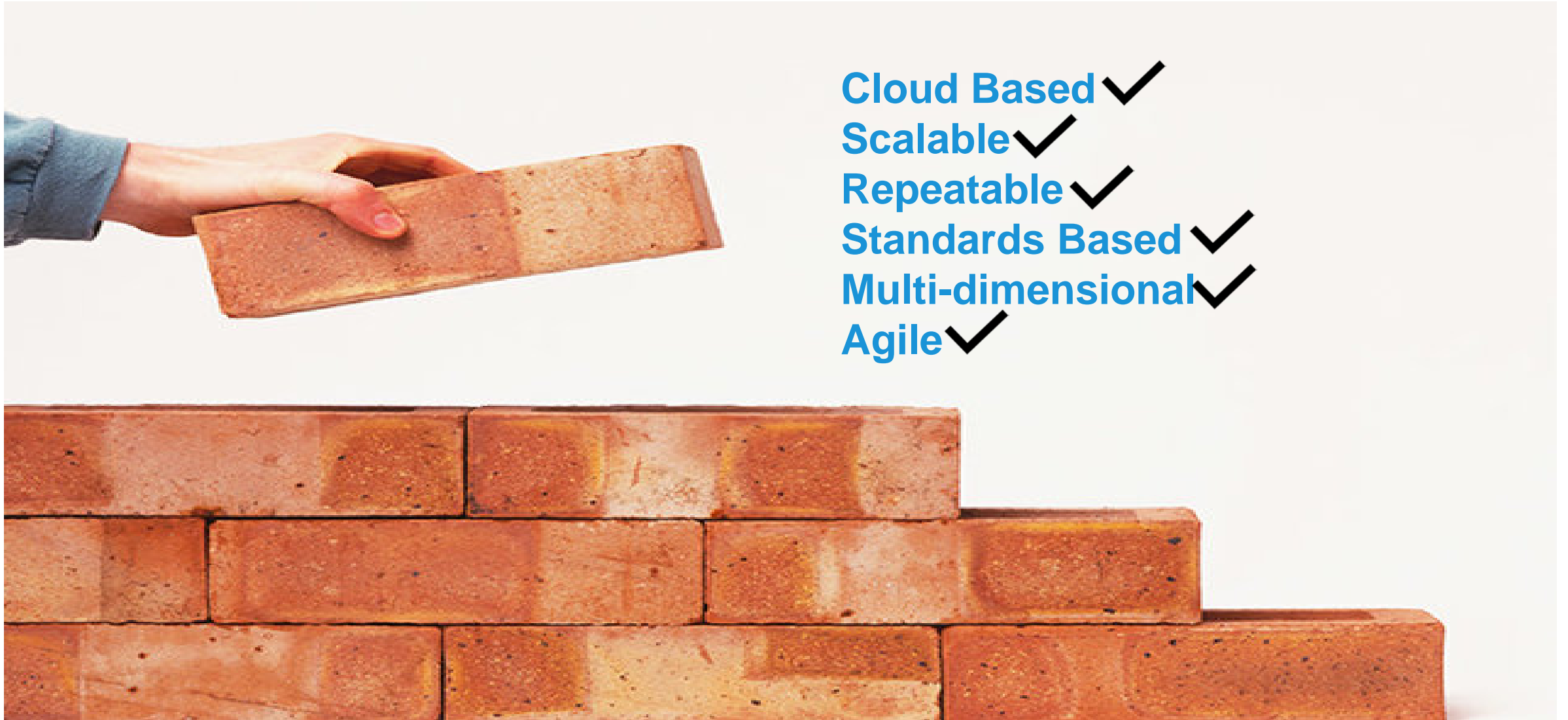
# Igniting Innovation with Cerner's Open Developer Experience

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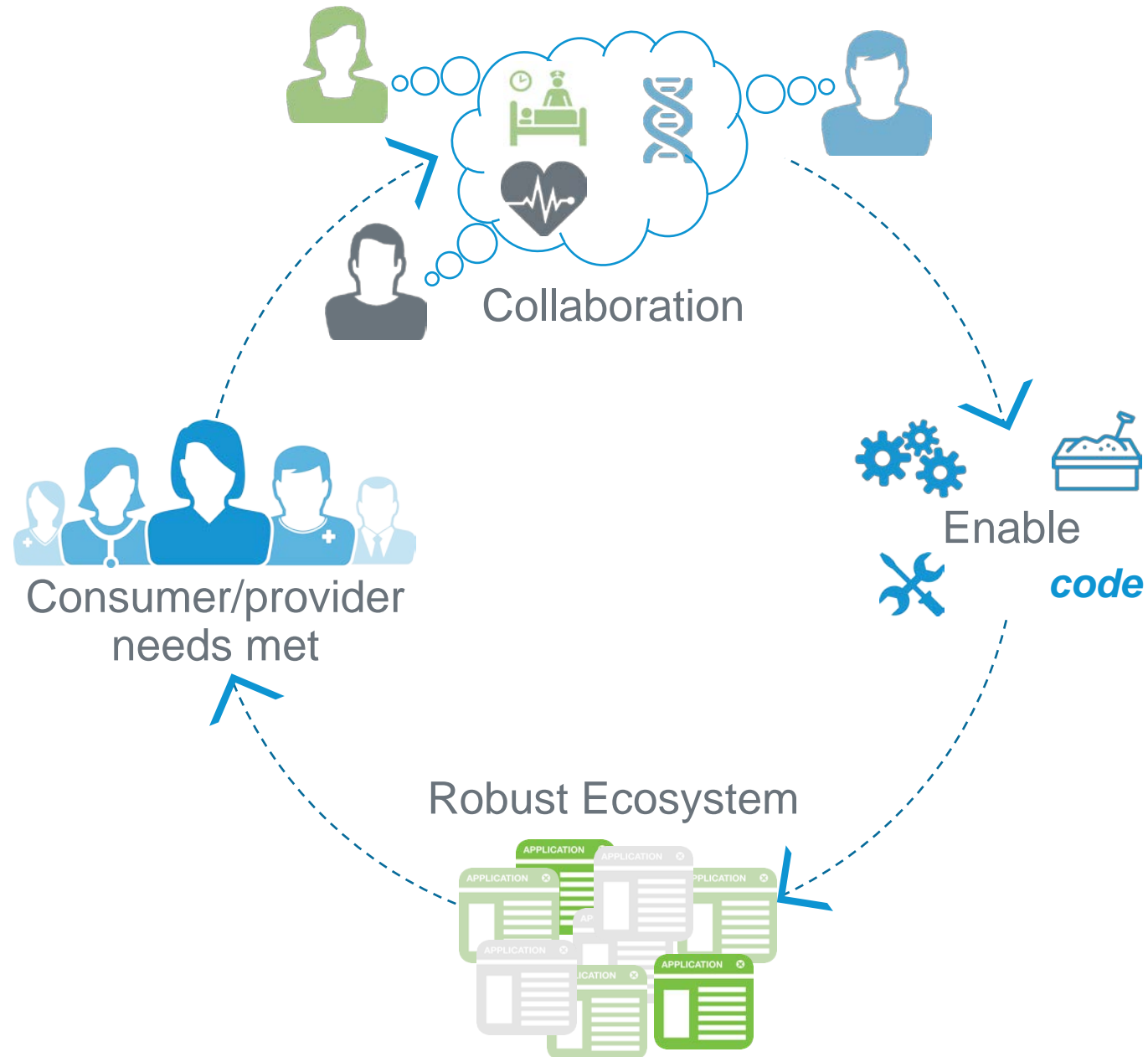


# Cerner's SMART on FHIR *"Ignite"* API Platform



- Cloud Based ✓
- Scalable ✓
- Repeatable ✓
- Standards Based ✓
- Multi-dimensional ✓
- Agile ✓

# Defining the *code* open ecosystem



Ignite change.

Cerner *code*

# Pillars of “Ignite” Integration

## Commercial Provider

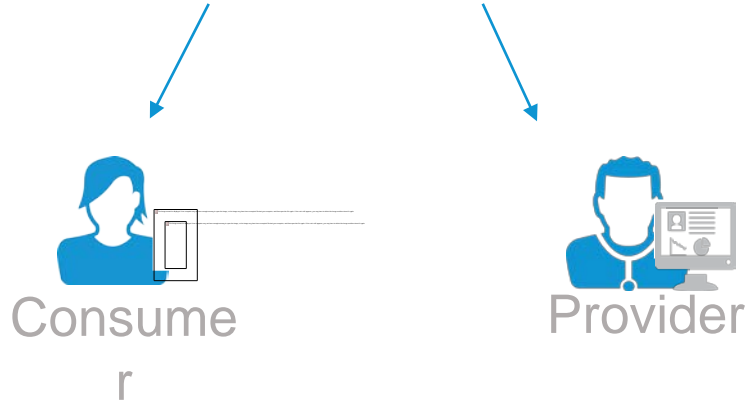
Broad usage across Cerner clients via the *code* App Gallery.



Provider

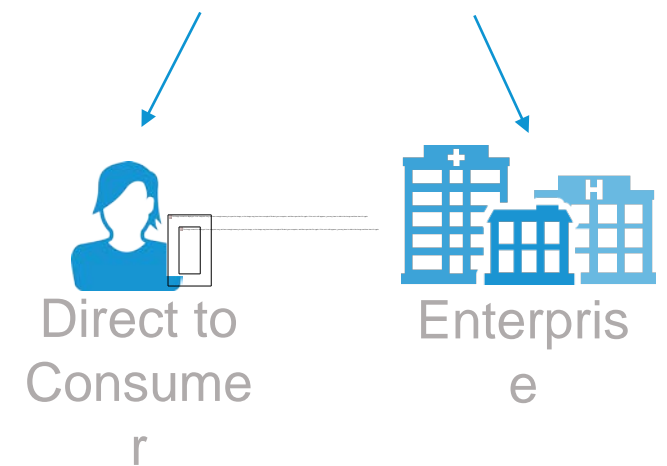
## Health System Built

Health system innovation building new apps to fill niche workflows.

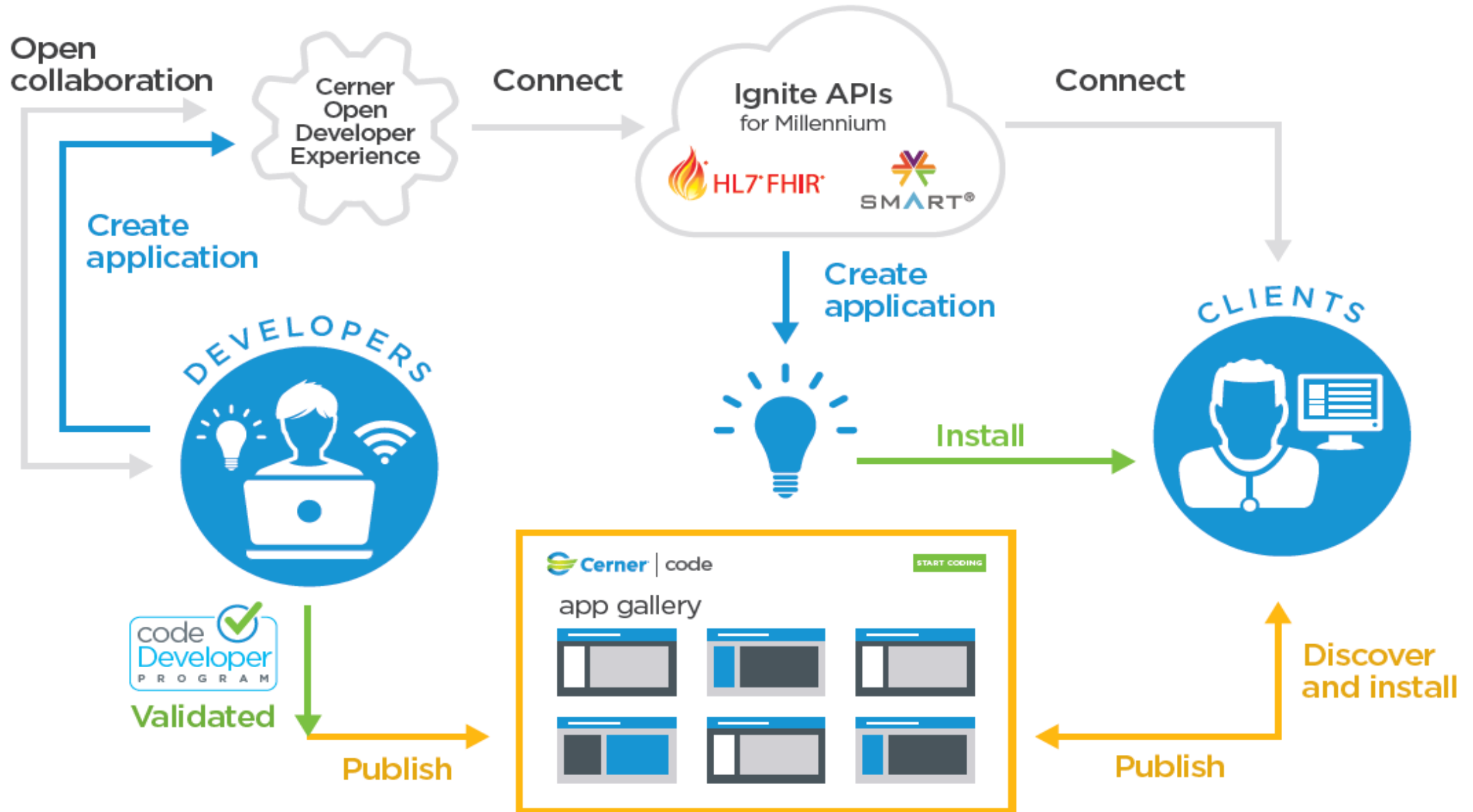


## Consumer Apps

Engaging the patient and consumer through the use of Apps

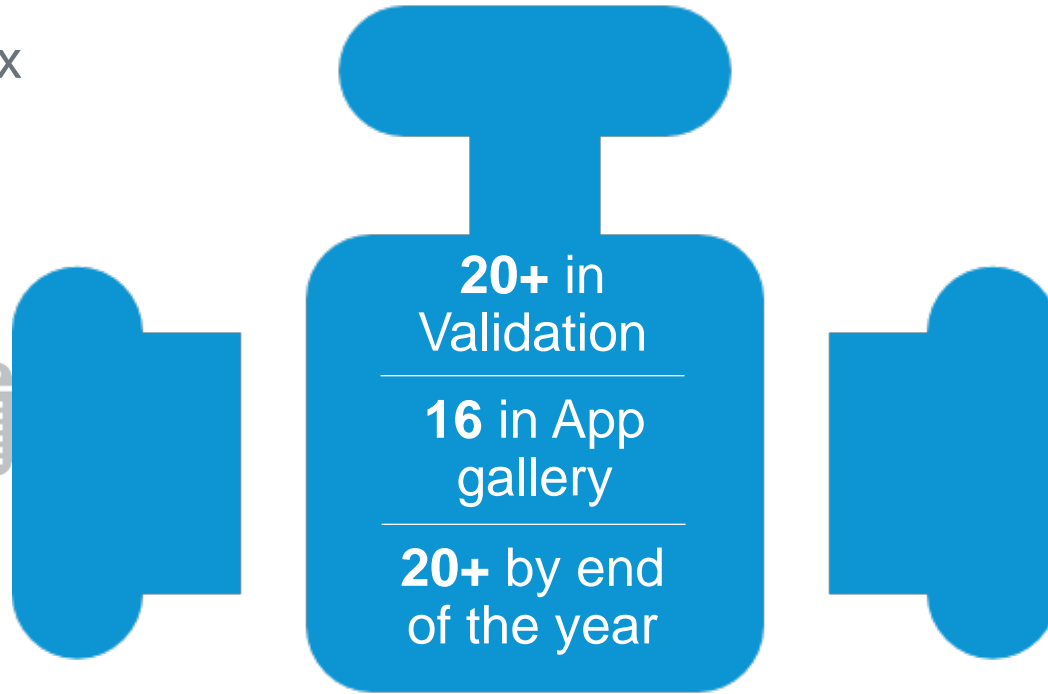
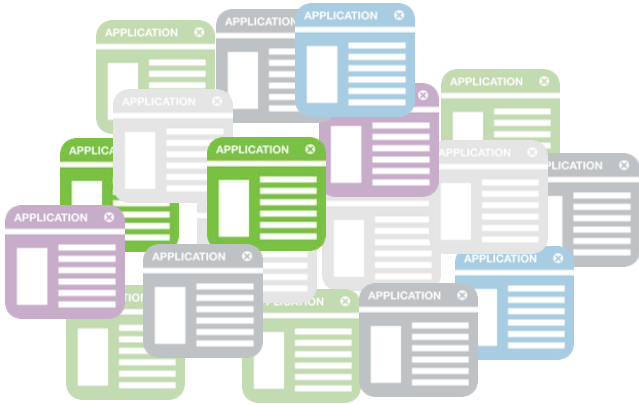


# Developer ecosystem



# Growing the innovation pipeline

1,000+ apps registered in sandbox



12,500 unique app users

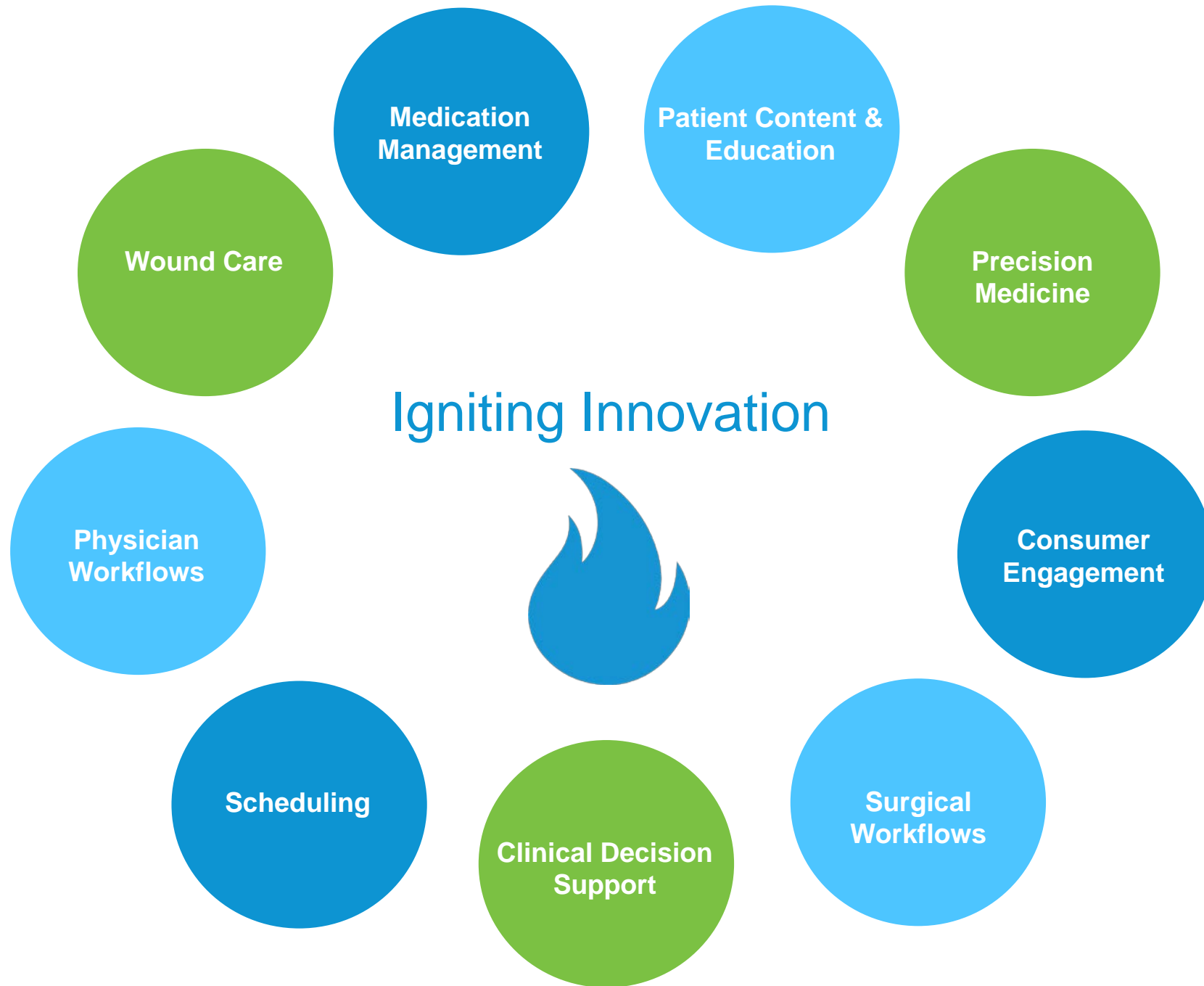
Center code Start Coding About App Gallery Submit an App FAQs

## App gallery

Browse currently validated applications and connect with developers

Join Cerner and explore infinite possibilities innovate at the intersection of health care and information technology. Browse our currently validated applications below and connect with developers. All validated applications have been approved by Cerner Corporation for integration and distribution. Visit our [FAQs](#) page for more information about the validation process.

<p><b>TISSUEANALYTICS</b></p> <p>Tissue Analytics increases the rates of hospital admission avoidance events (HAEs) and improves patient care outcomes for patients by displaying advanced patient analysis in real time. It integrates medical, imaging, laboratory, and other data and provides an interface that summarizes standardized event information, allowing clinicians to make more informed decisions and free up their time. Our technology is used by over 100 facilities across the U.S.</p> <p><a href="#">View App</a></p>	<p><b>healthwise</b> for every health decision®</p> <p>Healthwise SMART on FHIR The Healthwise SMART on FHIR app gives organizations a way to easily implement and seamlessly integrate patient education into their Cerner Millennium EMR.</p> <p><a href="#">View App</a></p>	<p><b>juxly</b></p> <p>Juxly Timeline Juxly Timeline integrates with PowerChart to display the right information in the right context to help you provide the best possible care. Display a patient's entire record on a single screen. Expand details, filter results, and easily find all of the data you need to easily make fully informed health care recommendations.</p> <p><a href="#">View App</a></p>
<p><b>visualDx</b></p> <p>VisualDx The new VisualDx is an award-winning diagnostic decision support system that has now expanded across primary medicine. As the leader in diagnostic accuracy, the software is proven to improve accuracy, save physicians time, and enhance patient care.</p> <p><a href="#">View App</a></p>	<p><b>KRAMES ON FHIR</b></p> <p>Krames on FHIR Krames On FHIR is a flexible solution suite for physician offices, hospitals, and health systems, for delivering patient education materials at the point of care. Using SMART on FHIR technologies, Krames On FHIR seamlessly integrates directly into the clinician's workflow, enabling them to provide recommended, trusted</p> <p><a href="#">View App</a></p>	<p><b>fdb</b> First Databank</p> <p>Medication Medication makes understanding how to take medications intuitive and simple, to improve patient health outcomes, as well as healthcare providers' financial performance through enhanced patient experience (HCAHPS scores) and 30-day readmission rate reductions.</p> <p><a href="#">View App</a></p>
<p><b>Boston Children's Hospital SMART</b></p> <p>Pediatric Growth Chart Pediatric Growth Chart provides a concise, minimal-click, interactive view of a child's growth over time. The application includes traditional growth curve charts, data tables, and a novel patient-facing summary view. Many graphical features assist in communication with the patient and Family Ambulatory and NCIU uses and</p> <p><a href="#">View App</a></p>	<p><b>RxCheck</b></p> <p>RxCheck RxCheck is the world's first Prescription Decision Support (PDS) platform. Integrated directly into the prescribing workflow, RxCheck surfaces patient-specific costs, adherence data, and P&amp;T-approved medication protocols.</p> <p><a href="#">View App</a></p>	<p><b>ePreop</b></p> <p>Surgical Valet ePreop, Inc. offers a wide range of software and workflow tools dedicated to simplifying the surgical experience for patients, RNs, administrators, and physicians. Surgical Valet™ is a modular software suite that places clinicians at the center of the Perioperative Surgical Home (PSH) and drives patient engagement, surgical</p> <p><a href="#">View App</a></p>



## Igniting Innovation



Medication Management

Patient Content & Education

Precision Medicine

Consumer Engagement

Surgical Workflows

Clinical Decision Support

Scheduling

Physician Workflows

Wound Care

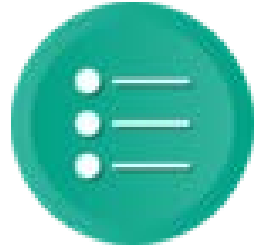
Wound Care

# Health Institution Success



## 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

Ignite change.



# 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



## Do 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 change.

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!*

