

Lumeon: A Partnership with Health Catalyst

Decrease variability in care delivery to reduce costs, improve quality, and transform the patient experience



Who is Lumeon?

Lumeon is an enterprise-wide SaaS platform that combines care operations automation, digital patient engagement, and care team tasking to deliver a holistic and comprehensive solution to revolutionize care delivery models. The Lumeon product covers the entire patient journey across multiple use cases and across the care continuum and can be configured and provisioned according to health system or provider goals, using Lumeon's pathway engine.

Intended users

- Providers
- Patients
- Payers

What does Lumeon bring to the partnership?

- **Care automation solutions** – Lumeon provides virtual pre-surgical readiness, next-generation patient access, and remote monitoring programs for patients with chronic diseases.
- **A care pathway library** – Providers can quickly configure and deploy templated clinical pathways that leverage innovative digital methods of care delivery.
- **A care automation platform that interfaces with patients and care teams** – Providers can leverage intelligent automation and orchestration to manage a shared plan of care across multiple teams and settings. By automatically adjusting activities and deploying the right resources, healthcare systems can deliver the right care to the right patient at the right time.
- **Lumeon engineers** – Engineers work with clients and Health Catalyst clinical improvement teams to map the care process into the care automation platform.

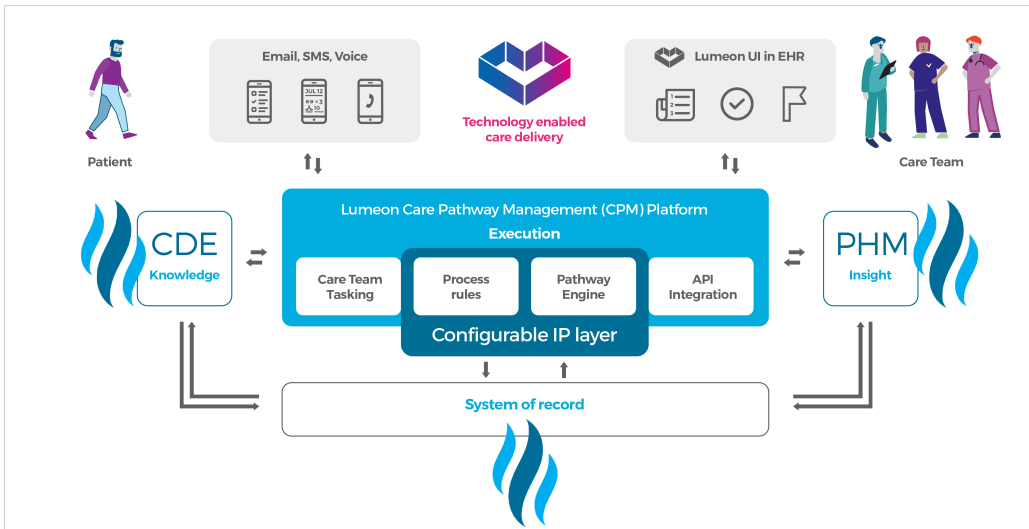
Potential data sources

- EMR - Clinical
- Claims
- Clinical Specialty

What does Health Catalyst bring to the partnership?

- **Source-of-truth data from our Data Operating System (DOS™)** – DOS quickly ingests data from the numerous information systems and siloed data sources to streamline the process and improve data quality.
- **Clinical improvement teams** – The Health Catalyst clinical and population health management (PHM) teams work with clients to map the clinical decision process and assessment steps.
- **Stratified patient cohorts and insights** – With the Population Builder™ application, providers can seamlessly stratify populations using multiple pre-defined, easily customized populations and predictive risk models as building blocks.
- **Analytics insights** – Health Catalyst analysts provide patient access and operational data analytics—and specific recommendations based on those analytics.

How do Lumeon and Health Catalyst work together?



An enterprise-wide agility layer combines Health Catalyst's platform, clinical decision engine (CDE) expertise, and PHM insights with Lumeon's care pathway library and automation platform, resulting in a complete, integrated care delivery pathway for care providers.

Benefits and features

- **Quickly configure patient journeys using Lumeon's pathway engine** – Providers can bring their own process rules that govern exactly the mode, channel, and frequency of intervention or procedure, as well as care team and patient process and engagement.
- **Determine the best action for the patient's care and deliver right in the clinician's workflow** – Health Catalyst clinical and PHM experts work with Lumeon engineers to develop a care journey customized to your healthcare system. Once developed, the Lumeon pathway engine provides the pathway right in the clinician's workflow.
- **Integrate with your EHR** – A Lumeon integration and data normalization engine consumes and pushes data from FHIR, API, HL7, and more.
- **Securely communicate decisions to the right people at the right time** – A Lumeon patient and provider engagement platform (with voice and secure SMS & email)—powered by data from the Health Catalyst DOS platform—enables the solution to communicate decisions and solicit feedback.

Success stories

Lumeon Customer Success Stories

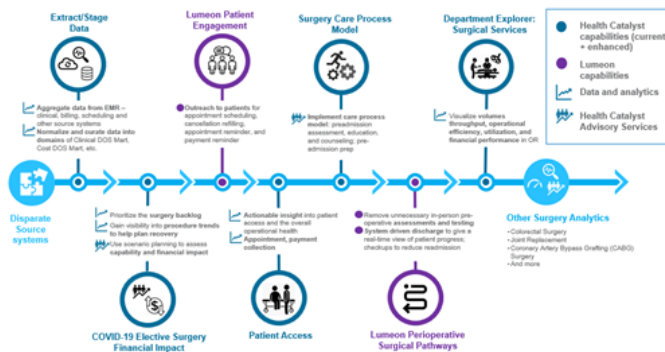
<https://www.lumeon.com/customers/>

For examples of how customers have used Health Catalyst products and services to improve outcomes, visit <https://www.healthcatalyst.com/knowledge-center/success-stories/>

Use cases

- **A preoperative unit** has a goal to get elective surgeries back on track during the COVID-19 pandemic. The image below shows how Health Catalyst and Lumeon work together to schedule and prioritize elective surgeries, identify and fast-track suitable patient cohorts through virtual preoperative readiness, and reduce over-ordering for preoperative tests.

Comprehensive Solution: Elective Surgery COVID-19 Recovery



- **A group of pulmonologists** wants to drive consistency in treatment of their COPD patients. They aim to 1) identify exacerbations early and 2) directly provide self-management advice without the intervention of a healthcare professional, enabling patients to take prompt action in the case of an exacerbation. Health Catalyst clinical experts work with the specialists to define current processes and identify opportunities for improvement. Lumeon engineers embed the updated protocols into the system and create an automatic client message based on patient status.

Contact us

For more information on how Health Catalyst products and services can help your organization, please contact us:

- Reach out to your sales representative
- Call us at (855) 309-6800
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