

HL7 Soup



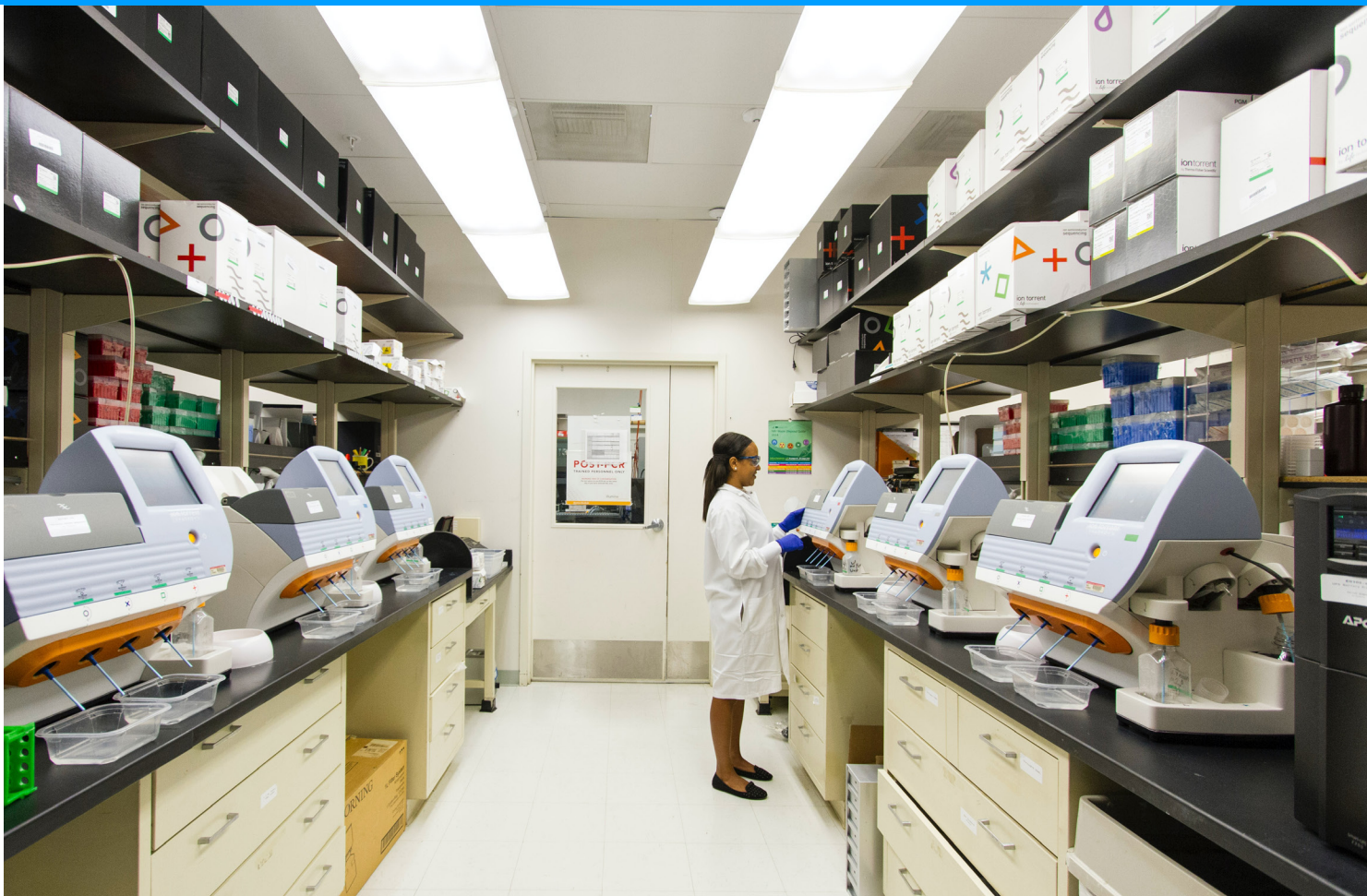
# American ACO Case Study

---

**HL7 Soup brings a robust, secure,  
and scalable integration platform**

**The HL7 Soup Integration Host enables development of an efficient, reliable, and scalable integration engine for an accountable care organization (ACO) in under two weeks, at a competitive price, while leading to improved patient care.**

---





# The customer challenge

---

Healthcare providers, such as accountable care organizations, rely on a robust, secure, and scalable integration platform to manage clinical and other data contained in electronic health records (EHRs). Because quality patient care depends on high standards of privacy and accuracy in EHRs, effective data transfer is mission-critical.

Healthcare providers also need to connect with external partner health information exchanges and state registries.

Unfortunately, some integration platforms have disparate, “siloed” systems, including billing records and patient tracking records, that do not effectively interface. As a result, providers face expensive (and potentially error-prone) duplication of healthcare processes, slower processing of EHRs, and, most concerning, delayed patient throughput, including appointments.

These duplications and delays may be further complicated where there are legacy systems built by vendors who are exiting the market and ceasing customer support in the process.

Cost, too, is a key consideration, from acquisition to ongoing maintenance. Healthcare providers therefore require a standards-based solution that balances affordable total cost of ownership with stability, simplicity, and scalability.



# The HL7 Soup solution

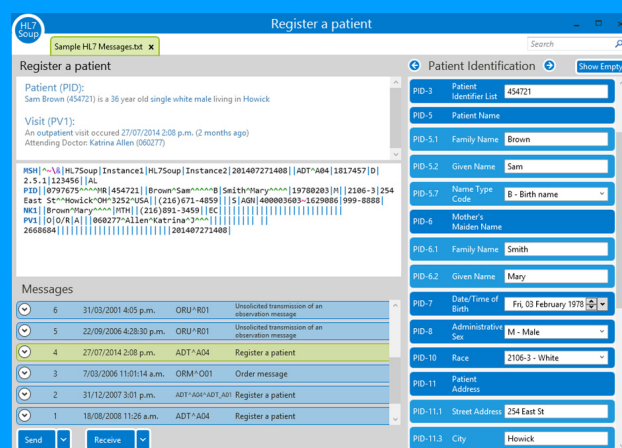
**HL7 Soup Integration Host is an interface engine that receives and routes EHRs and other messages, translating them into formats readable by the receiving system.**

“It’s an advanced engine for transferring clinical and administrative data between hospital information systems,” explains HL7 Soup founder Jason Bolstad. “It’s like a translator, speaking the language that describes a patient and their medical information. When a message is received via the HL7 Soup Integration Host, it can be unpacked, processed, and understood by other computer system, ensuring seamless integration.”

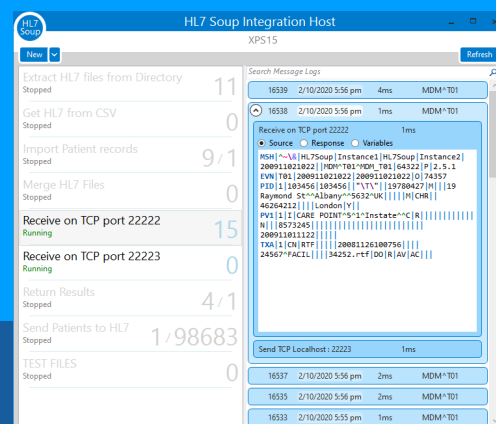
The Integration Host also offers intuitive, adaptive, and powerful tooling for healthcare providers and product vendors. Leveraging the benefits of HL7 and FHIR industry standards, including more efficient and effective customer adoption and future-proofing, HL7 Soup connects healthcare applications, devices, and other medical systems rapidly.

More specifically, HL7 Soup’s intuitive Integration Designer creates simple, repeatable workflows that direct data between systems. As the Integration Host is drag-and-drop, minimal if any additional code is needed. Built-in scheduling and alerting systems allow integrations to run at designated times, and can contact administrators if issues arise.

HL7 Soup Integration Host also runs continuously and with minimal human intervention, freeing up systems administration resources for other mission-critical responsibilities.



*In-depth monitoring made easy with Integration Host.*



## Key HL7 Soup Integration Host features include:

- HL7, FHIR, XML, CSV, JSON, and more
- On premise or in the cloud with AWS or Azure
- Connect medical applications, devices, and systems
- Process, transform, and manipulate messages
- Intuitive dashboard, scheduling, and alerts
- One-on-one sessions with experienced integrators

# Trialing the HL7 Soup Integration Host

---

A former senior executive with a leading healthcare decision support provider, Solutions Architect Jim Connolly now applies his deep domain expertise and industry experience in healthcare systems via the Product Engineering Institute. Working on behalf of an ACO, Connolly was tasked with developing an HL7 interface engine for EHRs.

Wanting the very best for his client, its staff and their patients, Connolly developed a competitive scorecard of leading vendors that included HL7 Soup. He needed to deliver a robust, scalable, and secure solution that offered a high degree of interoperability. He also wanted to build a solution that was based on the proven HL7 standard, giving his ACO the flexibility to integrate with all its customers and healthcare providers, current and future.

As a consultant to an ACO, Connolly also needed a product that was straightforward to transfer understanding and ownership to the ACO's technical team.

"There's a new generation of software products, and HL7 Soup is an example, which are low-code or no-code. They let me build solutions without having to hire engineers, as they provide a drag-and-drop WYSIWYG interface for intuitive use by a team member who knows the business needs. Competing products had a high barrier of knowledge to entry and were time-consuming to learn and implement. HL7 Soup, by comparison, turned this part of the project into a straightforward-mapping exercise."  
—Jim Connolly, Solutions Architect, Product Engineering Institute

The alternative solutions were anywhere from 10 to 50 times more expensive than HL7 Soup and would delay the project delivery by months, as they would have required considerable coding and scripting. Nonetheless, for a fair evaluation, Connolly downloaded a copy of each of the four, set up a test server and tested all products

# The implementation process

---

Leveraging HL7 Soup's standards-based toolset, low-code/no-code efficiency, and intuitive WYSIWYG workflow, he was able to deliver a stable, scalable, and reliable solution in under two weeks, for a fraction of the cost of competing solutions. Outcomes included:

- a simple-to-understand dashboard by which the Integration Host could be embedded into applications, and
- transformation of HL7, FHIR, JSON, XML, and CSV, while connecting and controlling databases, web services, and applications.

"After about two weeks, completing an end-to-end proof of concept, we licensed the HL7 Soup software. I implemented it with production HL7 messages coming from three major vendors, aggregated from hospitals. I was able to process 10,000 messages a day from the vendors, and HL7 Soup is now handling it without issues."

—Jim Connolly

Direct customer benefits included simple integration with third-party healthcare applications without disrupting existing systems, as well as continuous, reliable data transfer between existing systems that did not require third-party software vendor intervention.

To further optimize customer success, during the trial Connolly also tested HL7 Soup's industry-leading first line technical support, as well as its wide array of online video tutorials.

"During the free trial, when I wanted to check my technical approach, I had a direct line to the engineers and we'd be on a Zoom call the same day. They would tell me exactly how to do it, or confirm I'd taken the right approach and it was set up correctly. Another great perk is when you buy the software at the appropriate tier you get five hours of custom work."

—Jim Connolly

# Support when you need it

---

Further improving the experience for users, and easing the learning curve, is HL7 Soup's industry-leading first line technical support, as well as its wide array of online video tutorials. Both are available even during the 30-day free trial period.

As Jim notes, "When I wanted to check my technical approach, I had a direct line to the

engineers and we'd be on a Zoom call the same day. They would tell me exactly how to do it or confirm I'd taken the right approach, giving me confidence it was set up correctly. Another great perk is when you buy the software at the appropriate tier you get five hours of custom work."

"When I wanted to check my technical approach, I had a direct line to the engineers and we'd be on a zoom call the same day." - Jim Connolly

HL7 Soup offers a free version of the Integration Host on a 30-day trial basis. To learn more and arrange for a demonstration of the solution, visit [www.hl7soup.com](http://www.hl7soup.com)

## Get in touch

Auckland, New Zealand  
+64 21 075 8517  
[info@hl7soup.com](mailto:info@hl7soup.com)  
[www.hl7soup.com](http://www.hl7soup.com)