

# NEHEN: Transforming Healthcare Data Exchange



The New England Healthcare Exchange Network (NEHEN) is a reputable and trusted healthcare data exchange service offered by the Massachusetts Health Data Consortium (MHDC). Originally established as a standalone nonprofit, NEHEN is now integrated into MHDC’s service offerings. Since 1994, NEHEN has united healthcare payers and providers across New England, simplifying administrative workflows and enhancing data exchange through X12 EDI.

## NEHEN IS EVOLVING

As part of a transition project known as NEHEN 3.0, MHDC is expanding NEHEN to incorporate HL7® FHIR® (Fast Healthcare Interoperability Resources)\* APIs, offering even more options for healthcare organizations to streamline operations, enhance interoperability, and meet regulatory requirements. Adding FHIR to the existing X12 EDI services will provide a single environment to meet multiple data exchange needs.

\* FHIR® is a registered trademark of Health Level Seven International. Its use does not constitute endorsement by HL7.

## A PLATFORM BUILT FOR FLEXIBILITY

NEHEN’s expansion doesn’t mean one-size-fits-all. You can choose the services that suit your organization best:

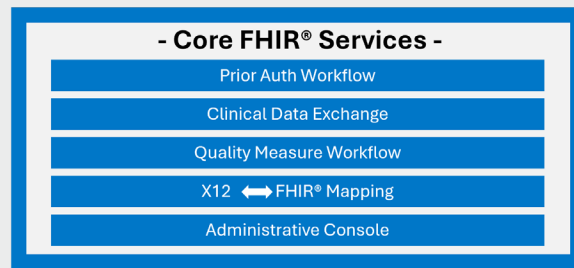
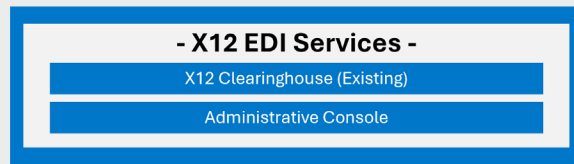
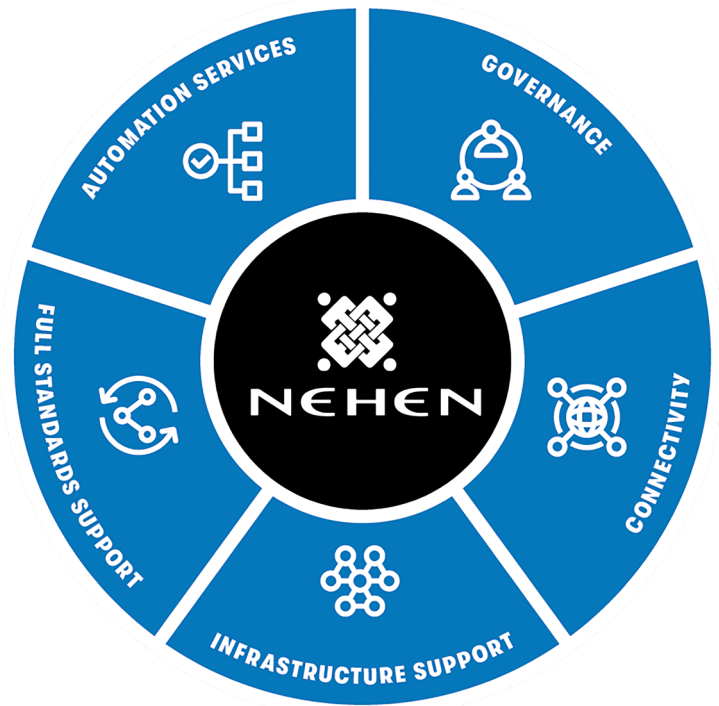
- **NEHEN<sup>EDI</sup>:** Continue using NEHEN’s X12 EDI transaction services for eligibility (270/271), claims (837), and remittance advice (835).
- **NEHEN<sup>FHIR</sup>:** Leverage modern FHIR-based services, starting with electronic prior authorization and quality measures and expanding from there.
- **Combine Both:** Take advantage of both X12 EDI and FHIR services for a fully integrated solution.

NEHEN <sup>EDI</sup>	
Transaction Types	X12 EDI transactions
Technology	Web standard-based, EDI-focused
Use Cases	Claims, eligibility inquiries, referrals, remittances, claims status inquiries (CSI)
Governance & Program Support	Managed through care group of business and technical users
Benefits	Cost-effective, stable, meets HIPAA requirements for X12 EDI transactions

NEHEN <sup>FHIR</sup>	
<b>Adds</b> FHIR®-based APIs	
<b>Adds</b> FHIR®/API architecture with real-time data exchange and automation	
<b>Adds</b> electronic prior authorization and quality data exchange, with room for expansion into other clinical and administrative data exchange	
<b>Expands</b> community governance including more robust strategic input and program management; adds iterative development with frequent releases	
<b>Expands</b> to support advances in modern data practices and technology, reduce operational burden, real-time exchange, and compliance with the 21st Century Cures Act	

## WHY NEHEN?

- **Flexibility:** NEHEN allows you to customize your experience based on your organization's needs.
- **Proven reliability:** Decades of experience connecting providers and payers with standards-based solutions.
- **Regulatory Compliance:** Our FHIR-based services help you stay compliant with CMS mandates, such as electronic prior authorization.
- **Seamless integration:** NEHEN's API services work with your existing systems, ensuring no disruption to daily operations.
- **Fair, customer-friendly pricing:** Transparent pricing tailored to the size of your organization.
- **Community-Driven:** NEHEN operates with a community-driven governance model, ensuring the platform evolves to meet the needs of its members and the industry.



- Various means of integrating (X12, CDS Hooks, SMART on FHIR®, native FHIR®, web portal)
- Single stop for multiple provider access for multiple use cases

- Various means of integrating (X12, CDS Hooks, SMART on FHIR®, native FHIR®, web portal)
- Single stop for multiple payer access including burden reduction/cost savings for multiple use cases

## GET STARTED TODAY

Contact us to find out how NEHEN can help your organization stay at the forefront of healthcare data exchange.

[nehen.org](http://nehen.org) • [members@nehen.org](mailto:members@nehen.org)



[mahealthdata.org](http://mahealthdata.org)