

# Napier Enterprise Interface Engine

Interoperability delivered at the point of care

Highly Scalable, Easy Implementation, Built for Today's Healthcare Environment

Valuable information is often stuck in departmental silos within an organization. An environment of seamless interoperability between departmental IT systems and external healthcare entities is the goal for most of the organizations. Using standards based communication protocols, the Napier Enterprise Interface Engine (NEIE) solves these interoperability challenges and ensures seamless integration and exchange of health data.

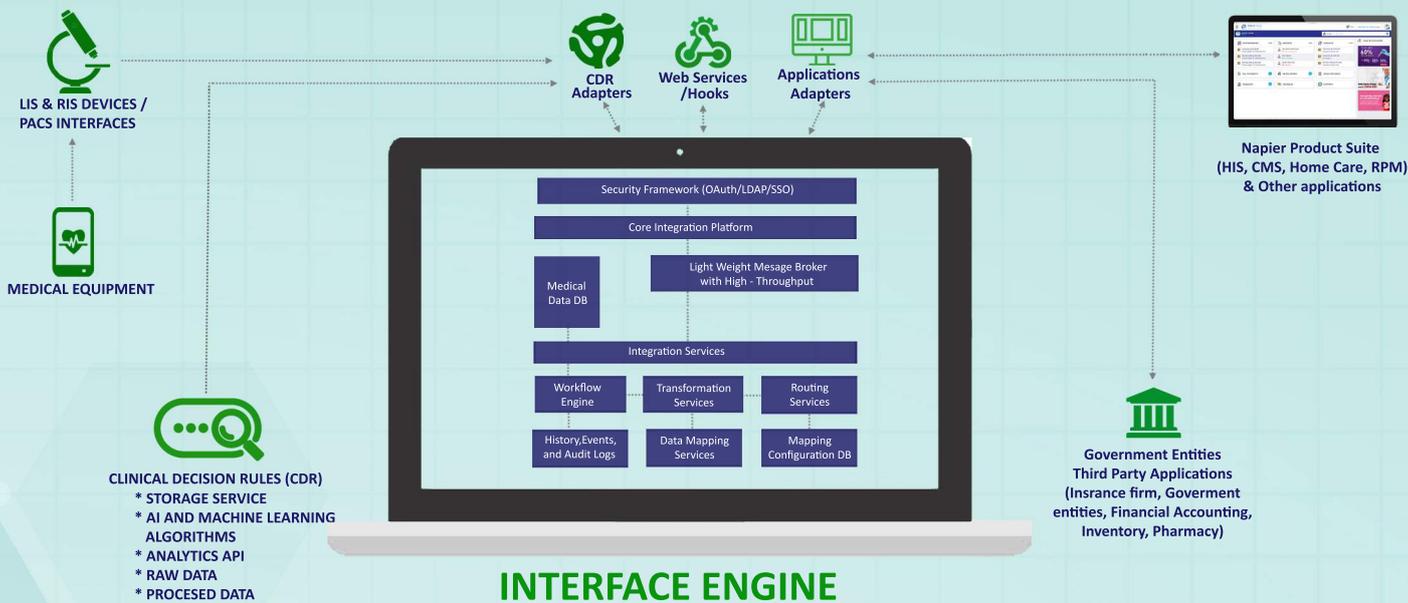
## The Unseen Power to Connect Your Software Systems

Provider organisations today work with disparate systems sourced from multiple vendors in an increasingly complex IT landscape. A single platform that allows communication between systems is the need of the hour. Using a one-time integration effort with NEIE, information can freely be exchanged between HIS, EMR, Pharmacy, Home Care, Nurse Call systems, PACS, Lab System, Printers, RIS, CDR, Medical devices, website or any other IT infrastructure within or external to the organization. Increasingly many medical devices are sold with built-in standard protocols like ASTM, HL7, TCP/IP, JSON, XML, SOAP and REST and this makes integration even easier. The NEIE comes in-built with a flexible and extensible mapper that can map any-to-any device using these standard protocols. Regulatory requirements demand that Providers connect to Insurance companies, Government reporting systems and other such external systems. Napier is committed to integrating with such standards bodies through the NEIE.

## Napier Enterprise Interface Engine

- 1** Supports interoperability between systems and medical equipment
- 2** Enhances cross referencing information across clinical, financial, and operational data
- 3** Supports high transaction volume between systems
- 4** Comes in-built with a flexible and extensible mapper that can map any-to-any device using standard protocols such as ASTM, HL7 etc.
- 5** Supports leading interoperability formats and standards
- 6** Customizable and connects with third party operating systems
- 7** In-built Clinical Data Repository (CDR)
- 8** Consists of a configurable and flexible Workflow, Transformation and Routing engine
- 9** Improves support through proactive interface and system login management
- 10** Scalable according to organization's needs
- 11** Maintains a history of events and has a full featured audit log
- 12** Deployable on the Cloud as Multi-Tenant solution and configurable to meet the needs of individual tenants

# How Interface Engine Works



The diagram above shows scalability and high availability options that are possible with NEIE.

## Seamless Integration without Limitation

NEIE is a healthcare integration platform that is designed to support the operations of a care delivery organization. Many of the Regulatory/Standard interfaces required in your country is available as a part of the base product shipment. Features are being updated with every release as per the market needs such that the interfaces remain current at all times. From interfaces to workflow to operational decisions, NEIE assists in modernizing the healthcare system.



- Reduce interfacing cost
- Reduce dependency on multiple software vendors
- Reduce processing time to obtain health data



- + Rapid interface development and deployment
- + Enhanced monitoring and alerts capability
- + Maximized value of technology investments
- + Increase productivity and simplified maintenance activities

## Other Napier Solutions:



**Napier AI Inside**



## AI for Healthcare Transformation

Artificial Intelligence (AI) continues to be a critical focus across the digital health ecosystem. The Covid-19 pandemic has accelerated the AI adoption in healthcare industry as hospitals are under pressure of staff shortages and overwhelming patient load. Doctors are embracing the potential of AI in making their job more effective and to dramatically shorten the triage time. AI solutions can help accelerate the detection of health conditions and with higher precision- conditions such as Pneumonia, Atelectasis, Cardiomegaly and many more can be screened in short period of time. Contact us today to find out more about how you can improve operational efficiencies with Napier AI Inside.



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