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Types of Integrations for the Vyne Medical Trace platform

trace



What is an integration?

Simply put, an integration is a communication between two or more diverse software systems. An integration can be either mono-directional (one-way) or bi-directional (two-way) so that data/functionality flows smoothly between those systems.

1 HL7 Integrations

HL7 is the most common form of integration and is the method the Vyne Medical Trace® platform uses to retrieve patient data for indexing, as well as build custom automation and workflow improvements. The HL7 interface helps to ensure that records are indexed accurately and consistently and facilitates auto-population of data fields within Trace. Additionally, records indexed to HL7 patient data and document type can be exported automatically from Trace to a designated document imaging system.



Helps eliminate manual data entry between Trace and other hospital systems

2 Export Integrations

Export integrations facilitate the transfer of information from Trace to external information systems such as the hospital's EHR or document management system.

- Export functionality can transfer both Trace transactions as well as the indexed information around these records to the receiving application
- Enables the inclusion of Trace files in the patient's medical record, while also eliminating the manual process of entering data from Trace into another system

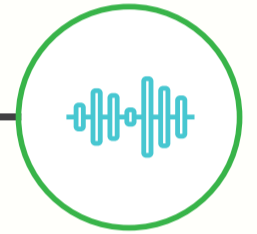


Currently supported file formats include:
File System, FTP, HTTP(S), LLP, RESTful, SFTP, SOAP, and TCP/IP

HOW DOES IT WORK?

The Trace file or image and its associated patient data are transformed into a format that the hospital client's system is configured to accept.

Trace sends associated files and images to the patient's chart. When these records are selected from the patient's chart, the EHR matches the patient data and displays the image.



For voice integrations, hyperlink functionality is used to deliver a link of an audio file to the patient record

3 Import Integrations

Files from other systems can be easily imported into Trace and subsequently made available throughout the system. Import is a valuable tool for automating common manual tasks such as recording and downloading phone calls, faxing results to referring physicians and creating work queues for hospital staff.



Data from a shared folder is polled for updates and files are imported into Trace for immediate accessibility

HOW DOES IT WORK?

Trace import works by importing files via a "cold feed" from a single shared folder that is periodically polled for new files. Once imported into Trace, images and recordings are immediately accessible for retrieval and routing to third parties.



Trace requires an image or audio file along with a corresponding metadata file



4 Custom Integrations

At Vyne Medical, we are always open to new ideas and designing innovations to help clients automate specific processes and workflows. Examples of recent custom integrations include creating orders within the EHR and auto-reconciling documents to a scheduled patient account. Ask us how we can help solve your business challenges with an integrated solution.

What data integration formats are available?

The Trace interface engine is extremely flexible and supports a variety of integrated data formats. Many of our integrations are conducted via HL7 and are supported with the newest HL7 standard Fast Healthcare Interoperability Resources (FHIR). We can also support cold-feed, web services and API integrations. The following shows our growing list of supported integrated data formats: CDA, CCD, CSV, EDI, FHIR, HL7, JSON, TEXT, X12, XML.



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vynemedical.com
800.864.2378

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