

# HL7 Analyzer

## Features - Overview

---

### Intuitive Interface

The HL7 Analyzer multi-view interface makes HL7 messages easy to view, easy to understand and increases your productivity.

The HL7 Analyzer interface is designed for both seasoned users and novice HL7 analysts, providing optimal readability and enabling you to be more productive. You will spend less time deciphering messages and quickly find that needle-in-the-haystack that is causing conformance errors.

HL7 Analyzer offers two modes for quick viewing of HL7 messages. Whether you choose a Hierarchical view or Flat Parse view, each mode provides a summary of all messages within a file or flowing over a TCP/IP connection. In each mode, HL7 Analyzer provides dynamic mapping between views, offering you the flexibility to point-and-click in selecting the most critical data elements.

As a healthcare professional, you will gain a clear advantage in using HL7 Analyzer. Whether you are an interface developer, systems analyst, or HL7 beginner, your work life will become more productive with added information at your fingertips to work effectively with application vendors or external healthcare providers.

HL7 Analyzer facilitates results by enhancing the quality of interfaces and shortening the cycle time needed to resolve integration issues.

---

### Dynamic Search and Filtering

HL7 Analyzer, with its powerful search and filtering capability, allows you to find messages specific to your interest. You can search and filter anywhere within the HL7 message for a value in a field, for multiple values in a segment, or multiple values within a group.

With HL7 Analyzer, you have the same options in filtering and searching. Searching finds individual instances one-at-a-time while filtering returns a filtered set of messages that meet the defined criteria.

Use HL7 Analyzer search and filter to trace specific HL7 data to troubleshoot issues. Some of the fields you may search and filter by include:

- Patient Name
- MRN
- Ordering Facility
- Message Type

HL7 Analyzer provides flexible and powerful search and filter capability that allows accelerated troubleshooting and analysis.

*"HL7 Analyzer helped to quickly filter a file of 10,000 messages and find only those messages with a specific error segment. From here, I was able to determine the percentage of error messages that we were receiving from one system. HL7 Analyzer enabled me to quickly find the information required to escalate the issue to resolve an application's HL7 interface problem."*

*Radiology Ltd.  
Jeanne Bacon, Interface Analyst*

---

## HL7 Conformance Checking

HL7 Analyzer's conformance checking saves you time and reduces message processing errors. Get reliable validation of your HL7 messages against the HL7 standard.

HL7 messaging standards are flexible, but can also be complex. Manually checking messages for compliance can take days, be tedious, and is prone to errors.

HL7 Analyzer is designed with a powerful conformance checking feature that gives you quick validation of your HL7 messages against the HL7 standard for complete accuracy.

Initiating a conformance check enables you to debug error prone messages—detecting any problems before you go live. Analysts can create sample messages for testing application vendor-developed interfaces to ensure conformance.

Once the HL7 messages are checked for conformance, HL7 Analyzer issues a comprehensive error report outlining differences between the message data and the expected message structure. HL7 Analyzer even provides a reason for nonconformance.

HL7 Analyzer conformance checking helps save you time and reduces message processing errors.

## About Corepoint Health

Corepoint Health solutions deliver interoperability for healthcare organizations and simplify the complexities of healthcare data through practical software applications, consulting and training. Our innovative and proven software solutions leverage clinical data flow efficiently for a diverse group of healthcare entities including hospitals, imaging centers, laboratories, clinics and healthcare vendors. This next generation approach to healthcare data and streamlined workflow is where Corepoint Health specializes in helping customers discover the power of integration.

[www.corepointhealth.com](http://www.corepointhealth.com)

Corepoint Health  
6509 Windcrest Drive  
Suite 160B  
Plano, Texas 75024  
469-229-5000  
[info@corepointhealth.com](mailto:info@corepointhealth.com)