

# HL7 Analyzer

## Value by User Role

HL7 Analyzer users gain a clear advantage in their daily work efforts. Whether you are an interface developer, systems analyst, or HL7 beginner, HL7 Analyzer will make your work life more productive and give you more information at your fingertips to work with application vendors or external healthcare providers. The results enhance the quality of clinical data interfaces and shorten the cycle time needed to resolve integration issues.

### HL7 Analyzer Value

Role	Key Elements	Value
Interface Developer	<ul style="list-style-type: none"> <li>Test message conformance to an HL7 or user-defined message profile</li> <li>Simulate an HL7 message exchange to and from any healthcare software application</li> <li>Test and debug a healthcare software application's TCP/IP interface</li> <li>Test and debug HL7 messages</li> </ul>	<ul style="list-style-type: none"> <li>Ensure that messages match HL7/business/clinical requirements</li> <li>Accelerate delivery of proven interfaces</li> <li>Support and maintain several, simultaneous TCP/IP connections</li> <li>Increase responsiveness to customer support issues by quickly isolating message problem areas</li> <li>Collect test data and detect errors or problems before going live</li> </ul>
HL7 Analyst, Systems Analyst, or Application Analyst	<ul style="list-style-type: none"> <li>Test message conformance to an HL7 or user-defined message profile</li> <li>View, parse, and read HL7 messages from various interface engines and healthcare software applications</li> <li>Test TCP/IP connections for interface exchanges</li> <li>Test sample message data with various healthcare software applications</li> </ul>	<ul style="list-style-type: none"> <li>Validate message quality against selected HL7 or user-defined standards</li> <li>View thousands of messages in a customized format for quick review of large amounts of data</li> <li>Interactively view HL7 messages and understand what will be or has been sent or received</li> <li>Test connections and message formats to different interfaces</li> <li>Collect test data and detect errors or problems before going live</li> </ul>

<b>Role</b>	<b>Key Elements</b>	<b>Value</b>
HL7 Beginner	<p>Read HL7 messages</p> <p>Identify content of HL7 messages</p> <p>Detect HL7 message errors</p> <p>Search HL7 messages for specific data elements</p>	<p>Built-in HL7 knowledge defines the message elements without having to look at the HL7 specifications</p> <p>Interactively view HL7 messages and understand what will be or has been sent or received</p> <p>Trace specific HL7 data to troubleshoot issues or search by patient name, MRN, ordering facility, message type, etc.</p>

## 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.

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