



# Clinical Architecture<sup>®</sup>

ACQUIRE

CREATE

MANAGE

SHARE

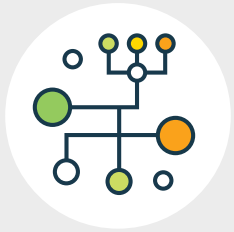
UNDERSTAND

UTILIZE



# About Us

Founded in 2007, Clinical Architecture has become the leading provider of innovative healthcare solutions focused on the quality and usability of clinical information. Our customers include leading provider organizations and IDNs; EMR/EHR, population health and analytics application vendors; pharma and life sciences companies; health information exchanges, content publishers and the payer community. Our healthcare terminology platform comprehensively addresses the acquisition, management, distribution and utilization of terminologies, unstructured text, and clinical knowledge enabling our clients to overcome industry gaps in interoperability, decision support, and analytics.

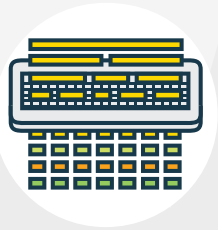


## TERMINOLOGY MANAGEMENT PLATFORM

Through a centralized platform you can normalize inbound data, easily import local content, acquire terminology standards, map term sets, and uncover clinical concepts in unstructured text. Our terminology management platform is an enterprise-level solution designed to comprehensively address the management and utilization of disparate clinical information.

## SEMANTIC INTERPRETATION OF FREE TEXT (SIFT)

“The volume of unstructured data present in most clinic-based systems is estimated at 80 percent and growing.”<sup>1</sup> SIFT is an innovative approach to Natural Language Processing (NLP) that allows healthcare organizations to quickly uncover and convert key information from free-text into actionable discrete data. Like a highly sensitive lab instrument, SIFT can be tuned to detect and return very specific clinical concepts (e.g. FEV1, Ejection Fractions) or used more broadly to uncover multiple domains at the same time. This flexibility allows organizations to optimize a variety of clinical processes including medication reconciliation, clinical decision support, population health analytics, clinical coding, clinical trials recruitment, and others.



<sup>1</sup>FY16 HIE in Practice Task Force (2016). Blending Structured and Unstructured Data to Develop Healthcare Insights.

## ADVANCED CLINICAL AWARENESS SUITE

No one medical record system contains all the health-related information about a patient. The complete picture can be spread across many venues of care delivery and reimbursement. Data aggregation platforms do a good job of pulling all this information together, but more data doesn't automatically mean more understanding. The Advanced Clinical Awareness Suite looks across the collection of information, normalizes it into a standard framework and surfaces intelligence using inference rules. The resulting assertions can suggest missing diagnoses, recommend orders, calculate risk scores, provide advice, issue alerts, or build other custom actions. These assertions, relevant supporting evidence, and dynamically general narratives corroborating the assertions are fed back to your system for adjudication by the clinician. Arm your clinicians with critical insights from information they never had access to before.





Symedical is a comprehensive software platform that addresses all aspects of terminology management. Through sophisticated software and flexible runtime services (APIs), Symedical provides a fully customizable platform for the acquisition, maintenance, and distribution of the terminologies you need. Any content: standard, local, proprietary, and free-text.

Symedical supports centralized control of terminology by supplying content, tools, and integration software in one enterprise solution. Access to over 400 content assets including standard terminologies, HL7 value sets, reference maps, and more. Authoring, mapping, modeling, normalization and other capabilities are available, as well as additional modules for distribution, remote access, and other advanced functionality. Sophisticated term search, relationship navigation, and real-time interoperability are easily integrated with Symedical’s Runtime Web Services (APIs).

## Symedical Packages

	Basic	Standard	Professional	Premium
<b>Terminology Management Platform</b>				
Content Portal	✓	✓	✓	✓
Catalog Manager	✓	✓	✓	✓
Content Model Manager	✓	✓	✓	✓
Map Manager	—	✓	✓	✓
<b>Distribution</b>				
Content Distribution Architecture	—	—	Add-on	✓
Universal Distribution Architecture	—	—	Add-on	✓
<b>Web Services (APIs)</b>				
Runtime Interoperability Engine	—	—	Add-on	✓
Runtime Terminology Engine	—	—	Add-on	✓
Core Integration Engine	—	—	Add-on	✓
<b>Add-On Suites</b>				
Enterprise Management Suite	—	—	✓	✓
Remote Access Suite (Waypoint)	—	—	✓	✓
Domain Design Suite	—	—	Add-on	✓
Advance Clinical Awareness Suite (Inference)	—	—	Add-on	✓
Semantic Interpretation of Free Text (SIFT) Suite	—	—	Add-on	✓

## Why Healthcare Terminology?

Our mission is to help evolve healthcare. Terminology provides a foundation for the exchange and utilization of quality clinical information, which affects care delivery, healthcare costs, and overall outcomes. We are excited to play a structural role in helping our clients acquire and use better clinical information, so that together we can make a meaningful impact on healthcare delivery.



BETTER INFORMATION. BETTER HEALTHCARE.

11611 N. Meridian Street  
Suite 500  
Carmel, IN 46032

317.580.8400

[www.clinicalarchitecture.com](http://www.clinicalarchitecture.com)  
[sales@clinicalarchitecture.com](mailto:sales@clinicalarchitecture.com)

