

## PenRad provides the Solution for Legacy Healthcare Platforms

The healthcare industry faces the classic tradeoff between mature platforms with a rich scope of well evolved functionality vs. newer platforms that natively support emerging technologies yet fall short in breadth and scope of features. And with the high cost and pain of migrating systems that have been in place for many years, it is obviously desirable to find ways to ***enhance existing systems to adapt them to emerging needs.***

Legacy EMR's store clinical data using a combination of proprietary enumerated data-points and unstructured narrative text. FHIR and CQL challenges this by demanding structured records based on collection of internationally recognized clinical ontologies (SNOMED-CT™, LOINC™, RxNorm™, etc.)

The core capability of the platform is an in-memory clinical computation engine, built from the ground up to meet the unique demands of performing real-time FHIR™ and CQL™ processing on medical records.

By engineering a completely new platform from the ground up with FHIR, CQL and CIMI clinical models as the core DNA, outstanding performance, scalability and full and precise compliance with the specifications that has eluded efforts to repurpose legacy technologies to address new needs.

Our goal is to offer a suite of engines and tools to the EMR community that facilitates this transition with as little disruption to their existing code-base as possible. Development teams gain migration pathways to the emerging standards which operate symbiotically with their existing architectures.

FHIR™ and CQL™ open the door for payers and providers to work collaboratively to implement processes that lower costs, reduce risk, and increase quality of care.

Health plans and providers are currently unable to coordinate their efforts across system boundaries. No two EMR platforms are alike and no two analytics platforms are interoperable. But through FHIR and CQL all EMR's and analytics platforms can share standardized clinical rules and formula's, exchange interoperable clinical data and coordinate workflows.

Visit booth #3904 at the 2018 RSNA for more details.

The logo for PenRad, featuring the word "Pen" in black and "Rad" in red, both in a bold, sans-serif font.