



Emerging Technologies for Health Information Exchange

A Landscape Assessment

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1 Introduction and Overview

Provider organizations are faced with a number of technology choices for pursuing health information exchange with outside entities, such as hospitals and ambulatory clinics. EHR vendors are implementing multiple of these methods for information exchange and offering them as alternatives to their customers (usually at a cost). Savvy customers need to understand the technologies underlying these methods and their potential value for achieving practically useful information exchange.

This report reviews several technologies that may be available to provider groups through their EHR vendors. These technologies include Fast Healthcare Interoperability Resources (FHIR), eHealth Exchange, Carequality, and the CommonWell Health Alliance. The report also describes certain collaborations among these technologies that have implications for future data-sharing capabilities, such as CommonWell+Carequality and CommonWell+FHIR.

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