

# TECHNA ROUNDS

## Enabling a Digital Health Ecosystem with a Data as a Service Platform

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### ABSTRACT

Every aspect of a Digital Health Ecosystem is enabled by data. Health IT (HIT) components of the ecosystem either create data, consume data or both. Data is the “fuel” for everything we do using HIT. It starts with finding the right patient with key identifying information, viewing patient data for decision making, and capturing data electronically in the patient record. Patient specific data is used in various ways including clinical decision support, chronic disease management, orders, referrals, monitoring and managing medical devices, analytics, research, and in the very near future for artificial intelligence and automation. One of the big challenges in effectively using the data has been and still is interoperability. Therefore, we need to rethink the paradigm for interoperability and embrace others that don’t constrain us to an approach which relies on pre-defined exchange of information via messages or documents. This session will define a digital health ecosystem and core platform services along with their critical success factors. It will introduce a new paradigm for interoperability based on the concept of Data as a Service.

### BIOGRAPHY



Mr. Dennis Giokas is President of Theoria Health Innovations Inc. He advises clients in the areas of business and technology vision and strategy, product management, emerging and innovative technologies, risk management, enterprise architecture, clinical interoperability and health analytics.

Formerly, Dennis was Chief Technology Officer for Canada Health Infoway and recently headed up the organization’s Digital Health Innovation Ecosystem Group. In his corporate role as CTO, he oversaw the technical aspects of Infoway’s digital health investment areas as well as the tracking, evaluation and promotion of enabling technologies and solutions.

Dennis has more than three decades of experience in the information management and technology fields, having held positions at Sapient Corporation, notably as Vice-President and Managing Director of its Canadian subsidiary. He has held senior positions with Digital Equipment Corporation, including those of Consulting Engineer and Group Technical Director. And he has consulted on information technology strategy in several industries including health care, financial services, insurance and energy services.

Dennis is on the Ontario Institute for Cancer Research Board. He has served as a board director of COACH, Canada’s health informatics association, and HL7 International Inc. He is the past chair and Canada’s representative to the SNOMED International General Assembly. He holds two patents for software innovations and has one industrial design patent. He has a M.Sc. in Computer Science from Boston University.