
Keynote 8: Innovative Technologies and Service Redesign to Transform Health and Social Care Systems

Dr. Tom Dawson, founder, CEO of the Rescon company

Abstract

This presentation will describe the work that Rescon Ltd., a UK based technology company, has been co-developing within the health and social care sector in the UK since 2011. It will focus on the engineering for and deployment into health and social care systems of Rescon's Lincus software as a service care management product. The evaluation approach will be outlined and how the outputs of the evaluation lead to actionable outcomes. Reporting, analytics and visualisation tools will be described along with how these can be useful for stimulating positive and measurable change within services. Results from trial case studies will be presented along with how both the technologies and services were modified to optimise their integration.

Introduction

Tom Dawson MB.ChB., D.Phil (Oxon), B.Med.Sci, has over 25 years of combined clinical and commercial experience holding technical, management and leadership roles in industry and academia. Tom oversees the technical and commercial direction of Rescon (founded 2010), a healthcare technologies company whose team have developed and taken the CE marked, Class 1 Medical Device, Internet of Things enabled Lincus Platform as a Service product to market in the UK Health and Social Care market. He was a Director of the Science and Medicine of Athletic Performance MSc program at the University of Oxford until 2009. After that he joined QinetiQ as technical lead for Medical Innovation and Human Performance. Dr Dawson has published and presented internationally in human performance and genetics, molecular biology, sensors, medical informatics, visualisation and the autonomic nervous system in relation to the cardiovascular system. Tom has several granted and pending patents in the areas of sensor physics, data visualisation, medical communications and electrochemistry.