



CHIRON

Cyclic and person-centric Health management: Integrated appRoach for hOme, mobile and clinical eNvironments

EXECUTIVE summary

CHIRON intends to combine state-of-the-art ICT technologies and innovative solutions into an integrated framework designed for effective and person-centric health management along the complete care cycle.

RELEVANCE CALL 2009 objectives

CHIRON will address the needs of all the three main beneficiaries of the healthcare process: the citizens using the services, the medical professionals and the whole community. It will position the citizens at the core of the whole healthcare cycle by empowering them to manage their own health.

MARKET innovation

CHIRON will contribute to establishing the necessary enabling conditions for the successful deployment and exploitation of e-health in Europe and for its integration into the clinical workflow by addressing some of the main constraints of the e-health market.

The project will provide an open-reference architecture and will support the assessment of all the characteristics of the proposed solutions. These include technological aspects, usability, integration, restraints, applicability of the business models and, above all, the "medical" value of the proposed solutions. The project will provide vendors with the information needed to build devices and services that are interoperable and user-centred (sensors, home networks and health computer platforms).

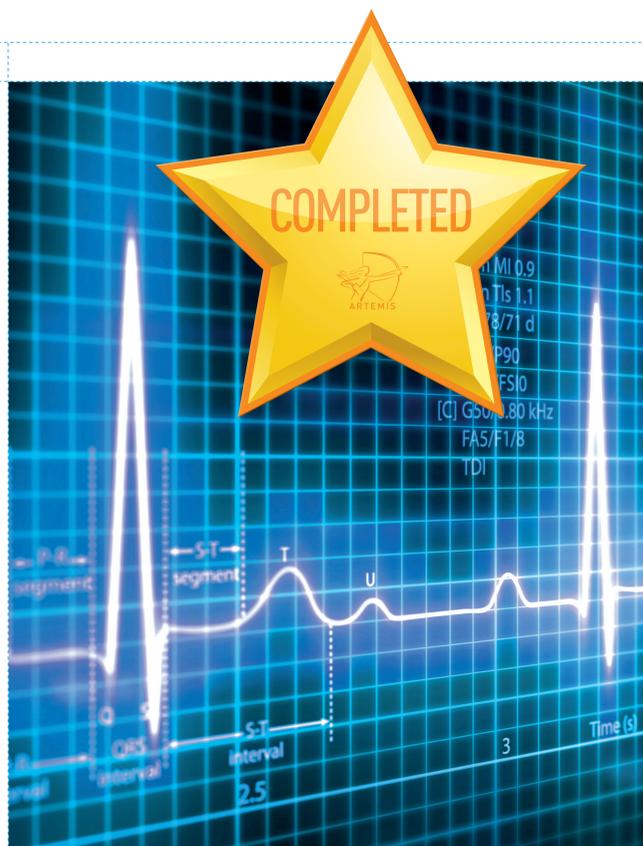
TECHNICAL innovation

The CHIRON project will provide a number of key results each demonstrating breakthrough innovation in its relevant technological field.

The technological solutions of the new personal health system will be fully integrated into the conventional hospital-based healthcare.

The advanced solution proposed by CHIRON represents a solid contribution towards an optimal compromise between costs and quality of care.

Furthermore, CHIRON promises to progress beyond state-of-the-art in several disciplines such as healthcare architecture, sensor nodes with enhanced capabilities, new methods and algorithms for the measurement of biological parameters, novel solution for enhancing data security and privacy, advanced solutions for the analysis and the visualisation of medical images.



PROJECT COORDINATOR	START
Silvio Bonfiglio	March 2010
INSTITUTION	DURATION
BARCO	45 months
EMAIL	TOTAL INVESTMENT
Silvio.Bonfiglio@barco.com	€18.1 M
WEBSITE	PARTICIPATING ORGANISATIONS
www.chiron-project.eu	27
	NUMBER OF COUNTRIES
	8

