



UCARENET INNOVATION HIGHLIGHT



UCARENET

COMPANY OVERVIEW

uCarenet is a digital e-health company that develops and brings evidence-based cloud solutions to address several of the most pressing issues facing Canada's healthcare system.

Home is where the heart is; and uCarenet is determined to change the way we deal with ageing, end-of-life care, and chronic pain management through enabling older adults and vulnerable people to receive the care they need at home close to family, friends, and their community.

LOCATION: TORONTO, ON

TECHNOLOGY



Data Centre and Cloud

Nectari Charitakis, CEO

UCARENET nectari@ucarenet.com
ucarenet.com

Rick Penwarden, Sr. Manager, Marketing

CENG rick.penwarden@cengn.ca
cengn.ca/projects

AN OVERBURDENED HEALTHCARE SYSTEM

A recent National Institute of Ageing survey found that 91% of Canadians plan on supporting themselves to live safely and independently in their home at a time when Canada's healthcare system is dealing with nursing and personal support worker shortages, a pandemic, hospital overcrowding, and overburdened frontline care workers. For the elderly and vulnerable people, activities of daily living that are essential to maintaining independence become more difficult, putting one's ability to remain healthy and independent at risk. With more home care, we can see better patient and health system outcomes.

CLOUD-BASED SOLUTIONS TO KEEP SENIORS INDEPENDENT AND AT HOME

uCarenet's solutions help keep patients and seniors independent in their homes for as long as possible. Their solutions enable patients to be discharged earlier from the hospital by providing the home care services and virtual patient monitoring needed to stay safe.

Their solutions include:

- uCarenet: Home care booking and managing solution.
- uCareLINGO: Universal translator for faster, simpler, and smarter communication. Breaking down language barriers with non-English speaking patients.
- uCareRELIEF: An award-winning Virtual Palliative Care app for remote patient management starting its 3rd patient pilot.

VALIDATED PLATFORM CAPACITY AND IMPROVED SECURITY

uCarenet successfully load-tested their newly integrated API service on the CENG Testbed. They validated their platform's capacity and improved vulnerable features for future business needs. The CENG project also allowed uCarenet to ensure the scalability of their current platform for maximum server traffic. Following their project with CENG, uCarenet is confident in their platform's scalability and API service.

"After testing the uCareRELIEF app with CENG under virtual load emulating a clinical scenario, the team at uCarenet feels confident about the capability of the app to withstand a high-level traffic use case."

Stephen Mashalidis
CTO, uCarenet

