



TeiaCare Brings AI to the Edge of Healthcare with NVIDIA Clara Guardian

The delivery of healthcare is becoming increasingly challenging with facilities having to do more with less resources. Smart sensors such as AI-enabled cameras and microphones can act as eyes and ears to ensure public safety, improve patient care, and enhance operational efficiency.

It's now possible with Anceia, the first AI-powered operating system designed for nursing homes, to increase care processes transparency and efficiency towards management, carers and resident's relatives.

Anceia requires advanced smart optical sensors, positioned on the ceiling above the resident's bed, in order to work. It operates with no resident's contacts and it doesn't require any specific sanitization procedure.

Anceia provides the nursing homes' managers and carers with fundamental tools to prevent and limit the spread of Covid-19 in the facility, such as:

- Verification of staff movements and assistance provided in specific areas
- Reduction of carer/resident contacts and room access, though customized anti-decubitus handling programs and diapers changes
- Support in shifts scheduling to avoid carer burn-out over the duration of the emergency.

Delivering AI at the edge minimizes data privacy concerns and enables real-time AI to improve safety and provide better assistance. Anceia is GDPR compliant: data are securely archived and encrypted.

Now TeiaCare and NVIDIA are bringing AI to the edge of healthcare with NVIDIA Clara Guardian, an application framework that simplifies the development and deployment of smart sensors with multi-modal AI anywhere in a hospital.

[NVIDIA Clara Guardian](#) is a healthcare specific set of SDKs and application frameworks that run on the [NVIDIA EGX platform](#) for AI computing on edge servers and embedded devices.

TeiaCare and NVIDIA Clara Guardian are ushering in a new generation of smart care homes.

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