

On-Device Digital Humans for Real-Time Agentic AI

Agentic Edge Concierge

Pantheon Lab's Agentic Edge Concierge is a lifelike, multilingual digital human that serves people face-to-face wherever they queue, ask, or buy — station concourses, store floors, service counters, campuses, and lobbies.

It is more than a scripted FAQ: an agentic AI brain connects to live back-end systems to answer questions, guide navigation, take orders and bookings, and hand off to staff. Pantheon Lab builds its own speech recognition, speech synthesis, and avatar models, so the full pipeline runs on-device on Intel® Core™ Ultra Series 3 processors optimized with the OpenVINO™ toolkit.

Audio and video stay on site, and the kiosk keeps serving when the network does not. Deployed across transport, retail, public services, and education.



Key Intel-Enabled Features



Live Face-to-Face



On-Device Privacy



Multilingual Voice



Agentic Task Actions

- Intel® Core™ Ultra CPU, GPU, and NPU run our own speech and avatar models on-device.
- Intel® NPU inference keeps customer audio and video on site, supporting strict data-privacy requirements.
- [OpenVINO™ toolkit](#) optimization keeps responses fast enough for natural, face-to-face turn-taking at the kiosk.
- One [Intel® Core™ Ultra Series 3 processor](#)-based system runs the full stack 24/7, cutting per-kiosk cost.

By leveraging Intel® technologies, Agentic Edge Concierge by Pantheon Lab helps customer-facing organizations close staffing gaps with multilingual, always-on service that runs entirely on site.

Notices & Disclaimers:

Intel technologies may require enabled hardware, software or service activation. // No product or component can be absolutely secure. // Your costs and results may vary. // Intel Statement on Product Usage: Intel is committed to respecting human rights and avoiding causing or contributing to adverse impacts on human rights. See Intel's [Global Human Rights Principles](#). Intel's products and software are intended only to be used in applications that do not cause or contribute to adverse impacts on human rights. © Intel Corporation, Intel, the Intel logo, Intel Core, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as property of others.

*Agentic Edge Concierge by Pantheon Lab serves **customers face-to-face** at any counter, floor, or lobby, **cutting queues and service cost.***

Ordering Guidance: [Contact Us](#)

Country/Geo: United States; Canada; Europe, Middle East, and Africa; Asia Pacific, Japan, Australia & New Zealand

Edge Verticals: Education; Smart Cities & Transportation; Smart Buildings; Retail & Consumer; Enterprise

Edge Use Cases: Building Operations; Smart Rail; Airport Infrastructure; Smart Campus; Offline LLMs

Learn more:

- [Pantheon Lab Website](#)