

# Top 4 Technologies That Will Drive Smarter Homes

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Smart homes will accelerate the digitalization in the home to provide better user experience by three levels: connected, automation and intelligent interaction. The top four technologies driving the evolution of smarter homes are connectivity, sensors, edge device AI, and native user interface.

Smart home is the digital evolution of all electronics products used in the home to offer a more intelligent user experience for every household. Due to the complexity of home electronics types and different use cases, we define the concept of smart home by three levels: connected, automation and intelligent interaction. To enable a smarter home, the first stage is to enable the connection capabilities by selecting proper connectivity technologies. The second stage uses sensors and edge device AI technologies to enable automation without human instructions. Finally, native user interfaces will support intelligent interaction by the trained language and action understanding AI models. These top four technologies will drive digitalization in a smarter home to offer an evolving living experience.

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