



smart homes

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The smart home market is expected to exceed \$500 billion by 2030, holding exponential opportunities for telecom operators.

With the virtually ubiquitous connectivity pervasive in our everyday lives, the movement towards smart home automation is taking off once again. The smart home of the future is expected to contain 15 to 30 connected devices and sensors, all linked via a home area network and connected to service providers' back-end systems and the Internet. Connected devices will range from ordinary household appliances to solar panels and electric vehicle charging.

Whether it is to move towards energy efficiency or whether it is for multimedia, safety, and comfort, major players in the smart home ecosystem need to partner up and work together to integrate the different and essential technology elements and standards. Connectivity is already a reality embedded in people's behaviors and communications. Smart homes are merely the manifestation of the next step in our journey towards connectivity.

pulse by solutions and smart homes

Customers want a single point of contact for their smart home needs to ensure interoperability, as well as a smooth and unified experience.

Telcos can leverage the growing demand for smart home automation to create new revenue streams from value added services and monetize traffic with very little investment. Telcos have in place the necessary infrastructures, networks, and enterprise applications requisite for connectivity and access. Their operational and business systems are already established to handle access, networks, CIM and billing, customer support, marketing and sales, data management, and workforce management, etc.

By adopting a business model and partnership strategy that allows them to expand into adjacencies, as well as achieve enhanced customer analytics, customer knowledge data mining and customer management experience, operators can offer smart home services designed to address consumers' needs.

pulse has the advantage of being a leading industry expert in telecom and home automation. With its integrated solutions, capabilities, and partnerships, pulse can support telcos by ensuring full-interoperability and integration amongst the different systems for smart home automation.

home automation solutions

- Video surveillance
- Intrusion detection
- Access control
- Energy management
- Smart metering
- Lighting control
- HVAC control
- Entertainment (AV)
- Gaming
- Remote access
- Medical services (monitoring for blood pressure, diabetes level for chronic patient, etc.)

