

Does **Smart Technology** Bring Convenience to the Real World?

In today's rapidly advancing smart ecosystem, users expect higher speeds, convenient applications, and comprehensive possibilities. Therefore, manufacturers must prioritize the risks associated with connection, quality, and simultaneity. If issues arise, they can significantly impact the user experience.



[Smart Ecosystem Saver >](#)



Why Doesn't the Smart TV Connect to Faster Wi-Fi Like 5/6GHz?

Most TVs default to connecting via the 2.4GHz frequency band, leading to potential interference when multiple devices share the same band.

Given the widespread support for dual-band 2.4 GHz / 5 GHz and Wi-Fi 6E (6GHz) in wireless routers, TV manufacturers face the challenge of minimizing risks while enhancing the smart TV experience..

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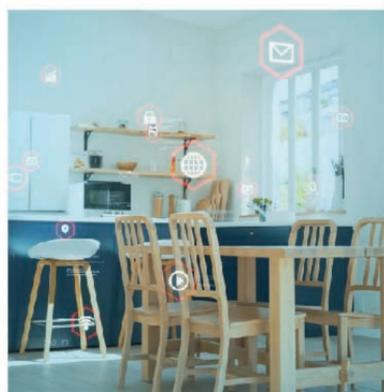


Concerns About Asynchronous Smart Home Apps

Allion's Research Team observed asynchronous usage status issues among various appliances during multiple experiments. For instance, users might set their light bulb to 0% brightness with Alexa, only to find that Brand P's app displays it as 5%.

To tackle the issues highlighted in this article, Allion has developed a robust smart home verification application ecosystem, offering effective solutions to alleviate your concerns.

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Can the Smart Home Verification Field be Custom-Built for You?

Allion has addressed the potential risks posed by smart home products by establishing different types of houses, ecosystem applications, and controllable environmental reference parameters to ensure product quality.

Our goal is to assist manufacturers in ensuring that their products can operate at peak performance while mitigating interference, ensuring interoperability, and resolving issues related to software and hardware integration.

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