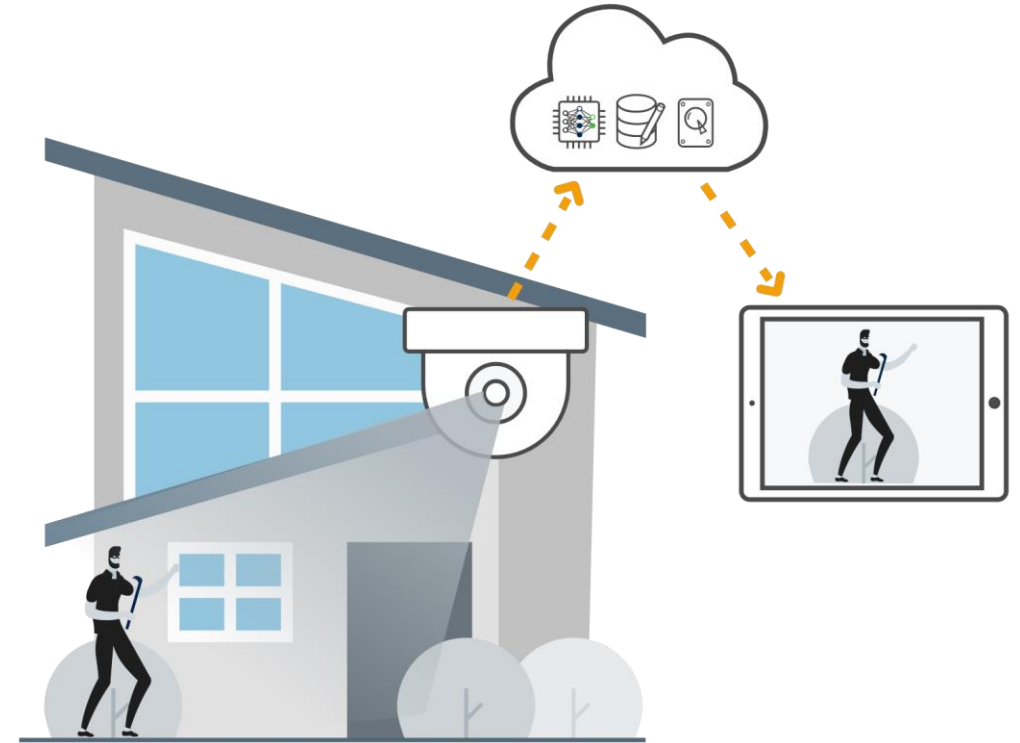


Smarter, AI-Driven Smart Home Cameras and Video Doorbells

The second generation of smart home cameras and video doorbells is coming

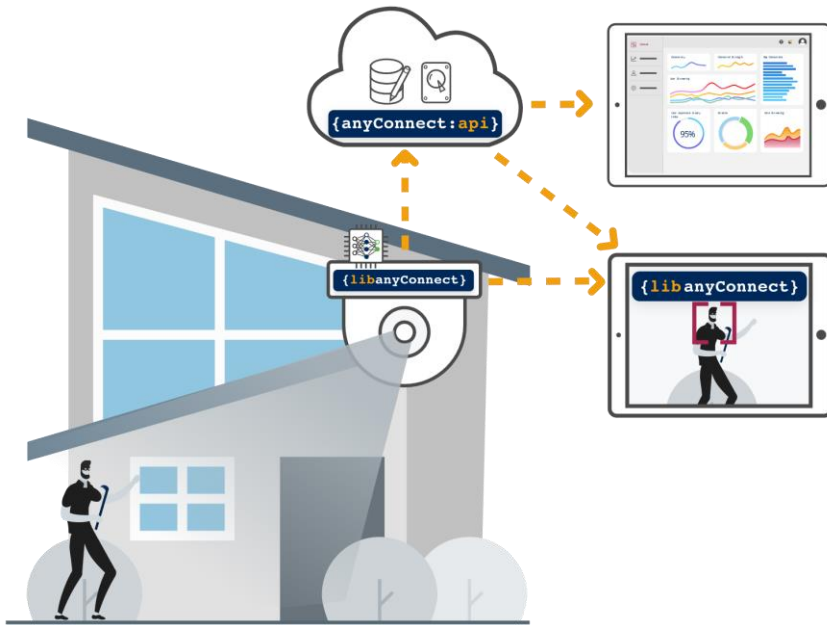
The first modern [smart home](#) systems appeared at the very end of the last millennium. Since then, we saw an avalanche of smart home devices and systems, from [smart thermostats](#) to [smart lights](#) and smart home cameras to [smart video doorbells](#). All those systems are defined as 1st generation smart home systems as they are connected, but most of the intelligence is happening in the cloud. Most of those devices have their own control interfaces as well as generic voice control interfaces, such as [Amazon Alexa](#), [Google Assistant](#), [Apple HomeKit](#) as well as automation & integration platforms, like [Zapier](#) and [IFTTT](#). These two platforms provide a way to create interoperability between different systems. For example, if the backyard camera of your smart home system detects a human being at night (with its IR illuminator), then it will turn on the backyard floodlights, and send you a notification on your phone.



Today, the 2nd generation of smart home devices is coming. The main difference between the 1st and the 2nd generation is its Edge Inference capability. Meaning running AI algorithms directly on the device and not in the cloud. It opens up new possibilities as edge AI lowers the detection time as well as the cost (no more expensive cloud bills). The challenge is how to deploy AI Models to the edge, securely, and at scale on various types of hardware.

Here is how the AnyConnect Smarter Camera Platform can help smart home device makers with their 2nd generation of smart home cameras and video doorbells.

What is AnyConnect Smarter Camera Platform?

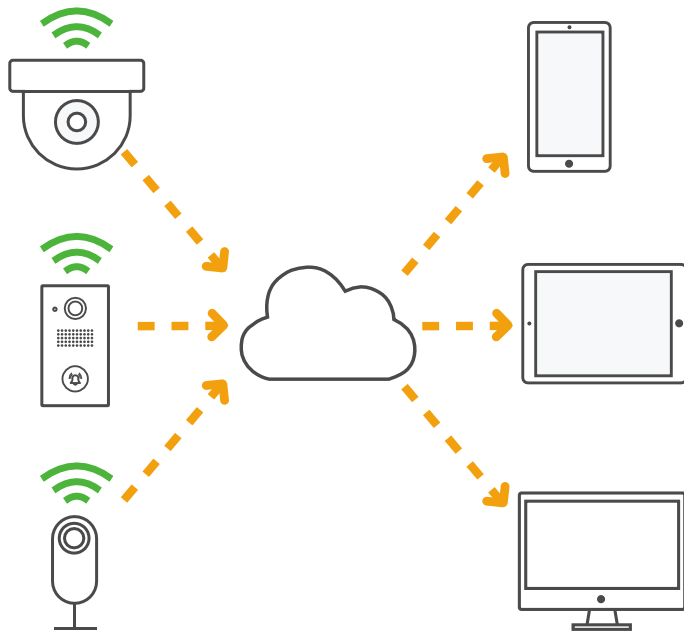


AnyConnect's *Smarter* Camera Platform is an end-to-end platform for AI-driven and connected cameras. Its [software libraries](#) for mobile devices & cameras, as well as a cloud platform making smart home devices smarter.

AnyConnect's [patented technologies](#) enable [guaranteed and low latency video & audio connections](#) through NATs, [especially wireless and cellular networks](#) & [cloud video recording](#).

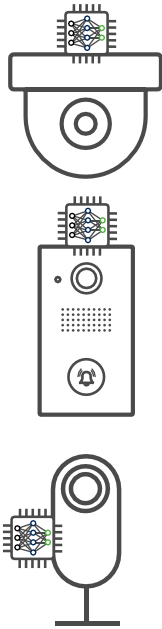
Our platform has been designed around [computer vision](#) at the edge, in a [secure and data-protection-compliant](#) way. A full camera deployment overview, including a full overview of connections, is available through AnyConnect's [Console](#).

How does AnyConnect make your AI-driven smart home cameras and video doorbells smarter?



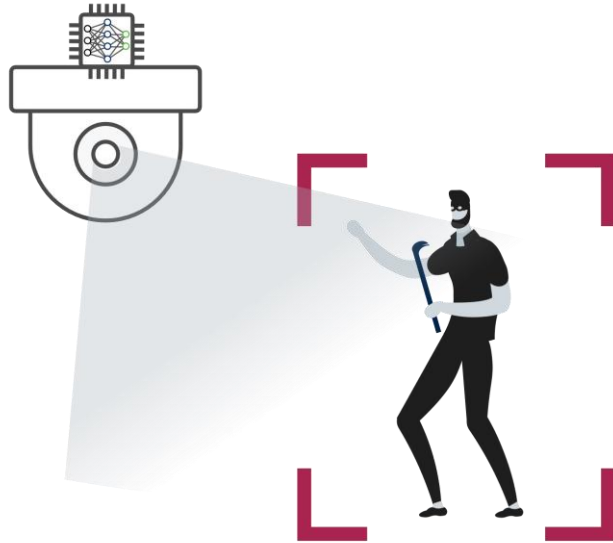
Wireless and cellular ready smart home camera and video doorbell networks

The AnyConnect Smarter camera platform makes your smart home cameras and video doorbell ready for internet connections through [Wireless \(Wi-Fi\)](#) & [Cellular \(4G/LTE/5G\)](#) networks, (as well as ethernet) with its patented technologies for [adaptive bitrate streaming](#) as well as [instant connections](#).



Deploy intelligence at the edge for smart home cameras and video doorbells

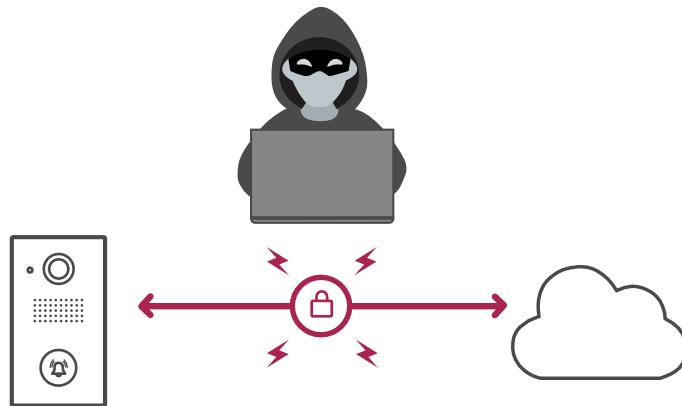
Recording an immense amount of video data that no one ever watch doesn't make much sense and is expensive. Transform your smart home and doorbell cameras into sensors, providing you with notification, decisions, and action. Get the AI models you need from Anyconnect's [AI Repository](#) or build your own. AnyConnect's *Smarter Camera Platform* enables you to deploy, manage, and [monitor neural networks at the edge](#) seamlessly over the air.



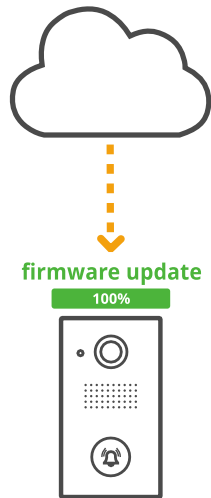
Edge inference acceleration for smart home cameras and video doorbells

Most new [System-on-Chips \(SoC\)](#) today have [AI accelerator](#) cores. Within your product portfolio, you might have products with different AI accelerators. That's not a problem as AnyConnect's [Smarter Camera Platform](#) helps you to manage this heterogeneous camera network simply. AnyConnect can retrofit existing massive camera deployment with basic edge AI, such as people detector, even on devices with CPU only.

Security is not negotiable











Smart home cameras and video doorbells need to be secured as they are exposed to the internet. [Access Control](#) is native to the system. All clients are [authenticated](#), and all streams are [encrypted](#). AnyConnect integrates [crypto coprocessors](#), like [Trusted Platform Module](#) (TPM 2.0) and [ARM TrustZone](#). External parties conduct security audits on AnyConnect Smarter Camera Platform regularly.



Future-ready smart home cameras and video doorbells

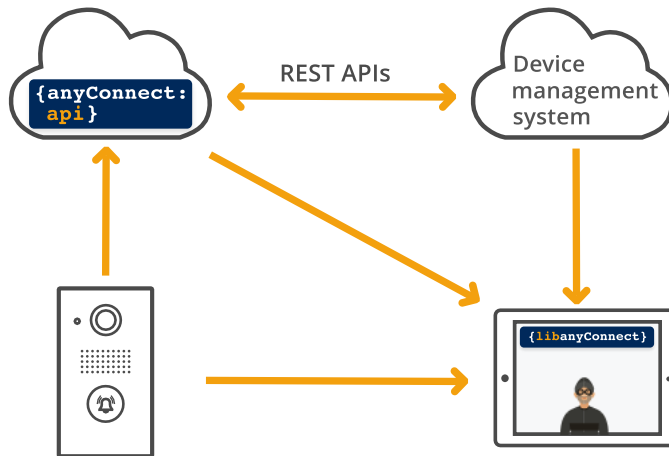
The platform offers [over-the-air \(OTA\)](#) updates as well as a clear support strategy regarding operating systems (like [Android](#) and [iOS](#) versions). Multiple [support plans](#) are available to accommodate your needs. Be free to work with any device manufacturer ([ODM](#)) as AnyConnect Smarter Camera Platform works with many [system-on-chips](#) (SoCs), and [AI accelerators](#).

Simple and error-proof onboarding for smart home cameras and video doorbells

	Manage User	Manage Device	Front door bell camera	Backyard cam
		Gregory Galan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Linda Burress	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Irene Ross	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		John Wood	<input type="checkbox"/>	<input checked="" type="checkbox"/>

We have put a lot of attention into the [Onboarding](#) process for smart home and doorbell cameras and clients, ensuring that non-expert — basically everyone — can onboard a device successfully. Save money and headaches with AnyConnect's [Console](#). This API based web tool gives you a centralized configuration and [access control](#). With Console, understand your camera networks in detail, in real-time.

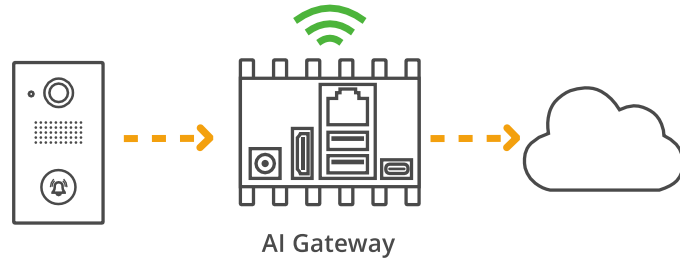
Simple integration between cameras and your device management system



No one likes to undertake a complex, time-consuming, expensive, multi-site, and multi-company software [integration](#) project. AnyConnect provides [REST APIs](#) and software libraries for fast and straightforward integration of your client applications and your backend.

AnyConnect [libraries](#) support [Android](#) & [iOS](#), [Windows](#) and [Web](#) applications are supported upon request. On top of that, we support [OAuth 2.0](#) authentication as well as [single sign-on](#) (SSO) and [Social login](#).

Bring edge AI to existing smart home cameras and video doorbells



Deploying new ([greenfield](#)) AI-Driven, smart home cameras, and video doorbells is ideal. [Legacy systems](#) should not be left out as they can still be a source of revenue from their captive users. [Smarter AI Gateways](#) transform standard, smart home and doorbell cameras in AI-Driven, connected cameras networks. Whether then are in the filed or brand new, make the most of existing smart home cameras and video doorbells.

Let's add edge AI to your smart home and doorbell cameras.

Speak to a smarter camera expert today

[CONTACT US](#)