



# **IP over coax: 5 common concerns and how to overcome them**



**TRIAx**  
*connecting the future*

Dear IT Partner / Customer,

You're confident building IP networks, but building them over coax? We understand – you might have some doubts.

In fact, it's much easier than you'd think. While the cables may differ, the performance, reliability, setup and terminology is just the same as you're used to.

So, we've listed a few of the common concerns with IP over Coax that IT professionals have, and offer our answers below.

## **1. A professional IP network should be made with CAT cables and switches**

That's how it traditionally was, until a reliable, high speed and future-ready solution was developed for IP over Coax. TRIAX's G.hn technology meets all the demands of a modern IP network, and realising an IP network with TRIAX EoC is faster, more environmentally friendly and cost effective.

## **2. Only newer coax installations are capable of delivering a decent IP connection**

TRIAX G.hn technology not only offers a reliable gigaspeed IP connection, but the technology is so robust, it's easy to install even on 50 plus year old coax installations.

### **3. It's complicated and requires a lot of coax-skills to install a TRIAX EoC solution**

Essentially, the TRIAX EoC solution works as a typical Layer 2 IP Switch, and installs in a similar way. The system is developed as an IT product. It has the look and feel of an IT product, and the technical terms are the same as you're used to. It just uses a coax cable as the 'connection media'.

### **4. But... on coax networks TV and Satellite signals are also transmitted. What about these – and how to cope with this?**

In a TRIAX EoC solution, both TV services and gigaspeed IP services co-exist without any problem. You don't have to worry – the system secures a perfect split and co-existence. The coax network is actually very powerful: offering gigaspeed IP connection *and* several hundred TV channels is no problem.



## **5. Do I have to make a complicated site survey, and how do I make sure that no unforeseen expenses arise if I'm not a coax specialist?**

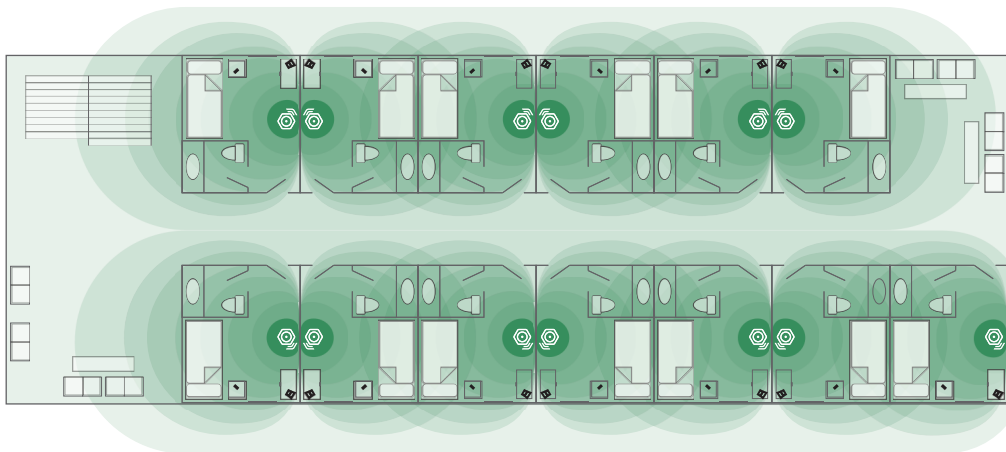
A site survey prior to installation is always recommended. With the special TRIAX Network Analyser Tool, this part is made easy – even if you don't have too much experience with coax networks. This will also help you reveal any issues in the coax network and thus avoid unexpected additions to your offer to the end customer.



## **Regional experts dedicated to your business**

Our team of dedicated project support staff are at your side to provide design services, advice or technical support for your next installation.

## Coverage where you need it most



With TRIAX, a reliable WiFi signal extends to every corner of the hotel.

An endpoint in every room is simple, low-cost and quick to install, and won't interfere with TV signals.

No more WiFi nightmares.

### Save time

- 15 minute installation per End Point
- No rooms lost overnight
- No TV retuning required
- You already have the cables
- Competitive pricing for total installation

### Better coverage

- Increase WiFi coverage where it is needed
- No WiFi blackspots

### Happier guests

- Reliable WiFi = happier guests, better reviews, repeat business
- Upsell more premium WiFi

### Better network

- No TV signal interference
- Reliable low latency 1 Gbps network
- IPTV ready

### Innovative and Reliable

- Designed and produced by TRIAX in Denmark
- 70 years of engineering expertise



### Low costs

- Uses your existing coax cables: no need for expensive re-cabling projects.
- Reduces need for costly traditional TV subscriptions.



### Goodbye, buffering

- Gigabit network delivered over coax cables: the fastest, most reliable in its class.
- Ready to stream demanding content: 4K UHD, HDR & 60FPS.



### Environmentally friendly

- We're re-using the cables you already have
- Comparable devices to the TRIAX EoC MediaConverter use up to 100% more power.



### No disruption

- No drilling, no new cabling, no rooms out of service. Installs in minutes in each room.



### Future ready

- Enough bandwidth to handle future upgrades to your internet connection speed.



### Added value

- Enables a limitless range of in-room connected devices, such as Wi-Fi access points.



# TRIAX

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**Explore TRIAX Solutions**  
digitalimports.co.nz

TRIAX is a global supplier of reliable, innovative products and solutions for the reception and distribution of video, audio and data signals.

Our Products are used in homes, businesses and operator networks by broadcasters, satellite, cable and telecom operators.

Our Solutions combine our hardware and software expertise to deliver value to hospitality and related markets, through a partner network of system integrators, large installers and operators.

TRIAX's headquarters, production and R&D base is in Denmark. With 9 international sales subsidiaries we operate in more than 60 distributor countries. The TRIAX team consists of 300 employees and is owned by Polaris Private Equity.

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