

Streamlining Camera Installs

G.hn Powerline with PoE makes Camera Installs Easy

COMTREND

CASE STUDY



OVERVIEW

EOS Digital Services, a Systems Integrator serving the Houston, Texas area, specializes in Security Cameras, Access Control, Networking, Audio/Video and IT Services.

REQUIREMENTS

EOS Digital Services needed a streamlined solution to provide power and network IP to cameras. The appearance needed to be commensurate to their professional services.

SOLUTION

G.hn Powerline with PoE

Minimal infrastructure was needed, consisting of a single adapter to the router and another to each camera.

- PG-9172 (1 to Router)
G.hn Powerline Adapter
- PG-9172PoE (1 to a Camera)
G.hn Powerline Adapter with PoE



Background

EOS Digital Services is a Texas-based systems integrator that focuses on simple and affordable Security, Connectivity, Audio/Video and Automation solutions for Houston and Austin Businesses and Homeowners. EOS Digital Services offers cutting edge solutions and is constantly on the lookout for the latest products.

CHALLENGE

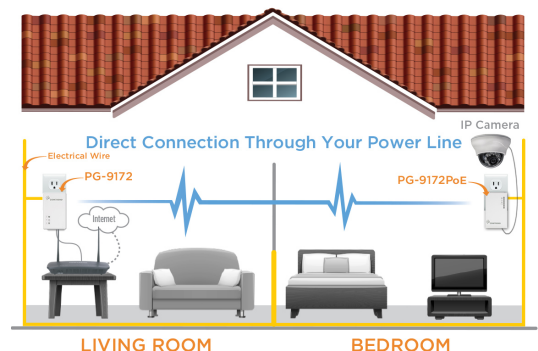
EOS Digital Services was seeking to find a more streamlined Power over Ethernet (PoE) solution to provide power and data to Mobotix IP Surveillance Cameras in both residential and commercial environments.

Their previous solution was to purchase and mount separate PoE injectors alongside Powerline Adapters. This created a cluttered, less professional appearance that added cost and another box to each installation location.

SOLUTION & BENEFITS

Comtrend's G.hn Powerline Adapter with an integrated PoE port eliminated the need for a separate PoE Injector, removing the additional power supply and related wiring.

- Integrated PoE port allows for a much cleaner look and greatly simplified installation.
- All-in-one solution allows for a reduction in time & cost required to install cameras.
- Quick installs and fewer return visits make customers happy
- Ilan Saadia, EOS Digital Services, states the PG-9172PoE have proven **"absolutely reliable"**.



Streamlining Camera Installs

G.hn Powerline with PoE makes Camera Installs Easy

CASE STUDY



"The Comtrend PG-9172PoE is one of those products we wish we could have found much earlier. It has truly ***made our jobs easier*** and we commend Comtrend for their innovation and bringing to market a product that no other company in the space was able to produce."



Ilan Saadia | EOS Digital Services

UNITS DEPLOYED



PG-9172
1200Mbps
G.hn Powerline Adapter
Used as backhaul

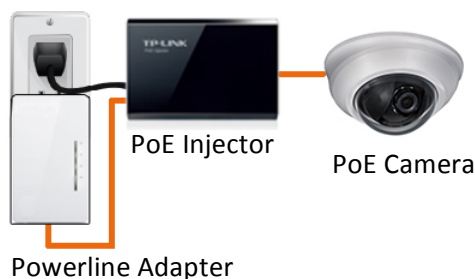


PG-9172PoE
100Mbps
G.hn Powerline Adapter
with PoE
*Used for the connection
to the camera*



Ethernet Cable
(Behind the Wall)

CURRENT SOLUTION



NEW SOLUTION



— Ethernet Cable

The new Comtrend solution does not require additional equipment, like a PoE Injector, because the Powerline Adapter has integrated PoE. This makes for a simpler, streamlined, and more professional appearance.

CONCLUSION

The Powerline products that EOS Digital Services was previously using frequently disconnected from each other, which lead to cameras going offline and ultimately- *another* visit to the customer to reset the units. Comtrend's PG-9172PoE remains reliable, performs as expected, and results in a better overall experience for the customer and the installer. The integrated PoE port allows for a simplified deployment that makes EOS Digital Services' work easier.

