


# UltraSync Communicator

A photograph of a man with a beard and short dark hair, smiling warmly at the camera. He is wearing a dark blue work jacket over a light blue collared shirt. He is standing in what appears to be a server room or data center, with rows of server racks visible in the background. A large, rounded blue square graphic is overlaid on the image, framing the man's head and shoulders.

Connectivity made simple.  
A high-performing and  
secure alarm signaling unit.

# PSTN shutdown

With the rapid evolution of digital technology, workplaces have seen big changes to the systems they use and their day-to-day operations. There is no place where this is more obvious than in the field of alarm communications.

Telecommunication providers are transitioning from PSTN to all-IP communications, as most carriers don't want to manage two infrastructures when a digital-only architecture can offer better level of service for customers.

IP-based alarm communication brings multiple advantages, overcoming many of the operational shortcomings of telephone-based alarm systems.



## High speed of communication

In the world of alarm communication, every second of operational efficiency counts. IP alarm communication is virtually instantaneous, while telephone-based alarm communication typically experiences delays of up to several minutes before an alarm signal can be relayed.



## High level of security

PSTN based communications are not authenticated or encrypted and they are susceptible to being disabled. IP alarm communicators are supervised more frequently than standard telephone communicators. If the connection is lost, the central station knows almost immediately. Furthermore, the data transmitted is authenticated and can be encrypted to prevent intercept attacks.



## Comfort & convenience

An IP Communicator does not interrupt the phone line. This is especially important in an emergency situation where the end user is trying to use the phone to contact authorities. It is also important for small businesses that share their business phone with their alarm system. Interrupting a phone call can mean upset customers and potentially lost business.



## Lower cost

IP alarm communication will eliminate the monthly phone line costs customers have when using traditional phone based alarm communication.

# Ways of reliable alarm signaling

The Central Monitoring Station (CMS) is an essential element for any security system. When an alarm is triggered, quick and professional response is very important. This is the role of an CMS with their experience and the necessary means to give a correct answer.

Monitoring teams are trained to filter out false alarms from those which require emergency services, such as a live burglary or fire incident. When a genuine alert is confirmed, the CMS team takes the right measures going from video verification to contacting relevant emergency services or even sending patrols on site in some cases.

Monitored alarm systems take that uncertainty away by leaving the decision on how to react to trained security experts who are prepared to respond immediately to any situation.

A monitored alarm system can have single or dual path signaling. With a dual path signaling alarm system, there are two channels by which the signal can be delivered: Ethernet or IP path and Cellular path via the mobile networks. This ensures that a signal gets through even if the main communication is compromised or unavailable.

## UltraSync Communicator

The UltraSync Communicator provides an optimal way to transmit signal from the customers system to the central monitoring station via our UltraSync Cloud. The UltraSync Communicators are available in two models: the UC140 for 4G Cellular only and the UC240 with dual path support for IP and 4G.

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### UC140

Single Path 4G Communicator. Ideal for low to medium risk requirements. We've designed our new, affordable, wireless alarm signaling system with you and your customers in mind. It's our smallest unit yet, and with simple push-button setup, it can be up and running in no time.

This single-path alarm signaling unit can use any of the main EU mobile networks to transmit alarm signals over 4G or 2G.

2

### UC240

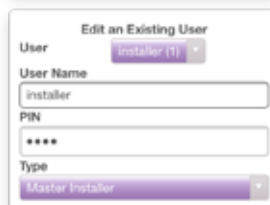
Dual Path 4G/IP Communicator. Dual-path monitoring for low, medium and high risk sites, covering intruder applications, fire and more. The primary path uses IP technology to send alarm signals over the customer's network or broadband hub.

The secondary path uses 4G or 2G mobile connectivity – with the possibility of having dual SIMs for extra resilience.

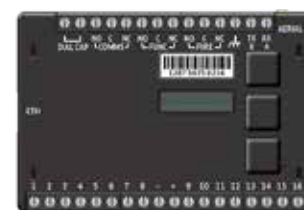
Provided with 2 Aerials for a reliable connection.

Installing an UltraSync Communicator is straightforward, comes with a clear installation card and is carefully explained in the installer manual. It comes with a straightforward support of UltraSync+ application, available on both Android and iOS, that allows you to manage the unit remotely and to configure the I/O.

Customers can also use the application to control remotely their supported panels and arm/disarm their system via the Key-switch feature



UC140  
4G/2G only



UC240  
Dual Path IP and 4G/2G

# UltraSync Communicators provide numerous benefits for its customers



## Customer focused

Our new portfolio was designed with Installers in mind: small, easy and quick to install. UltraSync Communicator unit are compact and have high-level encryption to keep connections secure. With battery backup in the alarm panel it will stay up and running, even in the event of a power cut, providing you with an “always powered” system.



## Future-proof

UltraSync communicator units are fit for the big technology changes coming up. They bring secure connectivity to the cloud for those panels that have limited capabilities, with an end-to-end encryption and remote diagnostics across the range. We rely on a robust platform to build secure communication channels between the alarm communicators and the CMS. We use best practices and cutting edge techniques in cyber-security to assure that our solution is secure and future-proof.



## Sustainable solutions

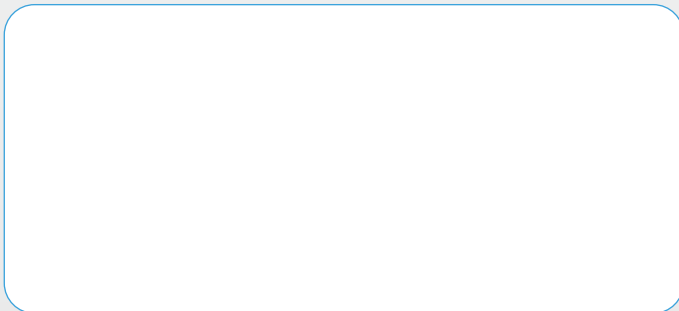
UltraSync Communicator units come in plastic-free, molded cardboard packaging that is recyclable. As our systems use less power, it's not just the environmental impact we've reduced. It's utility bills too.



## Global solution

UltraSync Communicators allow you to address different markets and customer needs with a certified unit for both fire and intrusion panels.

Installed & serviced by experts :



## About Aritech

Aritech provides leading security and life-safety solutions for both commercial and residential applications covering intrusion, video, transmission and access. Offering some of the most-trusted product names in the industry, and backed by ongoing partner services and support, Aritech helps customers secure and protect what matters most. Aritech is a part of Carrier, a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies. For more information, visit [www.aritech.com](http://www.aritech.com) or follow us on LinkedIn @Aritech.

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