

ALARMIP

The unique end-to-end IP Solution

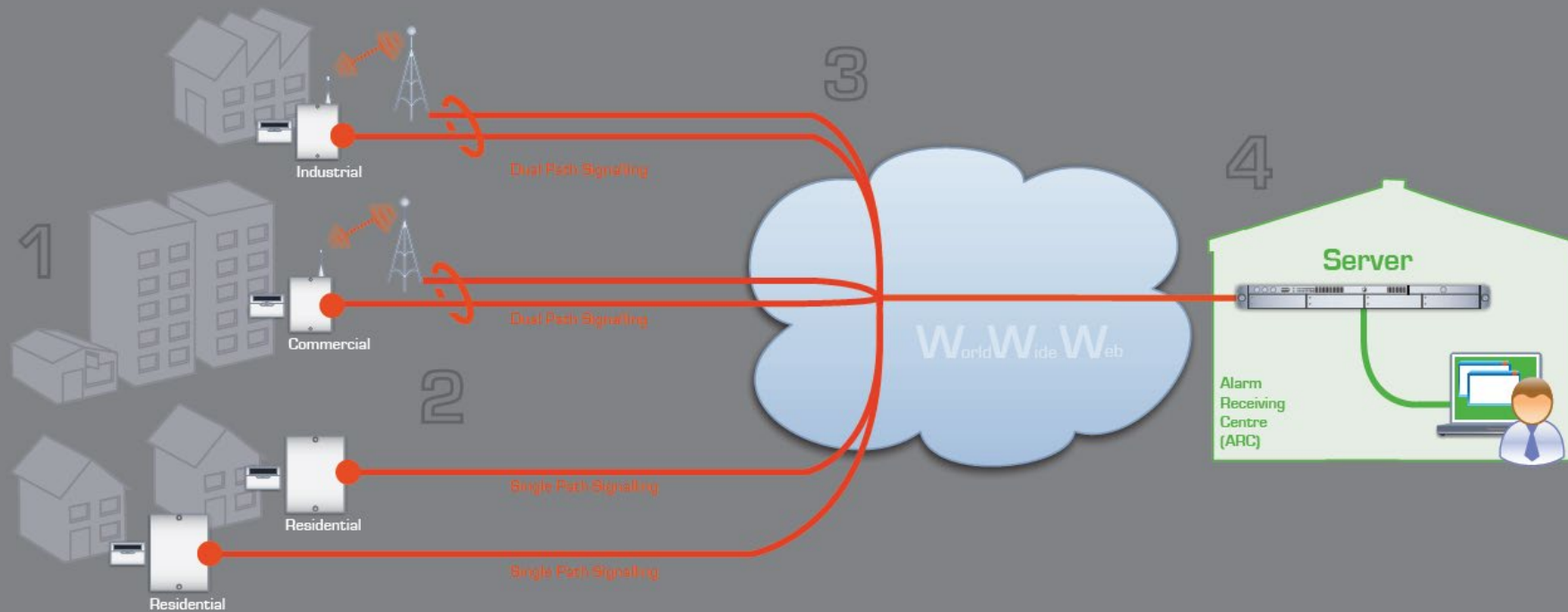
The Alarm IP platform offers a unique end-to-end full IP integration with intruder alarm systems enabling a wide range of security applications from on-site self monitoring to the largest alarm receiving centres

Installer

- 24/7 Secure monitoring
- Ability to use existing network
- High speed reporting
- Real time monitoring of multiple remote sites

Alarm Receiving Centre (ARC)

- 128 Bit data encryption and authentication of data using industry standard and proven cryptographic techniques
- Low bandwidth consumption
- Secure signalling over Broadband, WAN and LAN
- Reporting to automation software over IP and RS232
- End-to-end signalling up to EN Grade 3 standard
- Cost effective continuous reverse polling
- Full duplication of essential core platform components, can be geographically separated for further resilience
- Lower costs for all alarm transmissions
- Fail safe Alarm Transmission System (ATS) monitoring
- The ARC is alerted for ALL circumstances where the ATS is not functioning
- Reporting to dedicated receiver and / or ARC



1 Control Panels

The Alarm IP platform can be integrated with a range of control panels from 8 – 256 zones and therefore is suitable for a variety of applications. Simply plug in and signal by slotting in the IP card and connecting the IP socket.

2 Signalling

Dual Path -
End-to-end communication from the customer's commercial premises to the monitoring station using the IP protocol with GPRS back-up using existing networks. Communication is therefore not reliant on landlines.

Single Path -
As more households are using broadband technology, Alarm IP offers a cost effective monitoring solution for residential premises with the option to upgrade.

3 Alarm over IP (AoIP)

The integrity of the system is never compromised due to the constant secure reverse polling. 128 Bit data encryption using the industry standard Secure Socket Layer (SSL) ensures unrivalled security at all times.

4 Alarm Receiving Centre

Immediate reporting in all circumstances where Alarm Transmission System (ATS) is not functioning.