



TAO

TECHNOLOGY ALWAYS ON

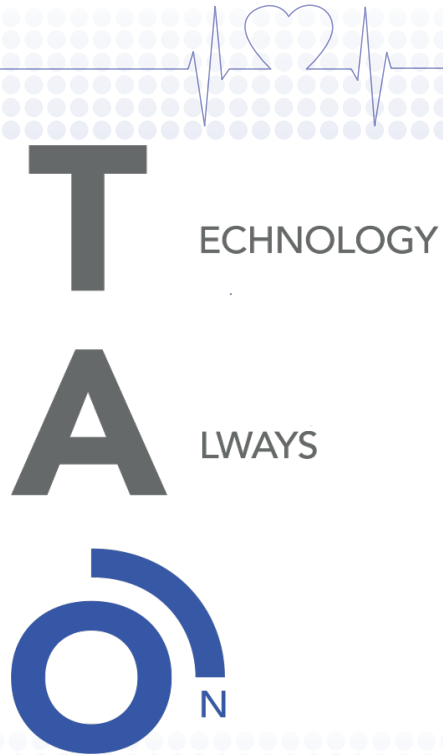


TRUSTED TECHNOLOGY.
CARING FOR PEOPLE

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What does TAO mean?

TAO stands for Technology Always On and it lies at the heart of Legrand's Digital Eco-system. It combines regular bi-directional heartbeats with critical robust communication between products, services and platforms.



What is the Digital Heartbeat?

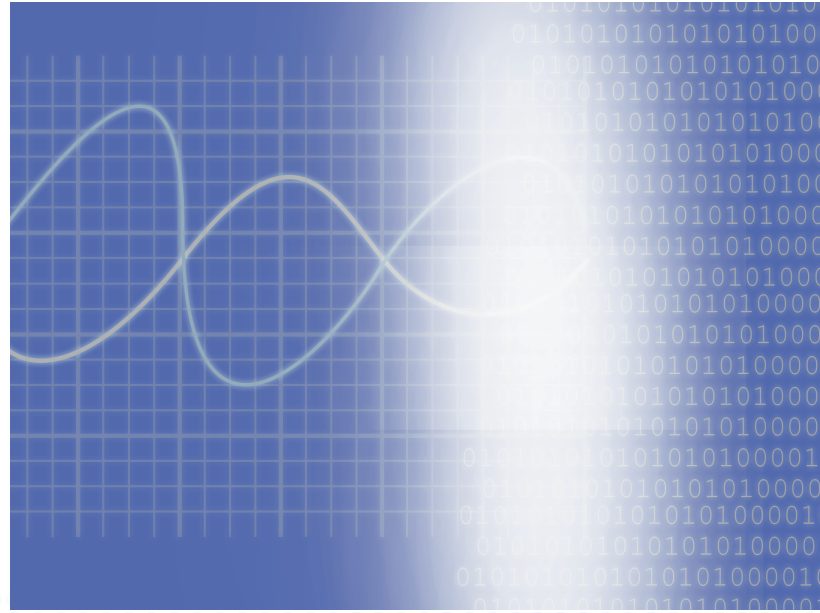


The Digital Heartbeat is a bi-directional communication between the Reach IP, Pulse Management Portal and TAO compatible Peripheral devices. The heartbeat is used to signal that all elements of the system remain critically connected.



Why switch Analogue to Digital?

Analogue systems are being phased out and are becoming less reliable. Digital platforms offer enhanced functionality that can be deployed to transform service efficiency.



Why is it important that device information is synchronised?



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STATUS STORAGE ALARM UNIT END USER GROUP EVENTS ADMINISTRATION Welcome Paul

Technical status

Installation

Accessories

Alarm log

Configuration

Serial number
30000282

Alarm code
Search...

Add alarm unit

Load dev

Alarm unit overview

Id: 83590
Brand: TYNETEC
Product type: REACH
Model: 905
Alarm code: 30000282
1st carrier: Tynetec
2nd carrier: (View other units of this group)
Serial number: It use
Group: 91739054
Operational status: It use
Password: 91739054

Technical status

Technical status	Normal operation	
Connection to portal	OK	2019-09-26 13:44:40
Alarm to central	OK	2019-09-31 02:22:04
Main	OK	2019-09-01 16:21:50
Accumulator	OK (9.234 V)	2019-09-31 02:22:04
Radio interference	No information	
Battery in accessories	OK	2019-09-30 15:20:54
Radio test	No information	
Last reboot	OK	2019-09-30 12:20:57
Programming state	OK	2019-09-30 09:28:42

Firmware status

Data update: Synchronized 2019-09-30 12:23:54

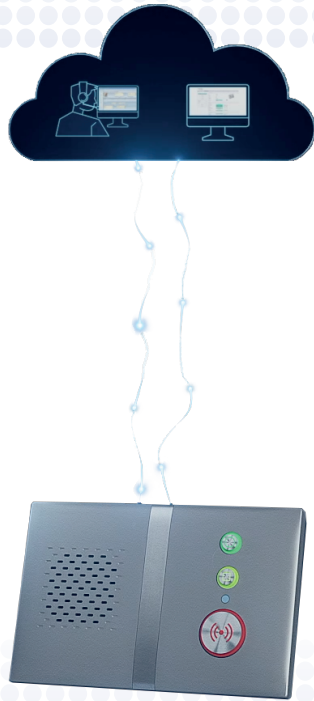
Synchronisation is carried out in order to provide full visibility of the digital eco-system. Ongoing system maintenance requirements can be monitored remotely without the need for a physical visit to a property.

What does Bi-directional mean?

Bi-directional technology offers a robust method of validating communication between two end points by acknowledging receipt of the data. Using a periodic heartbeat, devices and platforms can communicate efficiently and reliably.



What does critical digital connectivity mean?



Critical connectivity is a method of providing robust communication between a device and its management platform or alarm receiving centre. Security and redundancy are implemented in order to provide the highest levels of up time.

Digital Demystified

It's essential that data integrity and security is always maintained. Compliance with standards, implementation of secure infrastructures and regular penetration testing of products ensures resilience to potential cyber security threats.



What is TS50134-9?

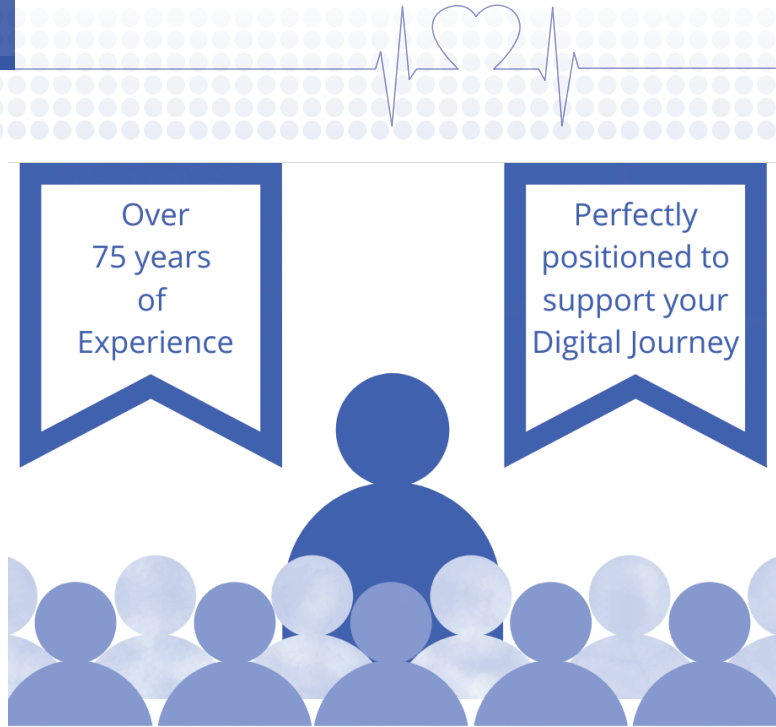


TS50134-9 is a Digital Communication protocol used by the Reach IP to talk to the Alarm Receiving Centre (ARC) in digital mode.

This offers secure communication channels between the alarm unit and ARC.

Why are we the market leader for these technologies?

Legrand are global leaders in digital building infrastructures and with over 75 years' experience in assisted living and healthcare we are perfectly positioned to support our customers on their journey as they transition from an analogue to a digital world.



What is BS8521-2 and why is it important?



Grouped Living



Monitoring Centre



BS8521-2 Fully Compliant

BS8521-2 is a digital IP protocol for use in specialised grouped living environments. It allows for a robust, secure, feature rich, digital connection to be made between a site and a digitally enabled alarm receiving centre.



**Our Business Development
Managers are available to help,
support and train.**

**Please contact your Regional
BDM for further details.**

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Registered in England No. 00115834

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