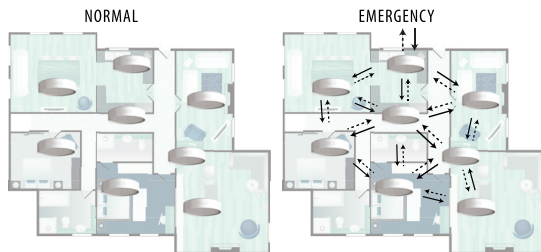# ANT WIRELESS SOLUTIONS
FOR SMART HOMES

More reliability. More speed. Better connectivity.

With a variety of configurations designed for high node count applications, ANT offers flexible and reliable choices for smart home solutions - especially when node-to-node connectivity is used for building safer home environments. Use as an end-to-end solution or in conjunction with other wireless protocols.

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NORMAL

EMERGENCY

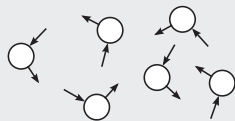# birdi

Using an optimized, high node count networking solution, Birdi's smart detectors are programmed to detect smoke, carbon monoxide and air quality changes. When a sensor detects an emergency, ANT transmitters will wake up and quickly notify other detectors in close proximity to trigger an alarm, creating a low latency, high node count, mesh topology network.

HOW IT WORKS

SCAN AND FORWARD, OPTIMIZED

A connectionless mesh network for control use cases that require large range capabilities with no special router nodes.

CONNECTIVITY REQUIREMENTS

ability to connect multiple sensors throughout a house

robustness and concurrent operation in WiFi, BLE & 2.4 GHz environments

low latency for extremely quick response times

low power consumption, long battery life (>7 years)

flexibility to co-exist with other ULP wireless solutions

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