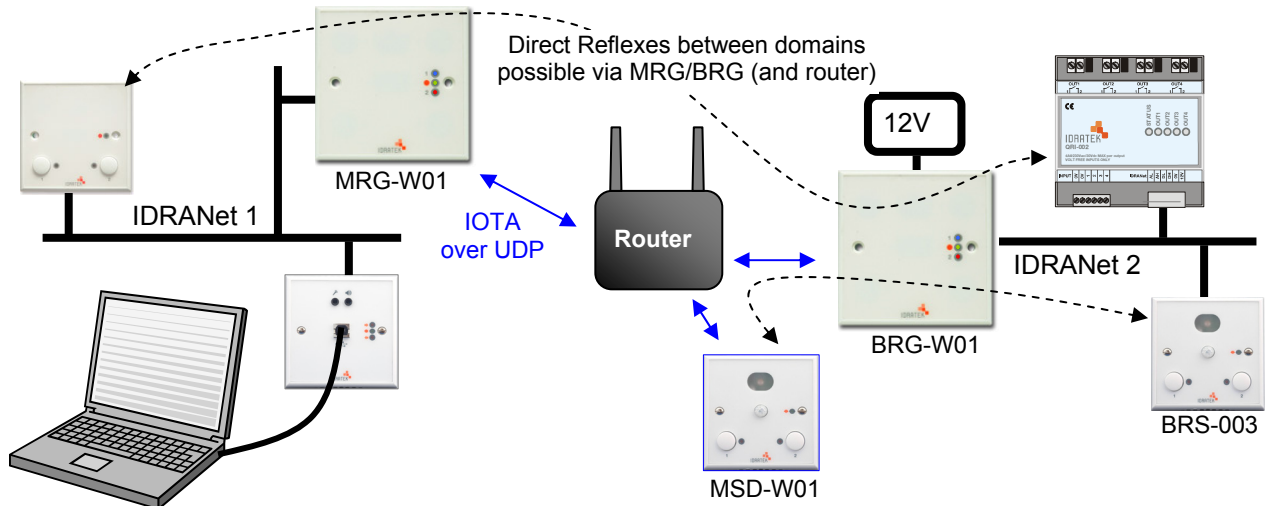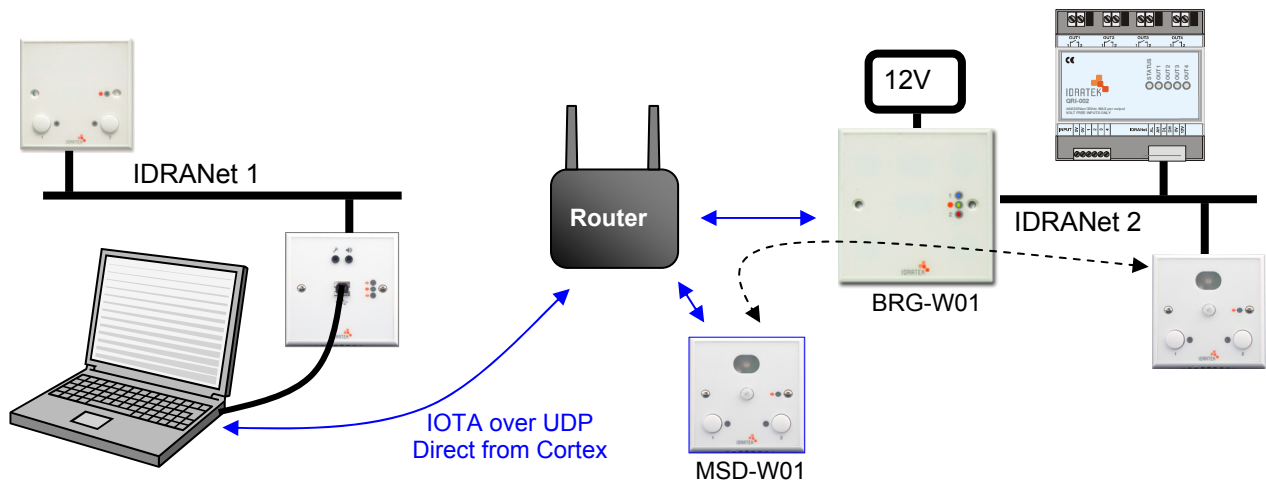# Examples of different configurations using the IDRANet Over The Air (IOTA) framework

IOTA over UDP:
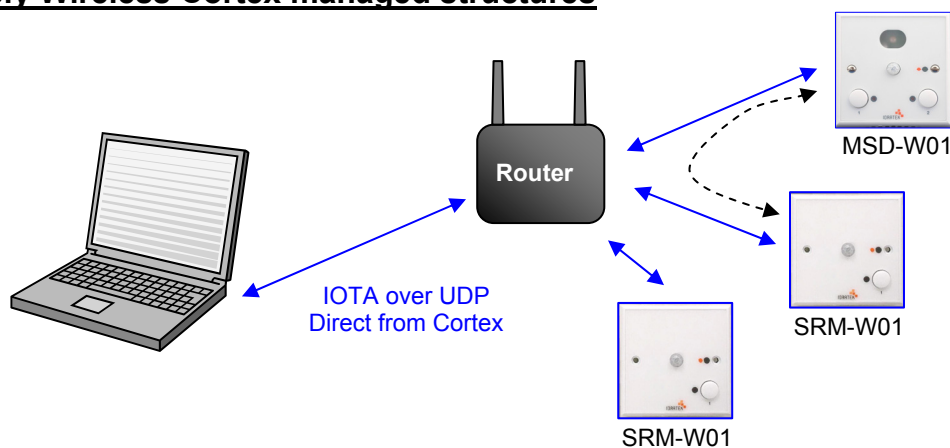## Mixed extensions to existing wired network via MRG

Direct Reflexes between domains possible via MRG/BRG (and router)

12V

MRG-W01

IDRANet 1

IOTA over UDP

Router

IDRANet 2

BRG-W01

BRS-003

MSD-W01

Mixed extensions to existing wired network via Cortex direct IOTA option

IDRANet 1

12V

Router

BRG-W01

IDRANet 2

IOTA over UDP
Direct from Cortex

MSD-W01

Entirely Wireless Cortex managed structures

Router

MSD-W01

IOTA over UDP
Direct from Cortex

SRM-W01

SRM-W01

IDRATEK
INTELLIGENT AUTOMATION

IOTA over MQTT:
Mixed remote extensions to existing wired network

Direct Reflexes between domains possible via MRG/BRG and Broker

12V

MRG-W01

IDRANet 1

IOTA over MQTT

MQTT Broker

IDRANet 2

BRG-W01

BRS-003

Note: MQTT Broker also implies various intermediate components such as routers at either ends of WAN connections if spanning across the internet

MSD-W01
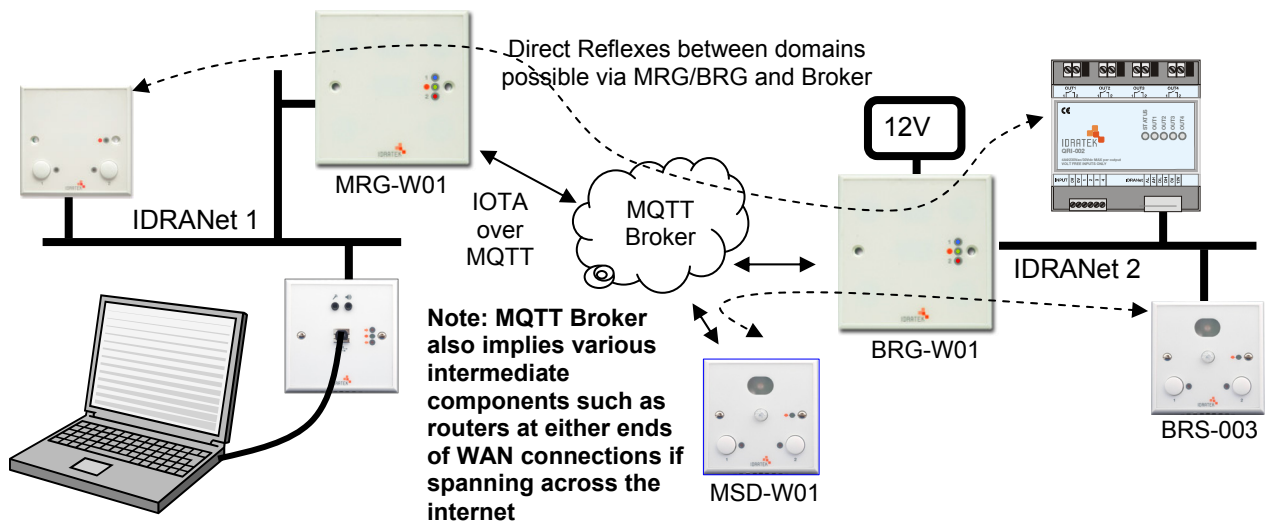
Remote 3rd Party Control of mixed IDRATEK device types

3rd Party Application with MQTT capability

MQTT Broker

12V

BRG-W01

IDRANet 1

MSD-W01
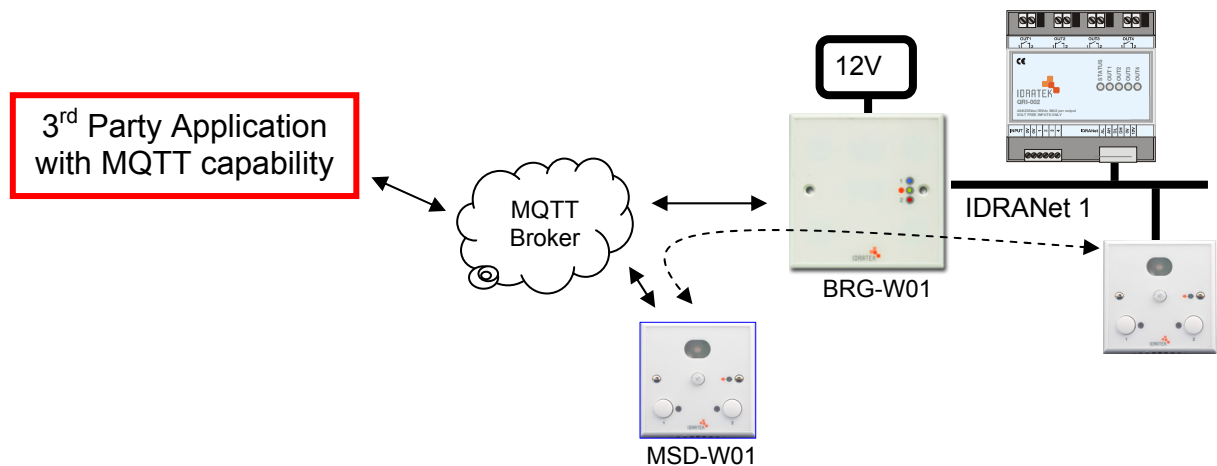
Remotely managed entirely wireless structures

3rd Party Application with MQTT capability

MQTT Broker

MSD-W01

SRM-W01

SRM-W01

IDRATEK
INTELLIGENT AUTOMATION