

**M2M**  
SERVICES

SIMPLICITY.  
APPLIED.

# Enabling the security industry worldwide

Residential  
Security

Commercial  
Security

Central Station  
Monitoring

SMART Self-  
Monitoring



# M2M Services

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SERVICES

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- ✓ Global IoT (Internet of Things) provider of hardware, software and connectivity services for the security industry
- ✓ Innovator with a 10 year R&D background delivering cutting edge hardware and software
- ✓ Over 400 000 devices connected worldwide and growing
- ✓ Healthy mix of hardware and recurring services revenues
- ✓ Universal, effortless integration with Honeywell, DSC, Interlogix, Paradox, Napco, DMP and many others
- ✓ European headquarters in Bulgaria, North American office in Florida
- ✓ Company founded in 2008
- ✓ Ownership – 100% privately owned

## IoT Pure Play

Private company focused solely on delivering IoT devices and services for the Security industry



## Steady financial growth

6 consecutive years with more than 20% YoY Growth



## Global Footprint

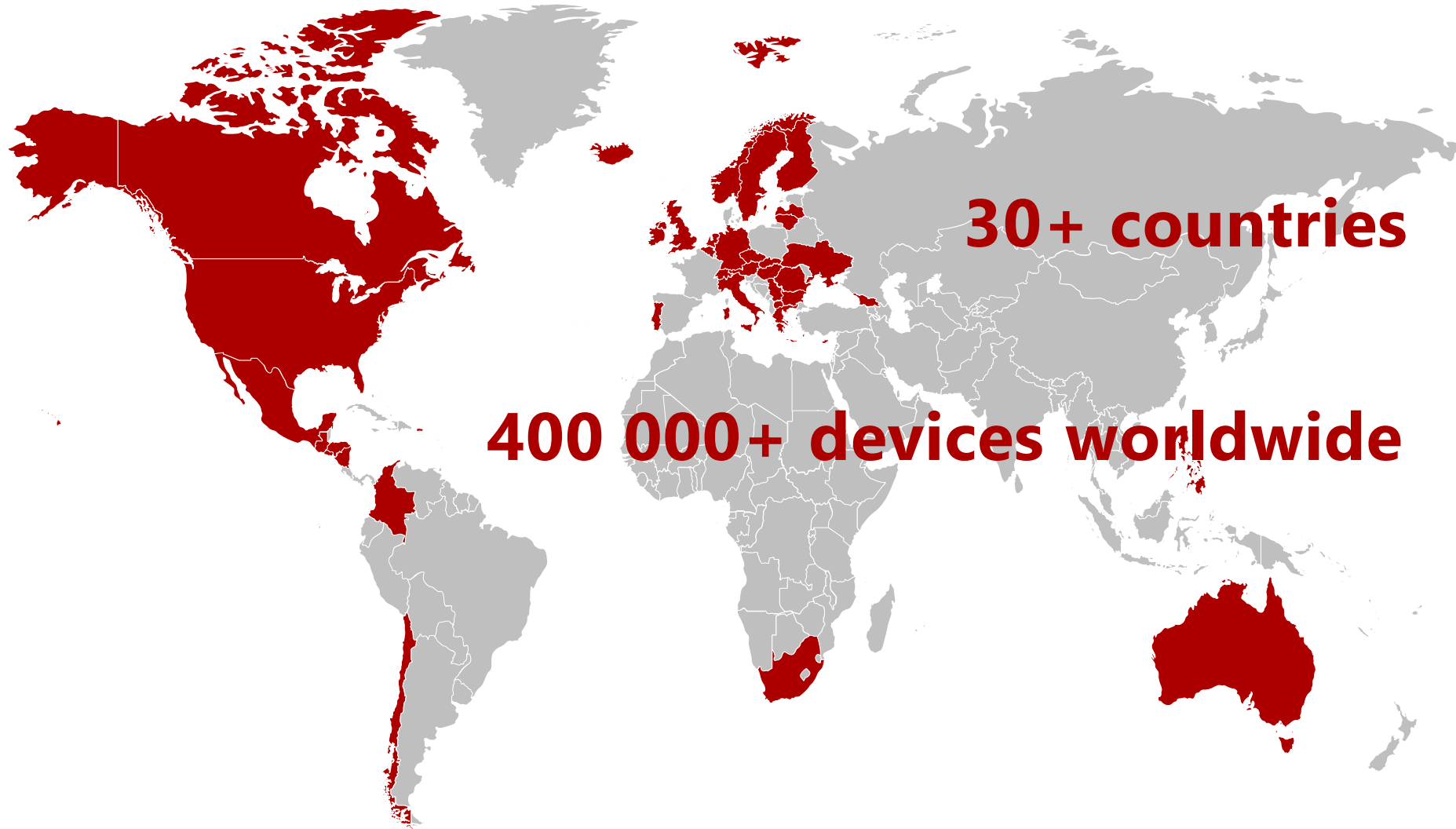
Works with companies in 30 countries located on 4 continents



# Key markets, partners and brands



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## Support for all major brands



## Telecom Partners

Worldwide      North America



# Our Mission

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CREATE SIMPLE, ROBUST, DEPENDABLE AND EFFECTIVE  
HARDWARE AND SOFTWARE SOLUTIONS FOR THE  
SECURITY INDUSTRY WORLDWIDE, ENABLING THEM  
TO CAPITALIZE ON THE RAPIDLY GROWING  
MARKET OF SMART RESIDENTIAL AND  
COMMERCIAL SECURITY.



# Products and Services Portfolio



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## Universal Cellular Communicators Alarm Panels



Connectivity Without Complexity

## Management Platform and Apps



Alarm Monitoring Made Simple

## Global Connectivity



Exceptional redundancy with multiple operators per country

# Benefits

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## FUTURE PROOF TECHNOLOGY

Support for LTE CAT M1 Cellular Networks  
2G fallback in case LTE-M is not available



## MULTIPLE OPERATORS PER COUNTRY

Dual-SIM each supporting multiple operators



## INTERACTIVE FEATURES

Smartphone App for end users and Admin App for installers



## IMPROVED RECURRING REVENUE

Flat-rate low monthly fees for improved profitability



## LTE CAT M1 Network Benefits

- ✓ Expected to last for more than 10 years. The technology will be supported even after the future upgrade to 5G
- ✓ LTE-M increases coverage by a factor of 7 - carriers can cover wider territory using less cell towers, compared to standard 2G,3G,4G/LTE
- ✓ Hassle - free installation due to better indoors signal penetration.

# Products portfolio



## MQ03-LTE-M-EN54 Communicators

### Commercial Fire Alarm Communicator

- Multi-band LTE-M  
700/800/850/900/1700/1900/2100 MHz,  
GPRS 850/900/1800/1900MHz
- Dial Capture interface - ContactID, SIA,  
Pulse 4+2, FF
- 4 digital inputs
- 2 transistor outputs
- 2 built-in SIM chips
- Antenna connector: SMA, 50 ohms
- Supply voltage: +12 to +29 VDC
- Peak Current Consumption: 200 mA
- Current Used in Standby Mode: 15mA
- Dimensions: 63x90x32mm
- Conforms to RED, EN54-21, EN50136-  
1/2, EN50131-1/10



## MQ03-LTE-M Communicators

### Residential Alarm Communicator

- Multi-band LTE-M  
700/800/850/900/1700/1900/2100  
MHz, GPRS 850/900/1800/1900MHz
- Dial Capture interface - ContactID, SIA,  
Pulse 4+2, FF
- 2 digital inputs
- 2 transistor outputs
- 2 built-in SIM chips
- Antenna connector: SMA, 50 ohms
- Supply voltage: +12 to +29 VDC
- Peak Current Consumption: 200 mA
- Current Used in Standby Mode: 15mA
- Dimensions: 63x90x32mm
- Conforms to RED, EN50136-1/2,  
EN50131-1/10



## RControl Hybrid Alarm Panel

### Smart Hybrid Alarm System

- Built-in communicator  
Multi-band LTE-M  
700/800/850/900/1700/1900/2100  
MHz, GPRS 850/900/1800/1900MHz
- 2 Partitions
- Up to 16 wired zones
- 32 wireless zones
- 2 programmable outputs  
(open collector 500mA)
- Built-in RF receiver 433 Mhz for  
keyfobs and the wireless detectors
- Built-in 100dB piezo siren
- Power Supply 90-260VAC –  
14VDC 0.8A
- 12V lead-acid battery charger
- Conforms to RED

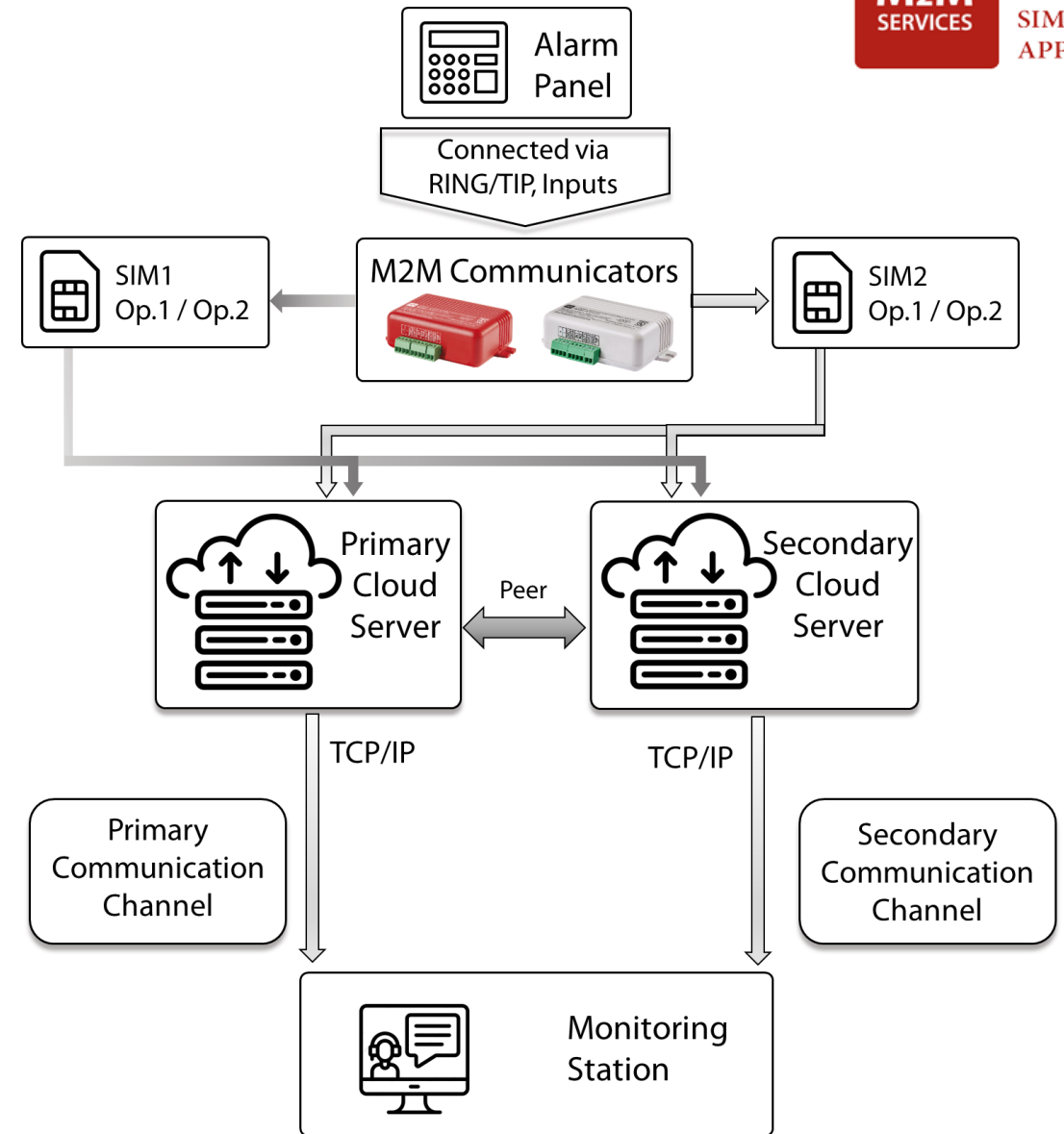
# Communication Flow

## General Overview



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- ✓ Devices connect to alarm panel using Dial Capture interface or digital inputs
- ✓ Devices are Dual-SIM, each supporting multiple operators per country
- ✓ Each device is configured to communicate to two geo-redundant servers within M2M's infrastructure
- ✓ Two channels are setup for the reporting from M2M infrastructure to the central station using standard communication protocols:
  - ✓ Surgard MLR2 or SYSTEM III
  - ✓ Ademco 685
  - ✓ DC09 (SIA over IP)





# Management Platform and Smartphone Apps

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## Centralized Management

Cloud-powered, web-based anytime, anywhere access to your devices.



## Rcontrol App - End Users

Real time push and email notifications. Remote Arm/Disarm from your smartphone, keep a 12 month history of events. Dealer branded interface. Control multiple devices



## Diagnostics and Configuration

Check device status and events, upgrade firmware over-the-air, overwrite account numbers for takeovers, check cellular signal strength, etc.



## Rcontrol Admin - Installers

Check device status, events and signal level. Enable/disable reporting to central station, overwrite account number, configure device inputs/outputs, add/edit end user accounts.



## Dealer and End-User management

Our web portal allows the Monitoring Stations to create and manage accounts for their employees, dealers, end-users.

# END USER MOBILE APPLICATION



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## MOBILE APP FOR IOS AND ANDROID

Search for RControl in the App Stores



## REMOTE ARM/DISARM VIA KEYSWITCH OR KEYBUS\*

Control any panel via the RControl end users app



## CUSTOM BRANDING WITH YOUR COMPANY'S LOGO

Branded per central station or dealer with logo and contact details



## HISTORY OF EVENTS BACK IN TIME

Events history available 12 months back in time



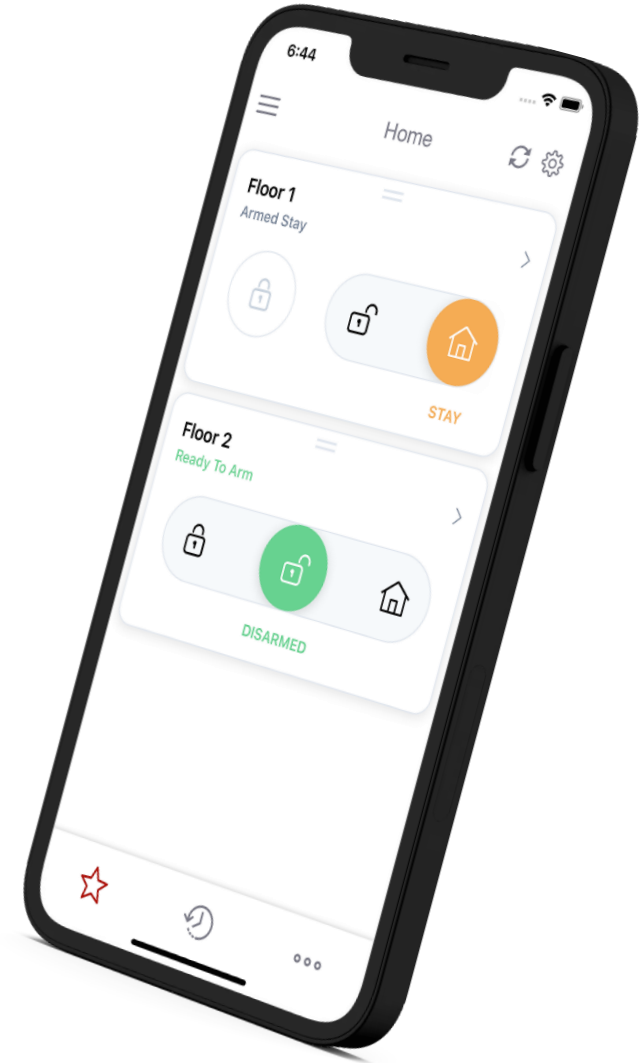
## MULTIPLE OPTIONS FOR REAL-TIME USER NOTIFICATIONS

Free push and email notifications for all signals



## LABELING OF PARTITIONS, ZONES AND USERS

Customizable per device/user



\*KEYBUS integration is available for selected panels

# INSTALLERS MOBILE APPLICATION



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## AVAILABLE FOR IOS AND ANDROID

Search for RControl Admin in the App Stores



## REMOTE DEVICE CONFIGURATION AND MONITORING

Configure and monitor your accounts anytime, anywhere



## CHECK SIGNALS IN REAL-TIME AND 12M HISTORY

Easily confirm events reporting during installation



## CHECK SIGNAL LEVEL

Provides information for the current cellular signal strength



## CHECK VOLTAGE LEVEL

Real-time info for the power supply status



## CENTRAL STATION REPORTING CONFIGURATIONS

Overwrite account numbers from panel and enable/disable reporting to CS



## MANAGE END USER ACCOUNTS

Create new accounts for the end user app or edit existing users





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**WE LOOK FORWARD TO WORKING WITH YOU**

