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RISCO University

RISCO GROUP

Creating Security Solutions, With Care

ProSYS Plus

Introduction

V 1.1.0.10

Lesson Objectives

By the end of this lesson, you will be able to…

- Explain ProSYS Plus and its operational concept
- Identify the main components of ProSYS Plus
- Explain the main features of ProSYS Plus
- Explain system capabilities

Agenda

- ✓ Introduction to ProSYS Plus
- ✓ RISCO BUS
- ✓ ProSYS Plus System Architecture
- ✓ Programming Tool

Setting the Bar in Security

G3

RISCOBUS
Save • Control • Win

SynopSYS™
Integrated Security & Building Management

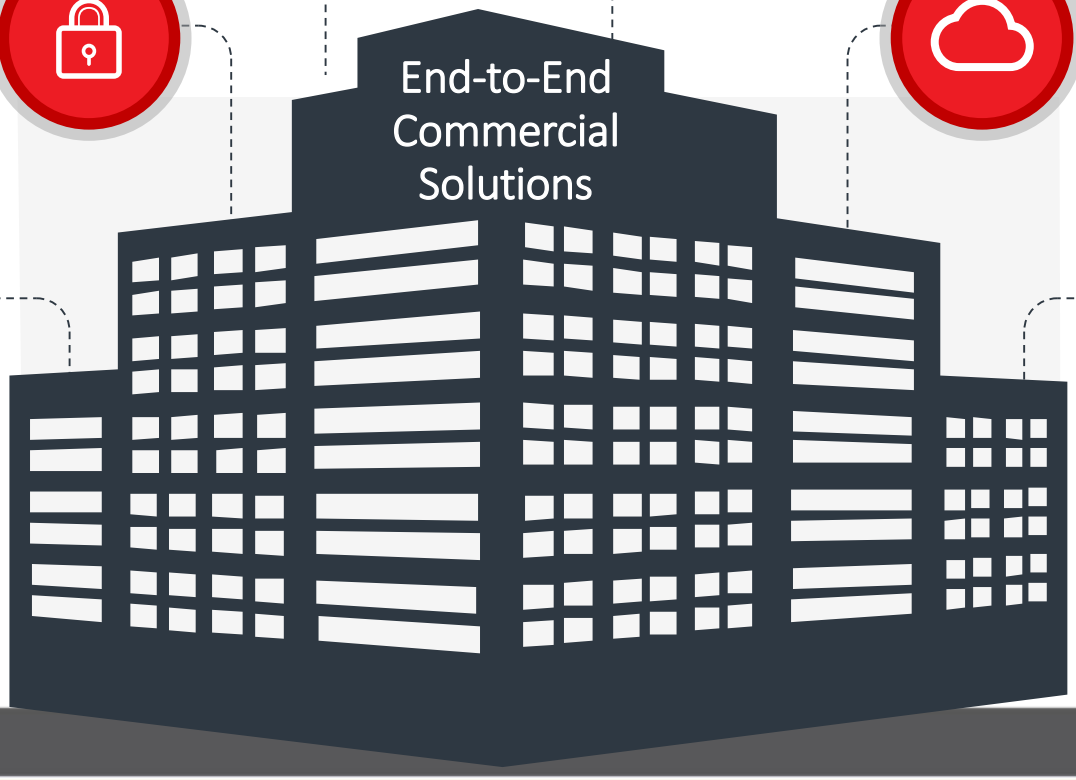
ProSYS Plus – Taking Security to the Limit

Advanced Communications
Backup & Redundancy

Super Hybrid
Commercial & Industrial Detectors

High Security
Grade 3

RISCO Cloud
Value Added
Services



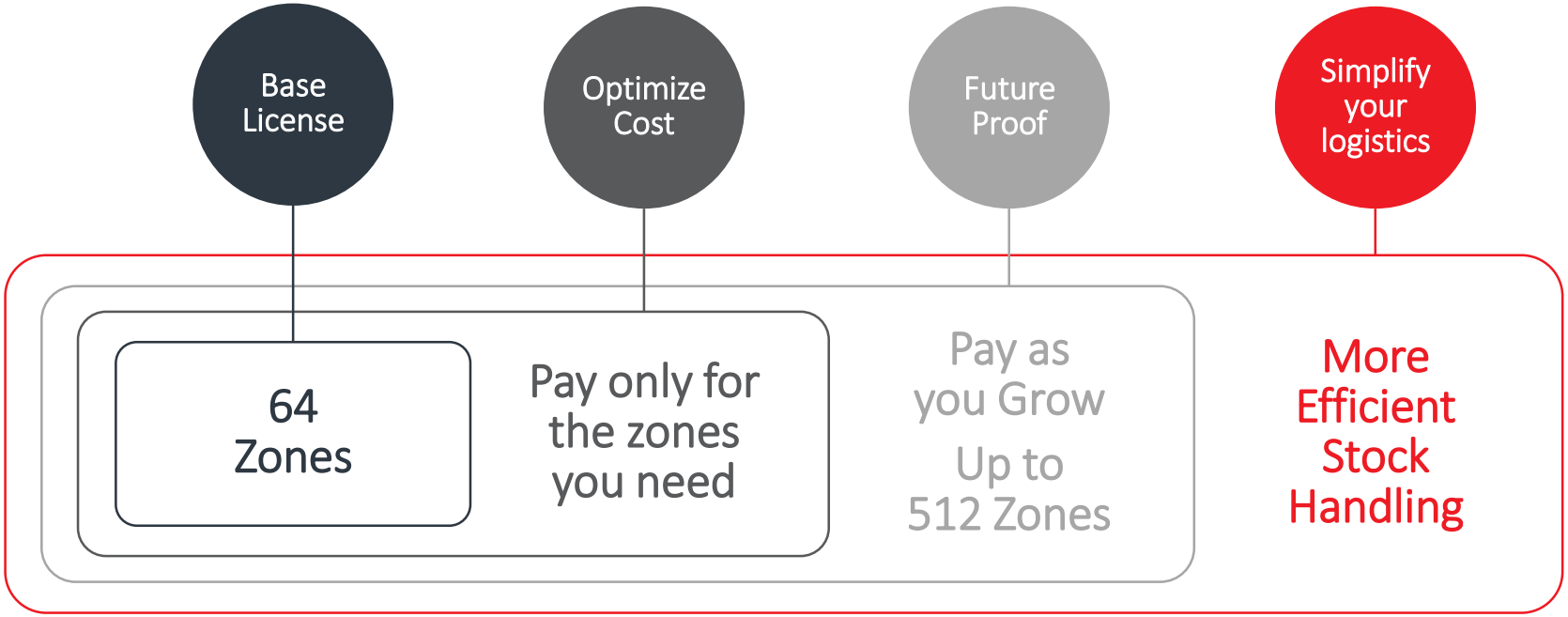
Ultimate
Scalability up
to 512 Zones

Variety of
Monitoring &
Control
Solutions

Unlimited Scalability - Innovative Licensing

The Ultimate Single-Platform Solution

All Installations All Applications



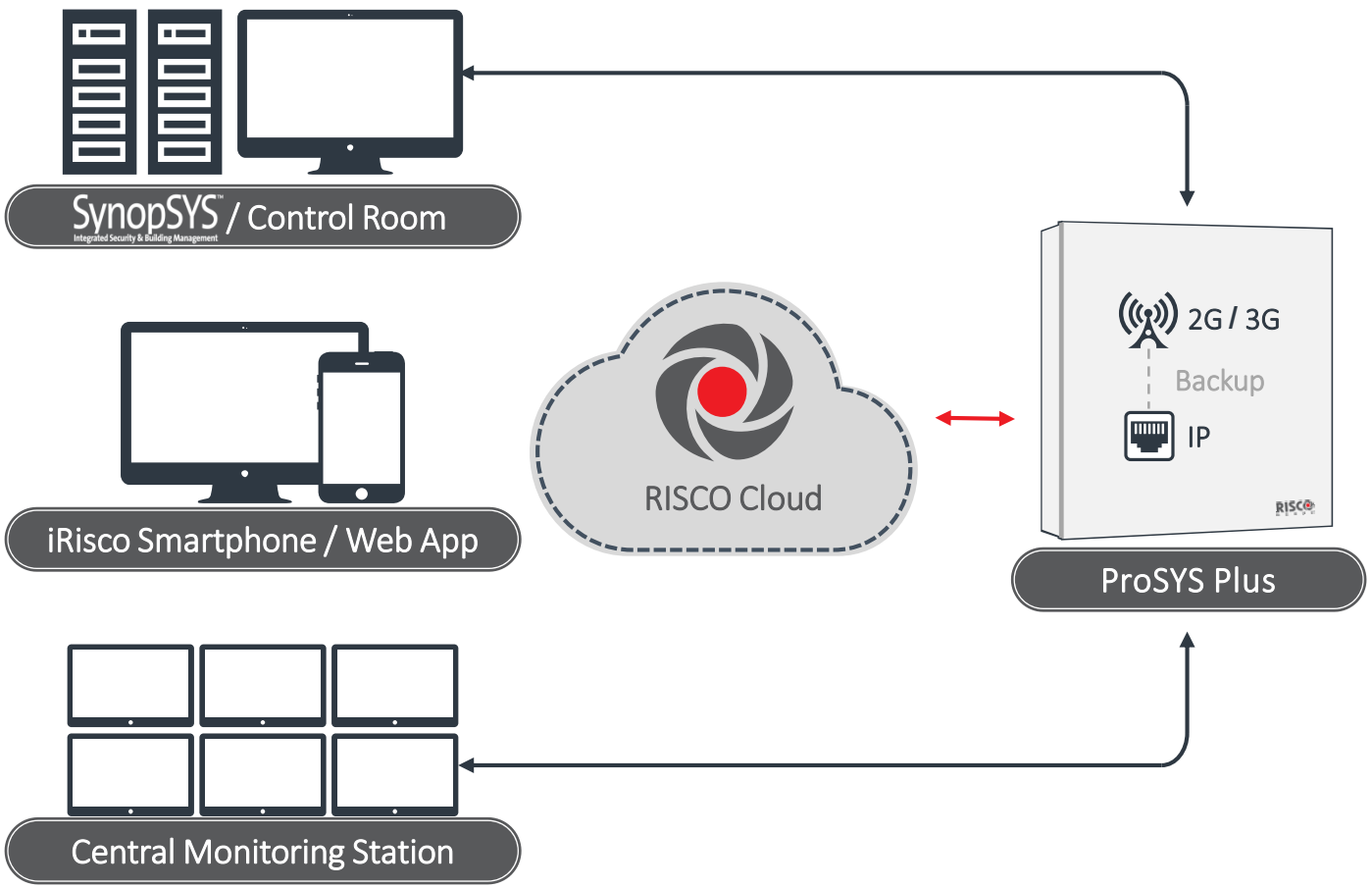
Multi-Socket. Backup & Redundancy

Advanced Multi-Socket Communications

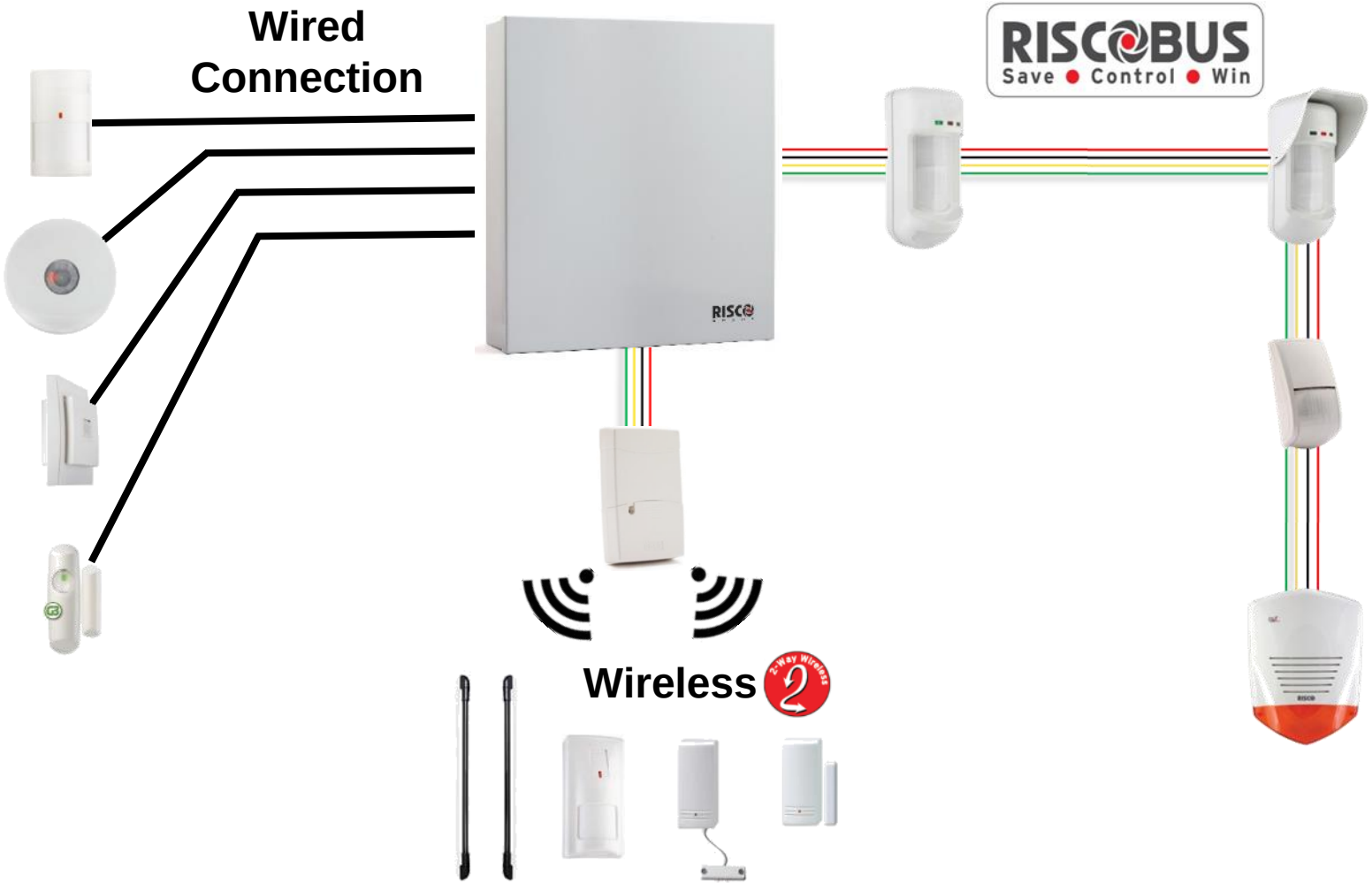
3G Cellular Connectivity

Automatic backup (failover) between IP & 2G/3G

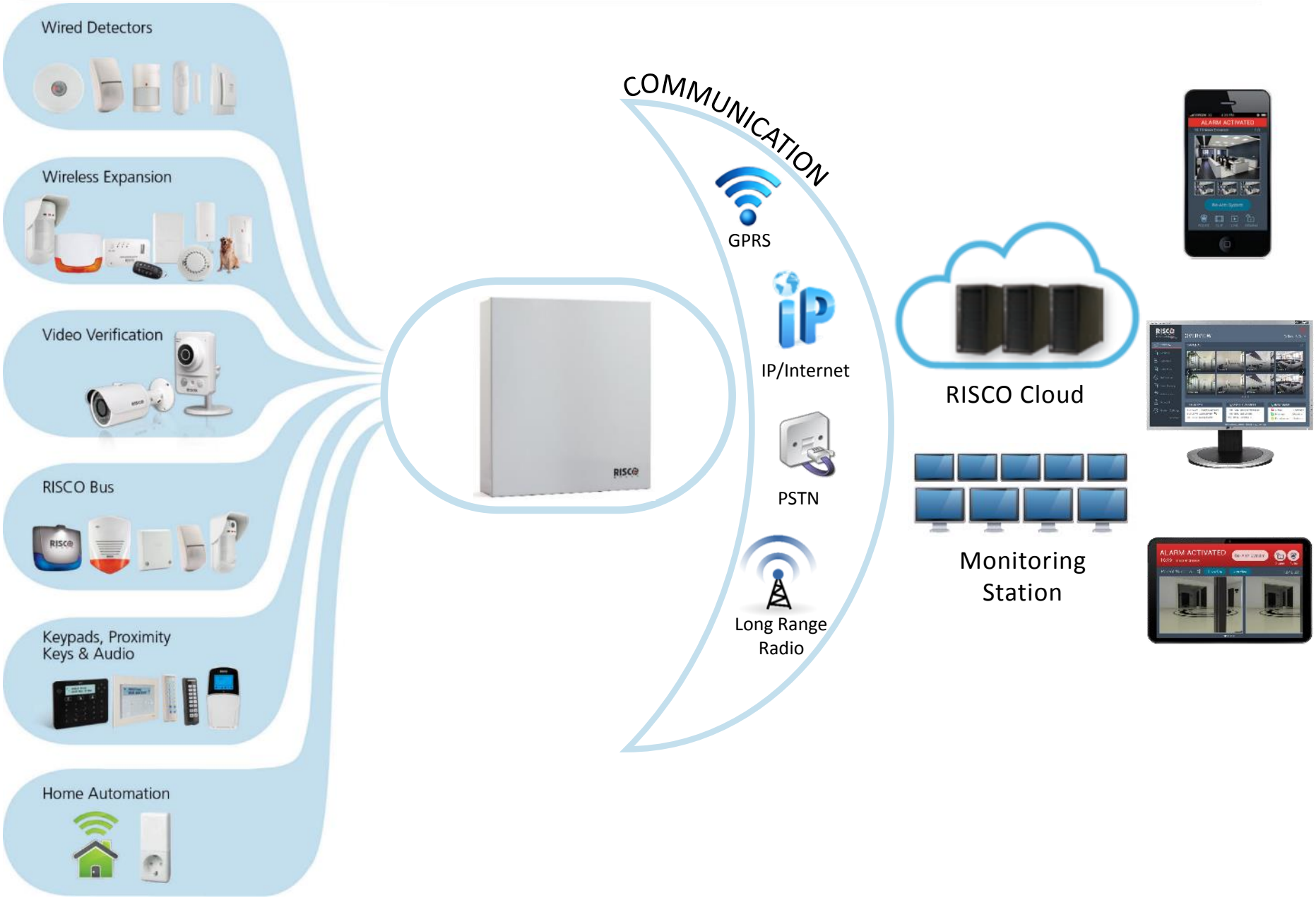
Automatic cloud backup for alarm reporting to CMS



Super Hybrid Solution

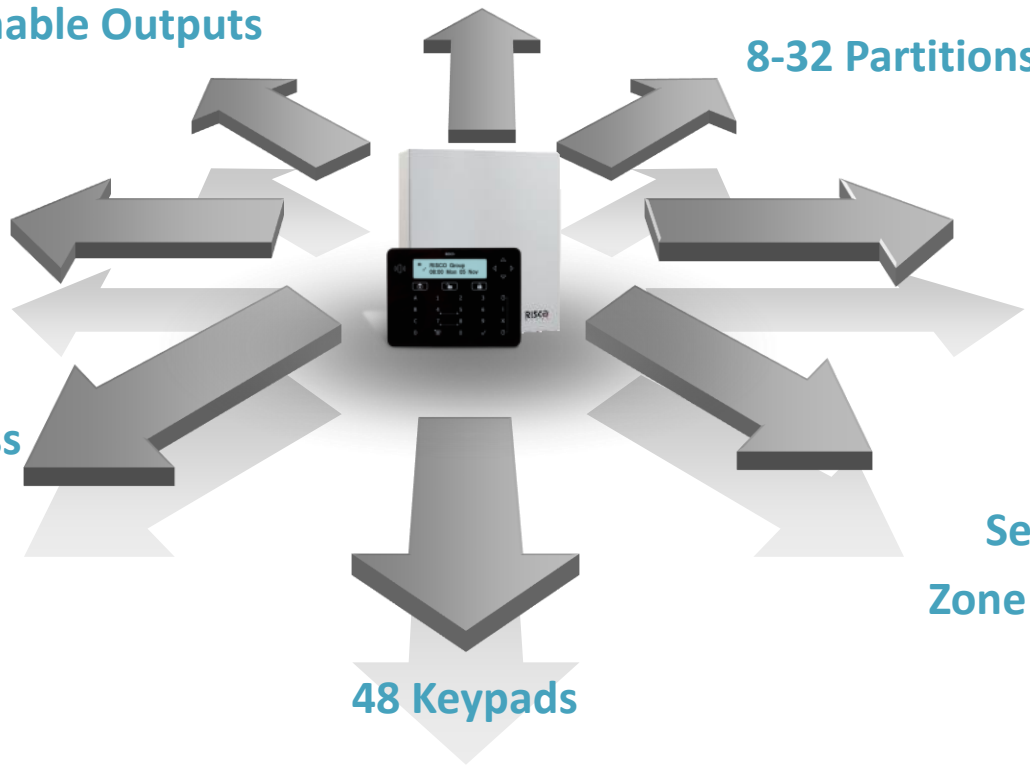


ProSYS Plus – Complete Solution

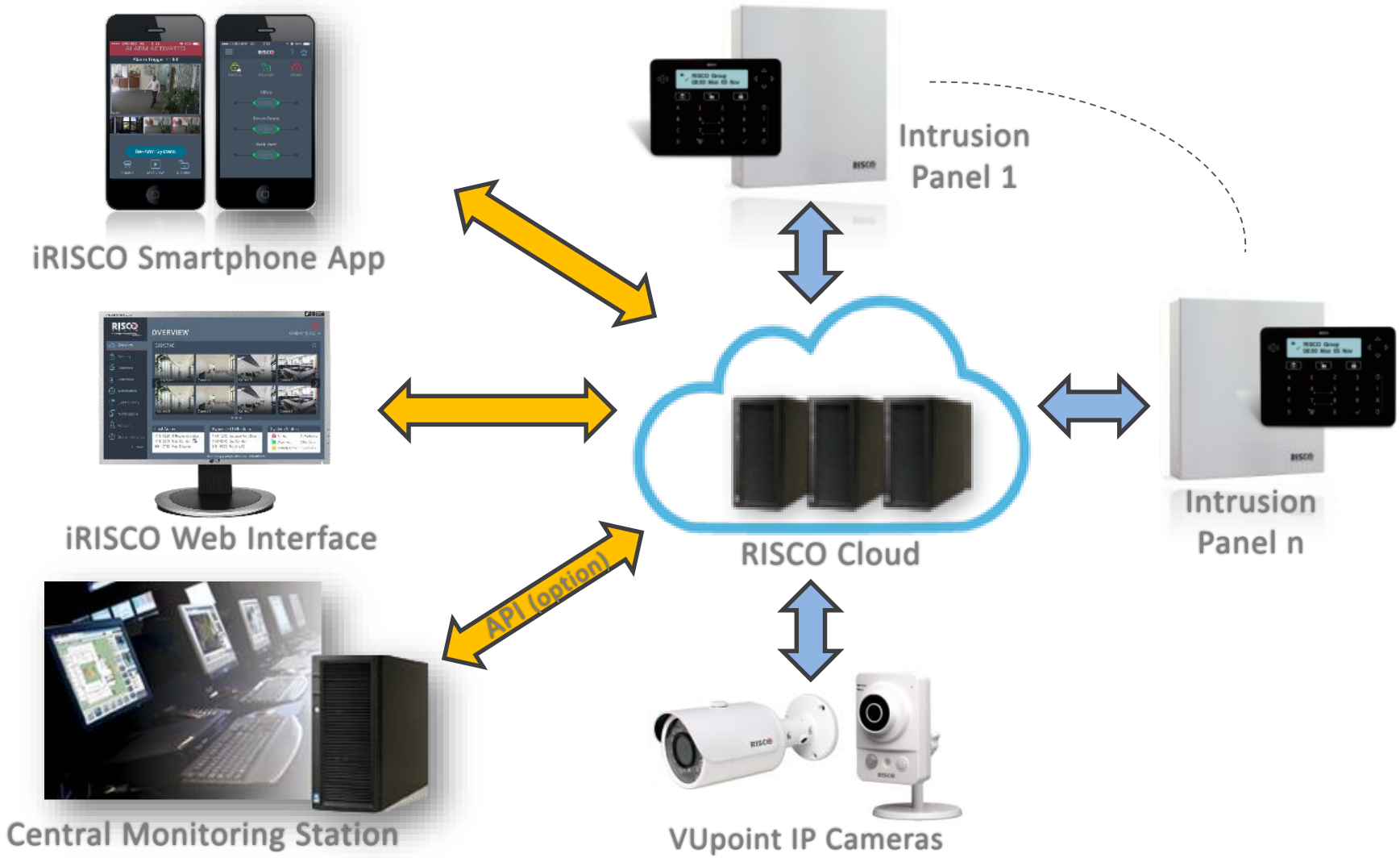


ProSYS Plus Specifications

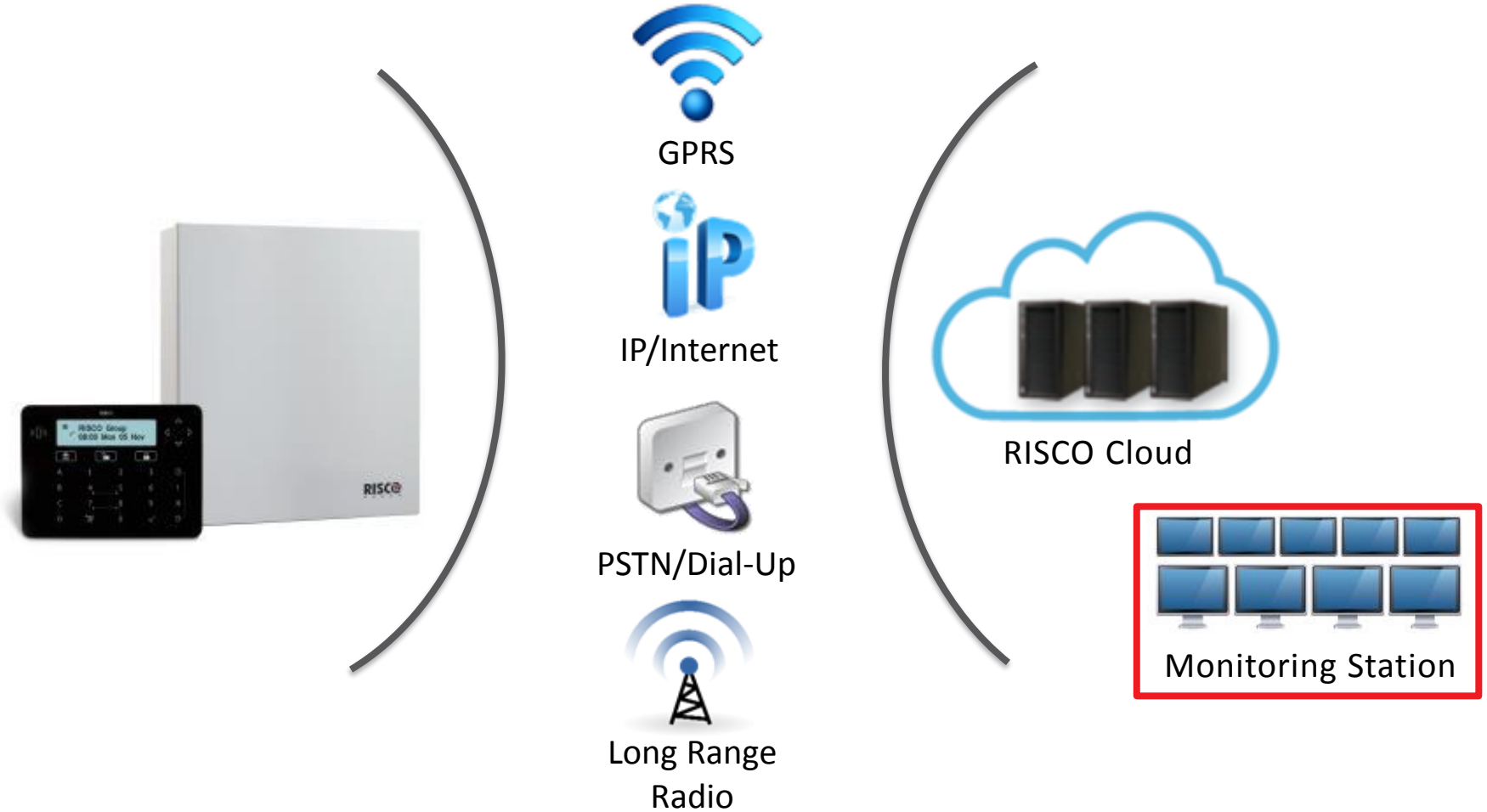
Licensing Model: ProSYS Plus supports Zones Licensing depending on the needs of the End user



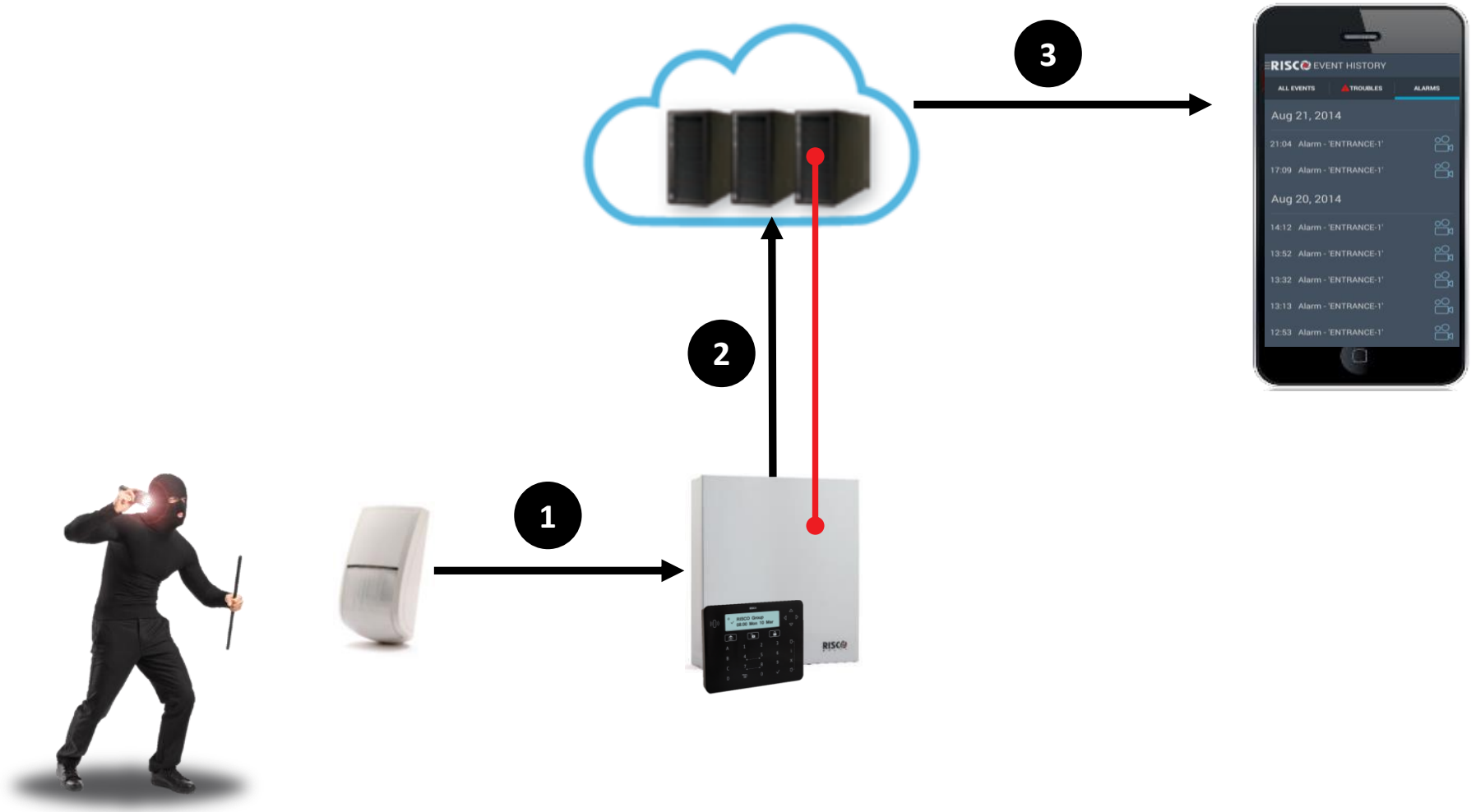
RISCO Cloud Architecture



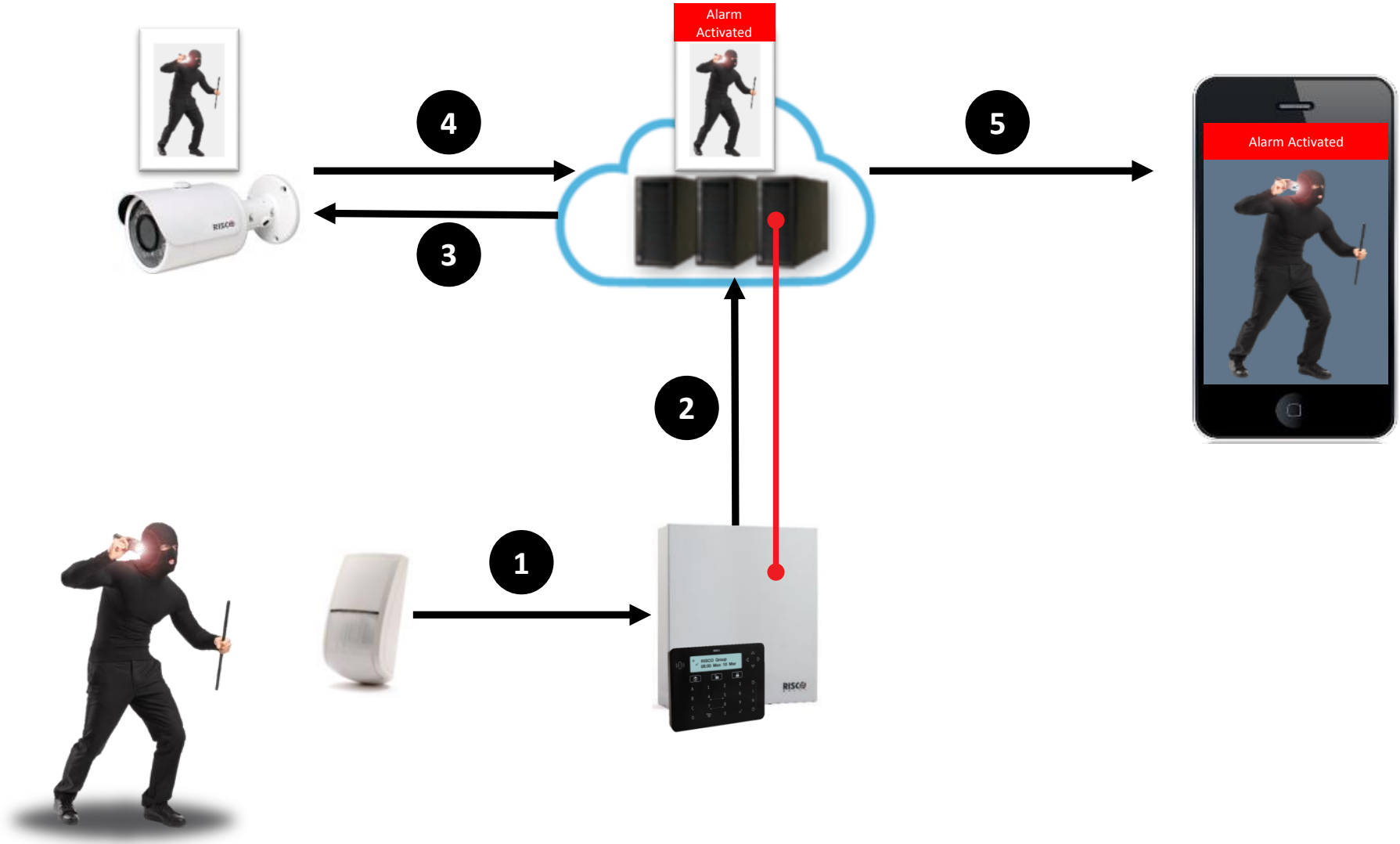
Communication Methods



Basic Operation Concept



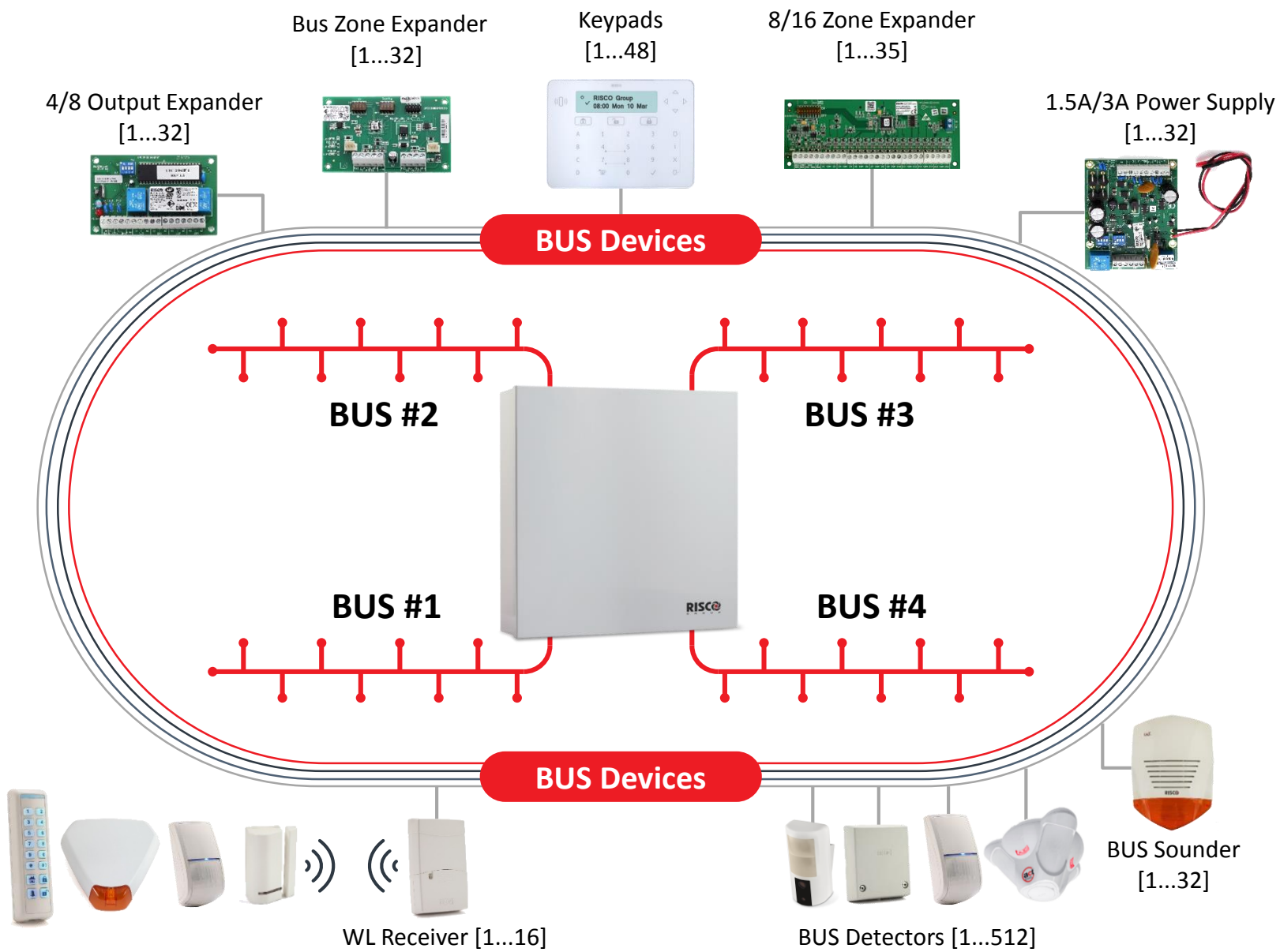
Basic Operation Concept with IP Camera



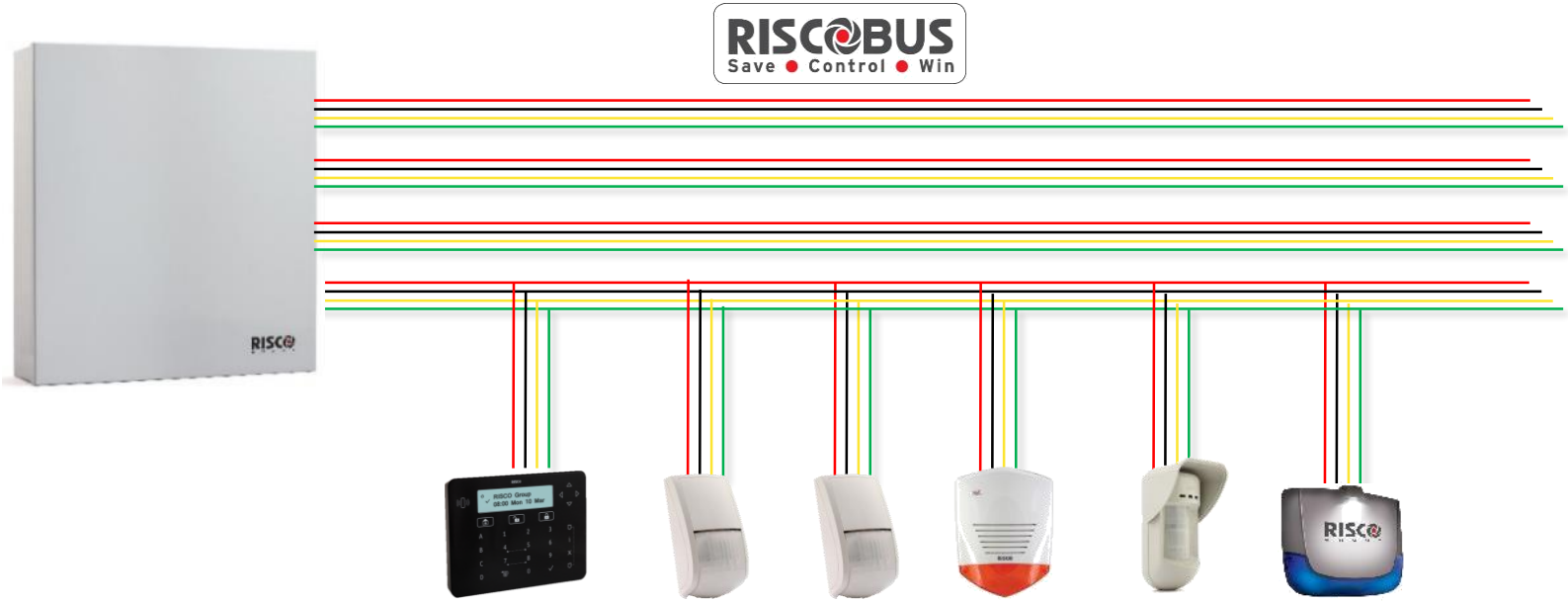
Agenda

- ✓ Introduction to ProSYS Plus
- ✓ RISCO BUS
- ✓ ProSYS Plus System Architecture
- ✓ Programming Tools
- ✓ ProSYS Plus Licensing Model

RISCO BUS


Bus Zone Expander
[1...32]
Keypads
[1...48]
8/16 Zone Expander
[1...35]
4/8 Output Expander
[1...32]
1.5A/3A Power Supply
[1...32]
BUS Devices
BUS #2
BUS #3
BUS #1
BUS #4
BUS Devices
BUS Sounder
[1...32]
WL Receiver [1...16]
BUS Detectors [1...512]

RISCOBUS

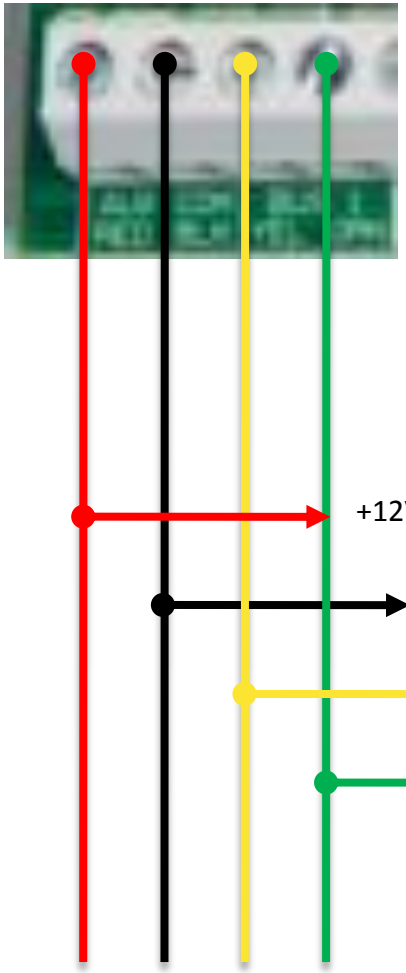


Reduce
Installation Time

Short
Wiring Lengths

Reduce
On-Site Maintenance

RISCOBUS| Wiring



RISCOBUS
Save • Control • Win

+12V DC Power for modules on the BUS (AUX)

0V common for modules on the BUS (COM)

RS 485 DATA

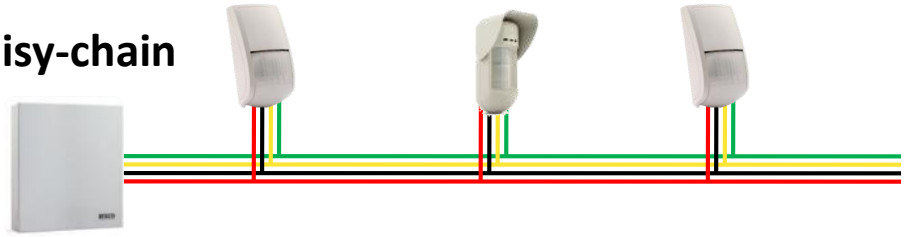
RS 485 DATA

Send Settings, Receive Events, and Read Diagnostics

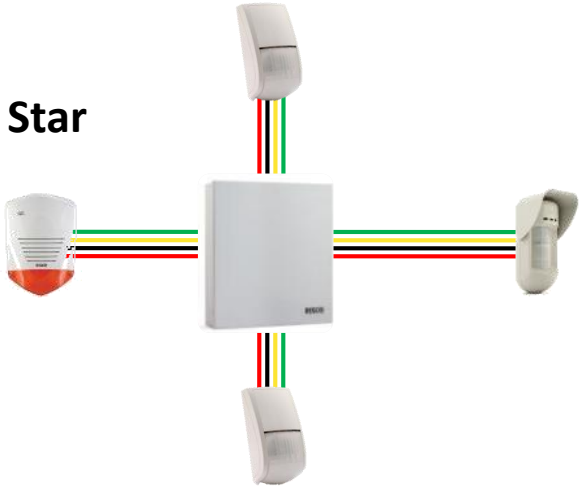
RISCOBUS| Combinations

RISCOBUS
Save • Control • Win

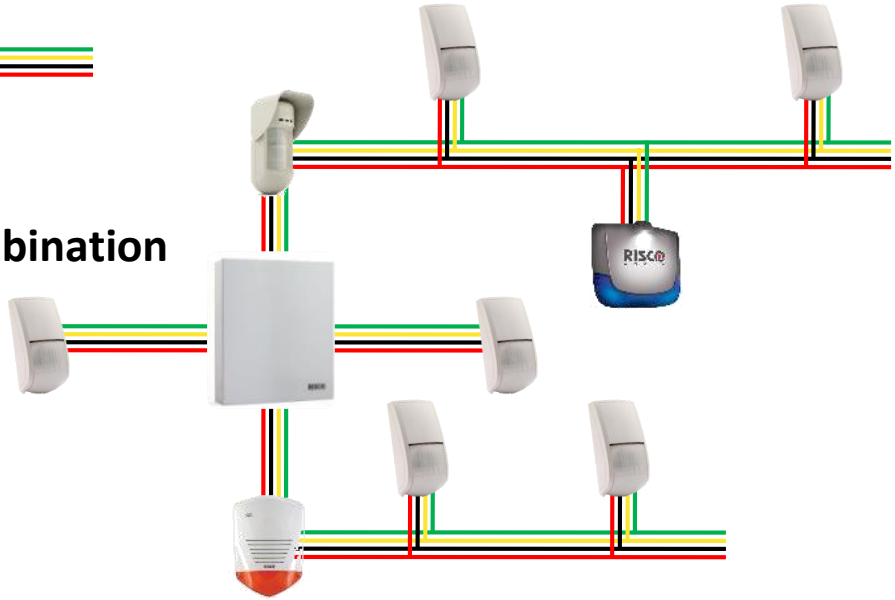
Daisy-chain



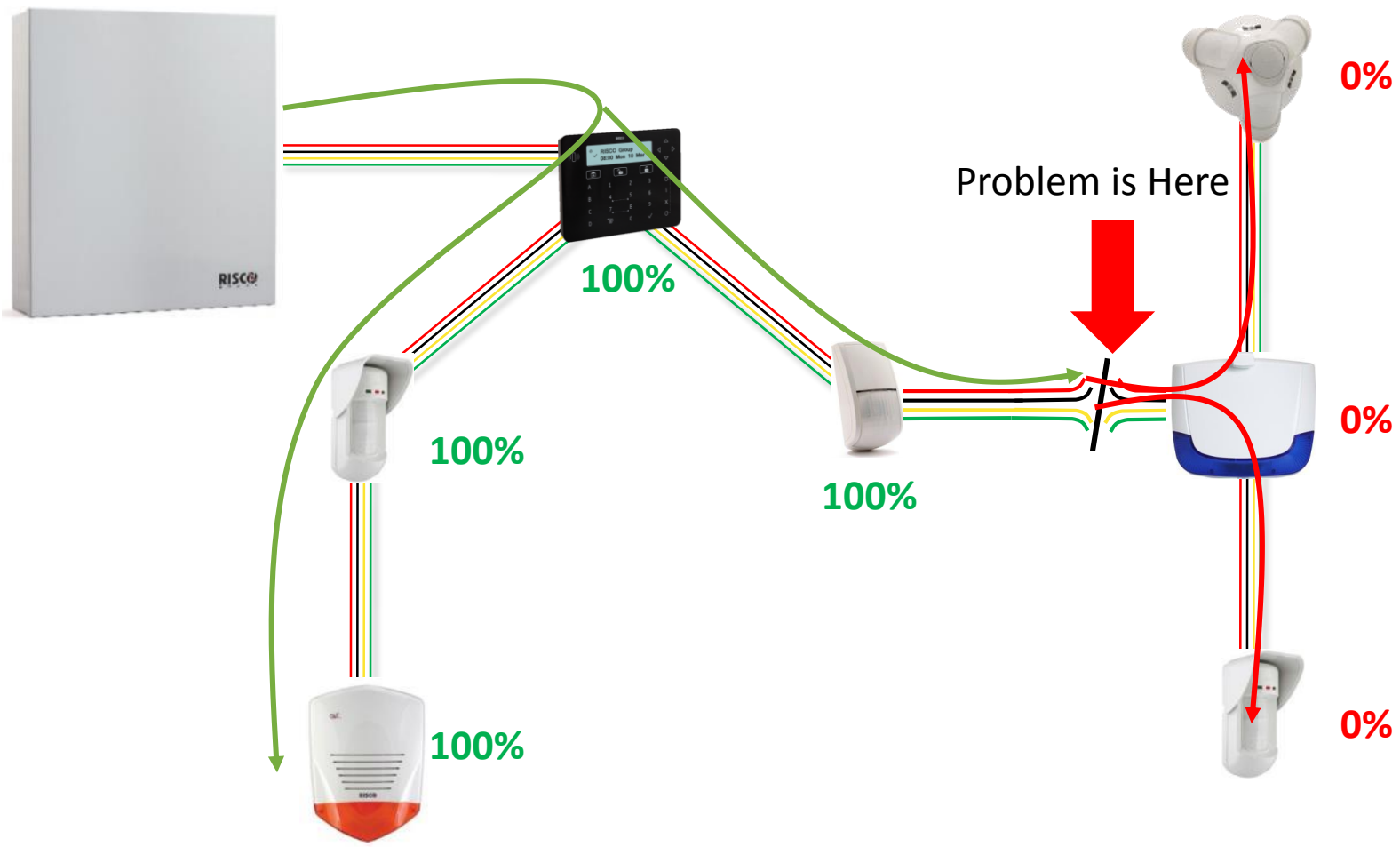
Star



Combination



RISCOBUS| Wiring



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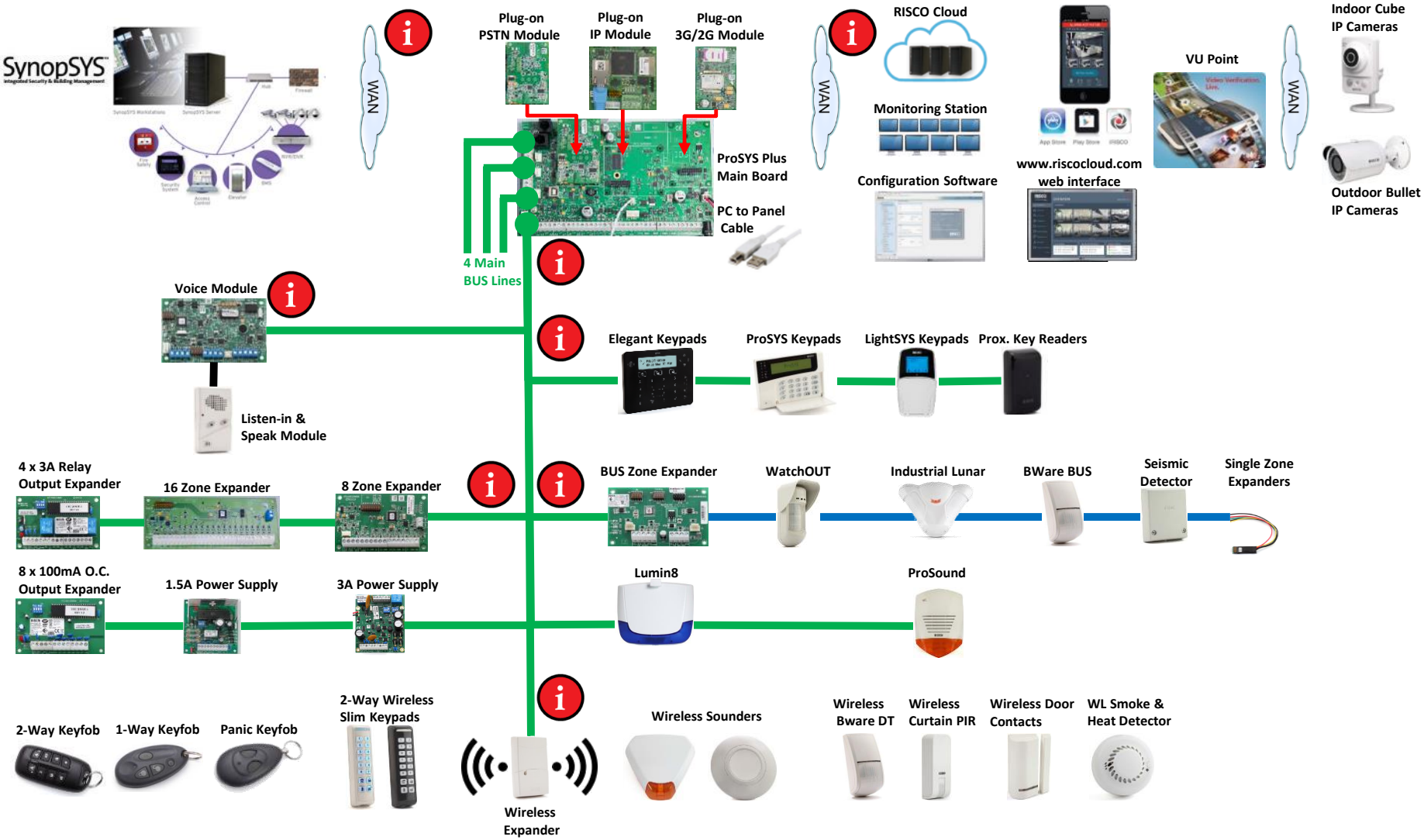
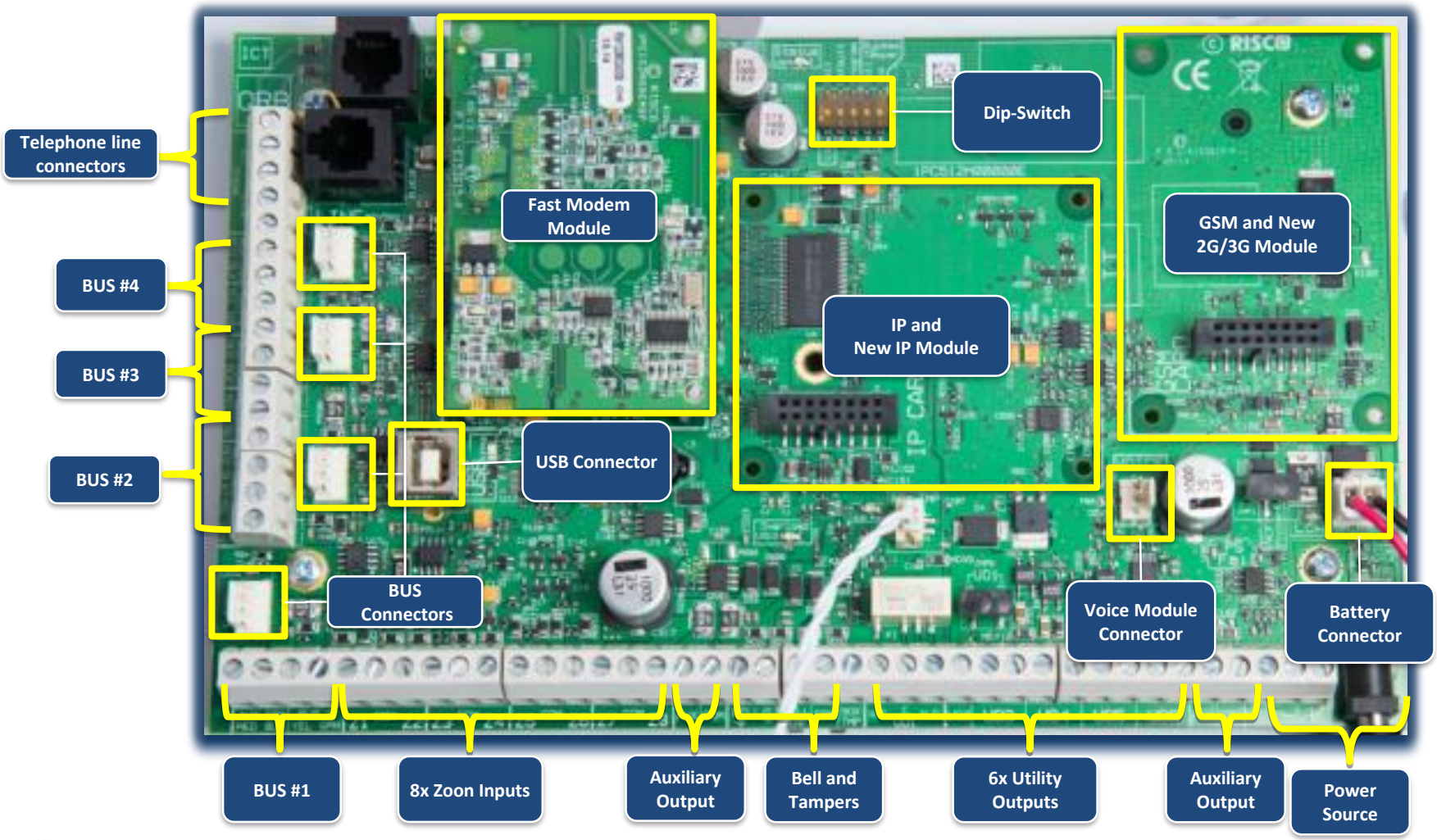
ProSYS Plus System Architecture



Main Board


Telephone line connectors
BUS #4
BUS #3
BUS #2
Fast Modem Module
Dip-Switch
GSM and New 2G/3G Module
IP and New IP Module
USB Connector
BUS Connectors
Voice Module Connector
Battery Connector
BUS #1
8x Zoon Inputs
Auxiliary Output
Bell and Tampers
6x Utility Outputs
Auxiliary Output
Power Source

Communication Plug-in Modules

Fast Modem Module

Multi-Socket IP

Multi-Socket 2G/3G

Main Board

ProSYS Plus Voice Module

Control Menu

1. ARM / DISARM
2. Zone Bypass
3. UO activation /deactivation
4. Change FM
5. Listen / talk
6. Recording options

Voice Module

x1 per system

Main Board

Bus

Audio

Listen-in & Speak Module

x4 per system

Keypads and Readers

Main Board

Elegant Keypad

x48 per system
x32 per BUS

ProSYS Keypad

x48 per system
x16 per BUS

LightSYS Keypad

x48 per system
x16 per BUS

Proximity Key Reader

x64 per system
x16 per BUS

BUS Detectors and Accessories

Main Board

BUS Zone Expander

x32 per system
x8 per BUS

WatchOUT

Industrial Lunar

BWare BUS

Beyond Detector

Single Zone Expanders

X512 BUS Detectors per System
X32 per BUS zone expander

Lumin8

ProSound

x32 per system
x8 per BUS

Expansions and Power Suppliers

We can have x32 per BUS up to Zone 32

4 x 3A Relay Output Expander

x32 per system
x8 per BUS

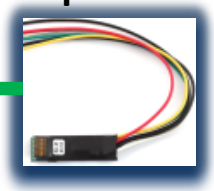
16 Zone Expander

x35 per system
x32 per BUS

8 Zone Expander

x35 per system
x8 per BUS

Single Zone Expanders



8 x 100mA O.C. Output Expander

x32 per system
x8 per BUS

1.5A Power Supply

x32 per system
x8 per BUS

3A Power Supply

x32 per system
x8 per BUS

Wireless Accessories

Main Board

2-Way Wireless Slim Keypads

x16 per system
x8 per BUS

Wireless Expander

Wireless Sounders

X32 wireless keypads per system
X2 per Wireless Expander

X32 wireless sounders per system
X3 per Wireless Expander

2-Way Keyfob

1-Way Keyfob

Panic Keyfob

Wireless Beyond

Wireless BWare DT

Wireless Curtain PIR

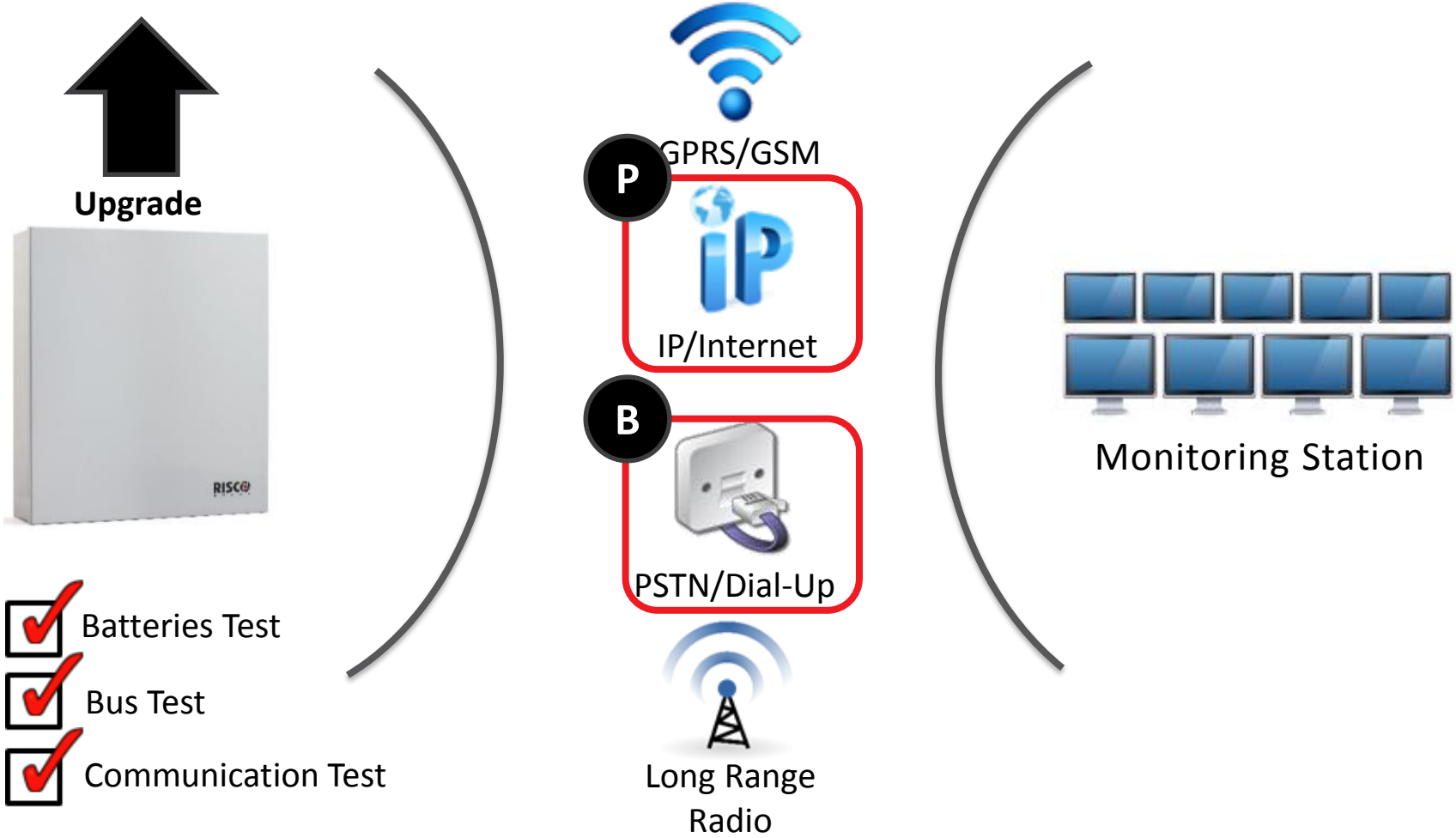
Wireless Door Contacts

WL Smoke & Heat Detector

X256 Keyfobs per system
X16 per Wireless Expander

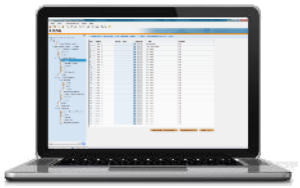
X256 wireless detectors per system
X32 per Wireless Expander

Connection to MS



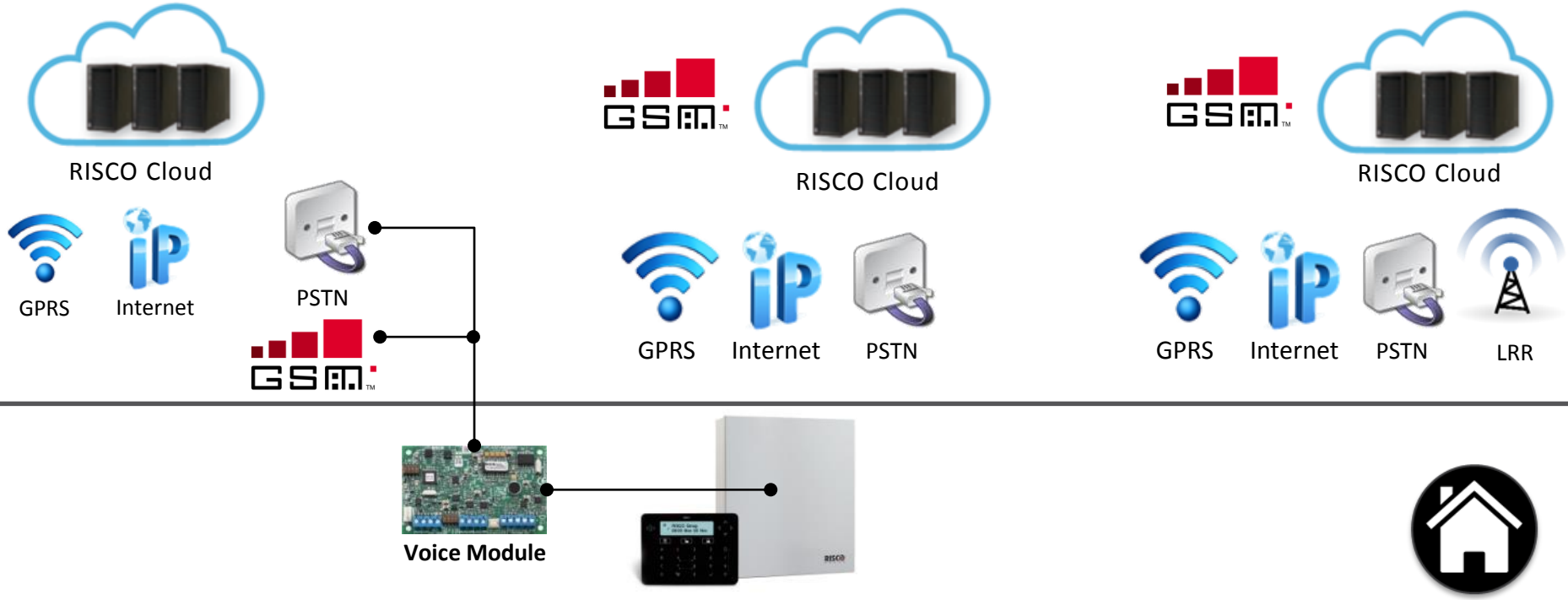
Remote Connectivity

End User



Installer

Monitoring Station



SynopSYS™

Integrated Security & Building Management

CCTV

Access

Fire

Intruder

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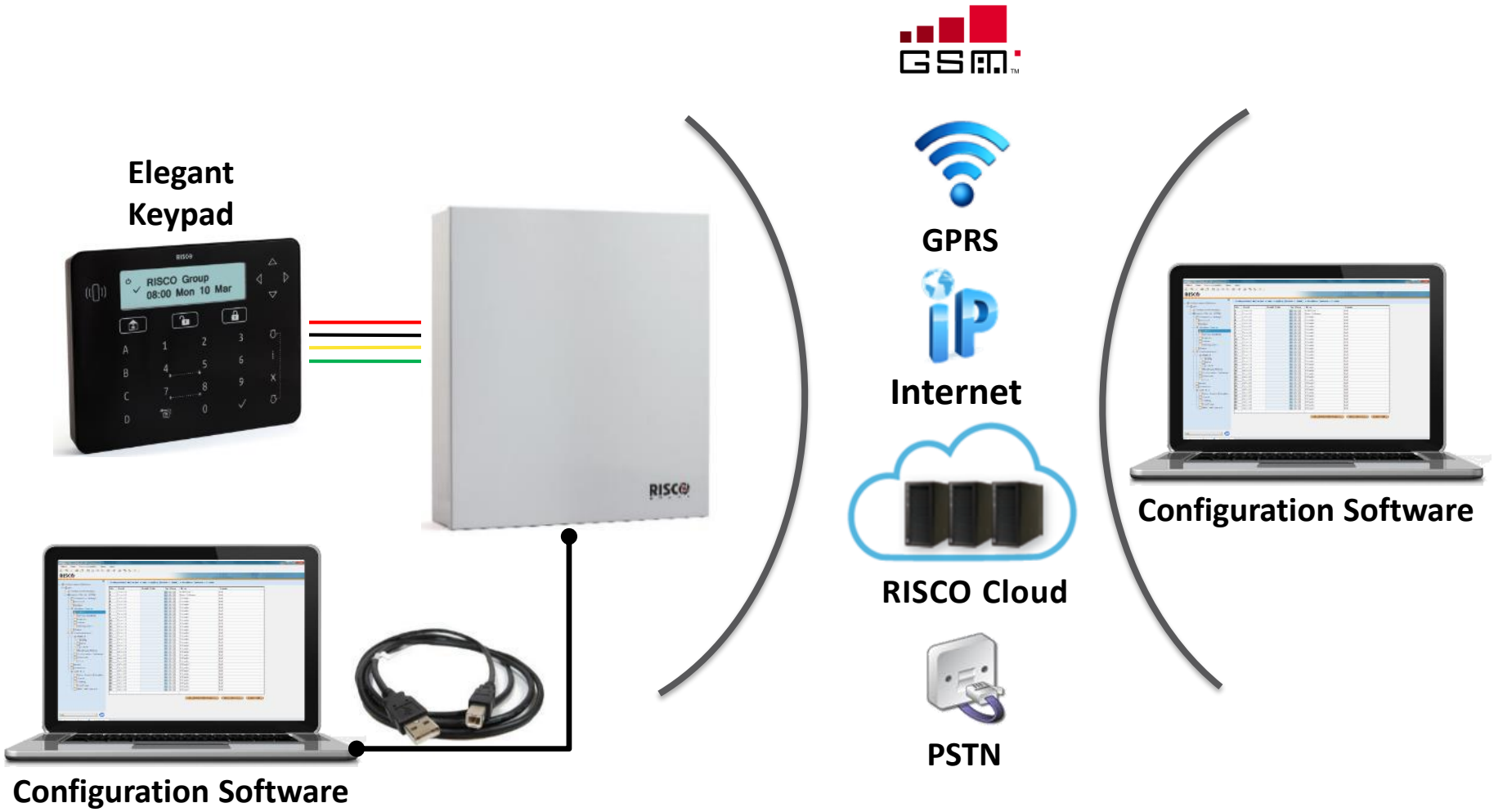
ProSYS Plus Programming Tools



Summary

Intrusion Detection System

Risco Cloud Server

Licensing Model

Super Hybrid

Advanced Communications

Choice & Variety

SynopSYS™
Integrated Security & Building Management

Low Maintenance Cost

Any Questions?

Thank You

RISCO GROUP

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