ZeroWire & UltraConnect

MEETING NEW EMERGING NEEDS

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- User friendly
- Convenient
- Flexible, customizable
- Wireless
- Data privacy
- Secure gateway

WHY ZEROWIRE?

- Security & Safety
- Remote User Access
- Temperature and Light control
- Video

ZEROWIRE SOLUTION

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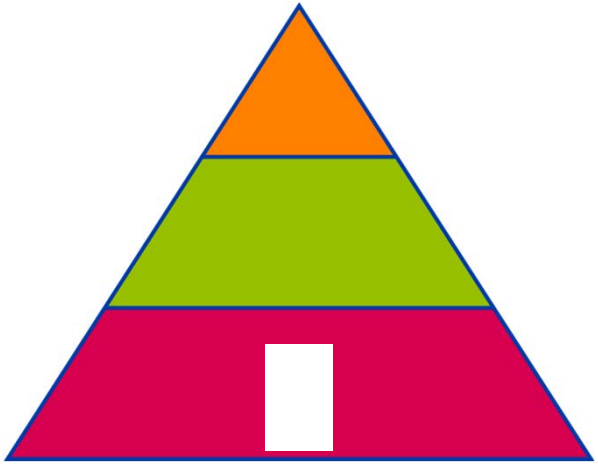
Training

Cloud

Security sensors

- Residential/Low SME segment
- Home automation
- Voice user interface
- Native IP/Wi-Fi and Z-Wave



Residential/Low SME

ZEROWIRE MAIN CHARACTERISTICS

- 64 zones
- 25 keyfobs
- 4 partitions (Areas)
- 16 scenes
- 255 users
- 16 Reporting channels with free programmable primary & Backup configuration

ZEROWIRE CONCEPT (1/3)

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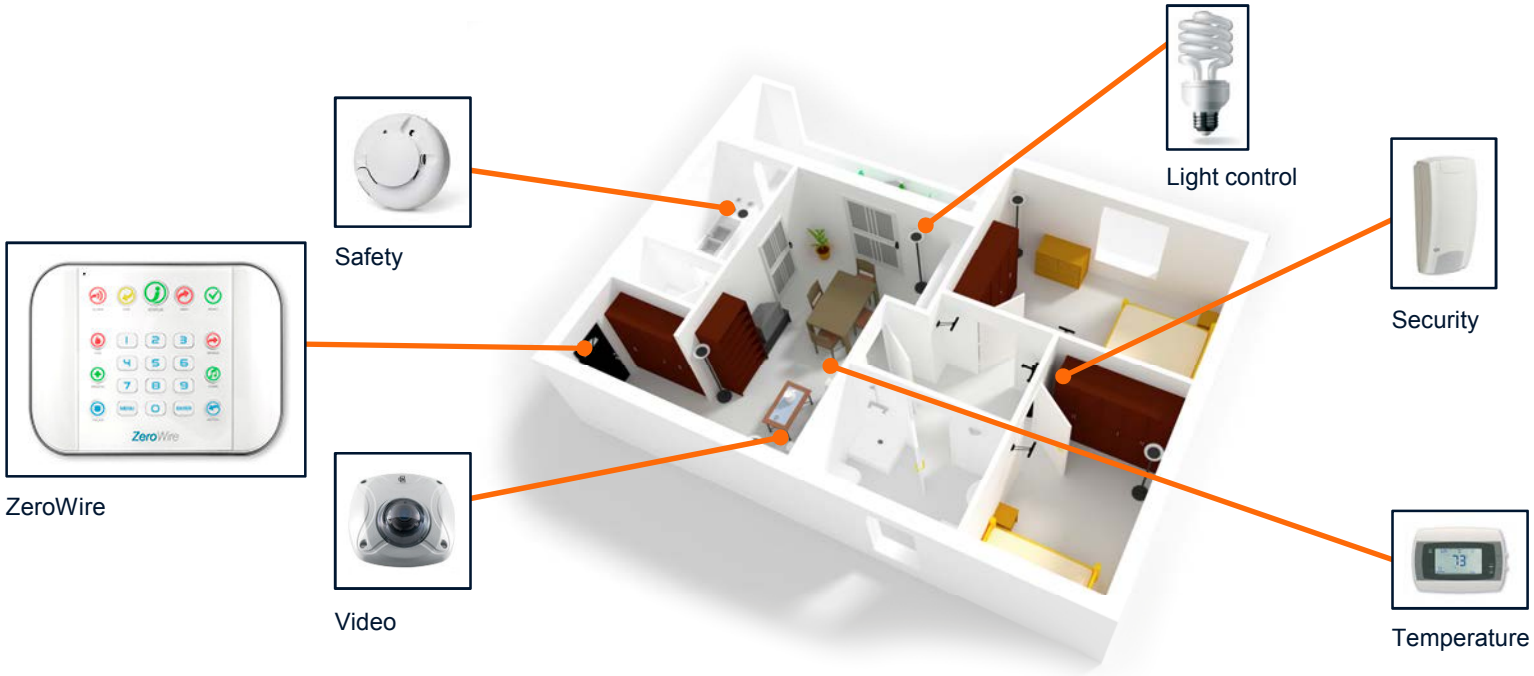
Self-contained, wireless security and interactive automation system



- Supports large number of devices (up to 64)
- Native IP/Wi-Fi and Z-Wave communication
- Simple installation, programming and control
- Advanced cloud features

ZEROWIRE CONCEPT (2/3)

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Intruder Alarms & CCTV

Control your home alarm system via your smartphone & see exactly what is taking place with «real time» remote camera

Energy Management

Switch on lighting & other electronic devices from wherever the end user is

Locks

Unlock your front door with your smartphone

Climate

Adjust the temperature inside your home by controlling heaters & air conditioning remotely

Fire

Smoke detector

S.O.S.

In case of emergency

Available sensors

ZEROWIRE CONCEPT (3/3)

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- WiFi for :

Local Programming
Home Router Link

- Z-Wave for:

Home Automation

- Ethernet Port

- Sensors, Sirens :
- 64 wireless zones
- 25 Keyfobs
- 4 Partitions

- UTC Radio compatible

433MHz 63-bit
& Janus 433MHz

- 2G/3G Connectivity through UTC Modem

ZEROWIRE CONCEPT - AUTOMATION

Remotely switch on lights and control the temperature in your home.

- Run automatic “Scenes” like, you leave the house and put your system into “AWAY” mode, the system automatically lowers the temperature via the thermostat
- You know you’ll be coming home in 2 hours, and you would like to increase the temperature at home already, remotely via Smartphone
- Switch on the entrance light, when you want to find the keyhole

Use your fingertips to control your home

The personal Intrusion Alarm System

- Switch system on when you are at home (“STAY” mode) to protect only certain parts, but you can freely move about inside the home
- Switch system on when you leave (“AWAY” mode) to protect the full house
- All Sensors are connected wirelessly, no wiring required, easy to add and learn-in sensors
- Get notified on your smart phone, and have a monitoring station receiving your signals

Peace of Mind – know when anything happens at home, the monitoring station is there to take action

VIDEO

Be there even when you are not…

- Let the camera record when somebody rings at your door
- No video recording are stored outside of your house, they stay on your cameras
- Remotely check the video recordings to see who rang your door bell, while you were not there

See that everything is ok, even if you are not at home

ZEROWIRE SCENES

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Create “Scenes” for combined actions :

Door/Window sensor reports that the window was opened

Motion sensor sends alarm, as it detected Motion

Camera starts to record a clip

ZeroWire tells the Thermostat to lower the Temperature set Point

Turn all lights on

ZEROWIRE - EASE OF OPERATION

System Keyboard

- Intuitive Keypad Interface
- Indication through easy to read icons and color coding
- Dynamic key lighting
- Key size for easy touch
- Larger centered status button
- One-press operation
- Speech support
- User operation and programming support

ZEROWIRE - PRODUCT BENEFITS

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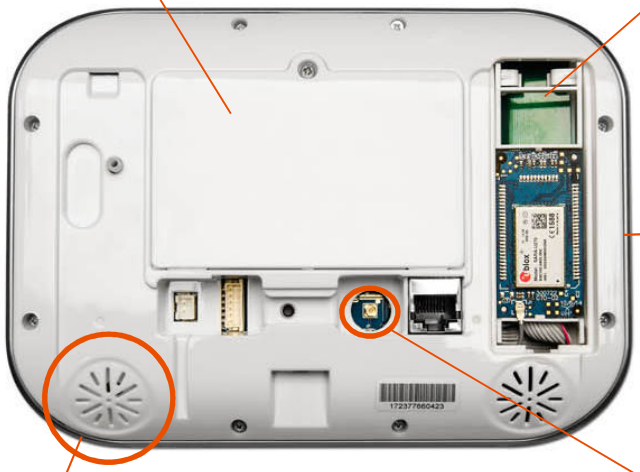
Rechargeable Battery backup – 24h

USB Upgrade – local updates easy and fast if needed



External Modem – ZeroWire modem for maximum flexibility available

Piezo Siren onboard
- No additional internal Siren needed

External 2G/3G Antenna if needed – if coverage is not good enough

ZEROWIRE - KEY BENEFITS

Full wireless operation – easy for retrofit, no cabling needed

Battery backup – System available 24/7

Command and control local & remote – Interact from anywhere through your smartphone

Easy to use panel keypad – provides backup operation if no smartphone or smartphone fails due to discharged battery

Keyfob operation – ease of operation

Home automation capability integrated – intelligent combination of actions

ZEROWIRE – INSTALLER & CMS BENEFITS

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Scalable system – 64 zones and 4 Partitions

Flexible and customizable – easy setup with option for detailed adaptation

Remote Firmware upgrades for introduction of new features

Wireless installation – easy to install, easy to maintain

Wireless Sensors 3 years minimum battery life

Easy programming – Local through keypad, local through webserver, local through downloader, remote through app or remote through downloader

Quick connection setup to monitoring station

Remote diagnostics and support without driving out to the customer

ZEROWIRE – INSTALLER & CMS BENEFITS

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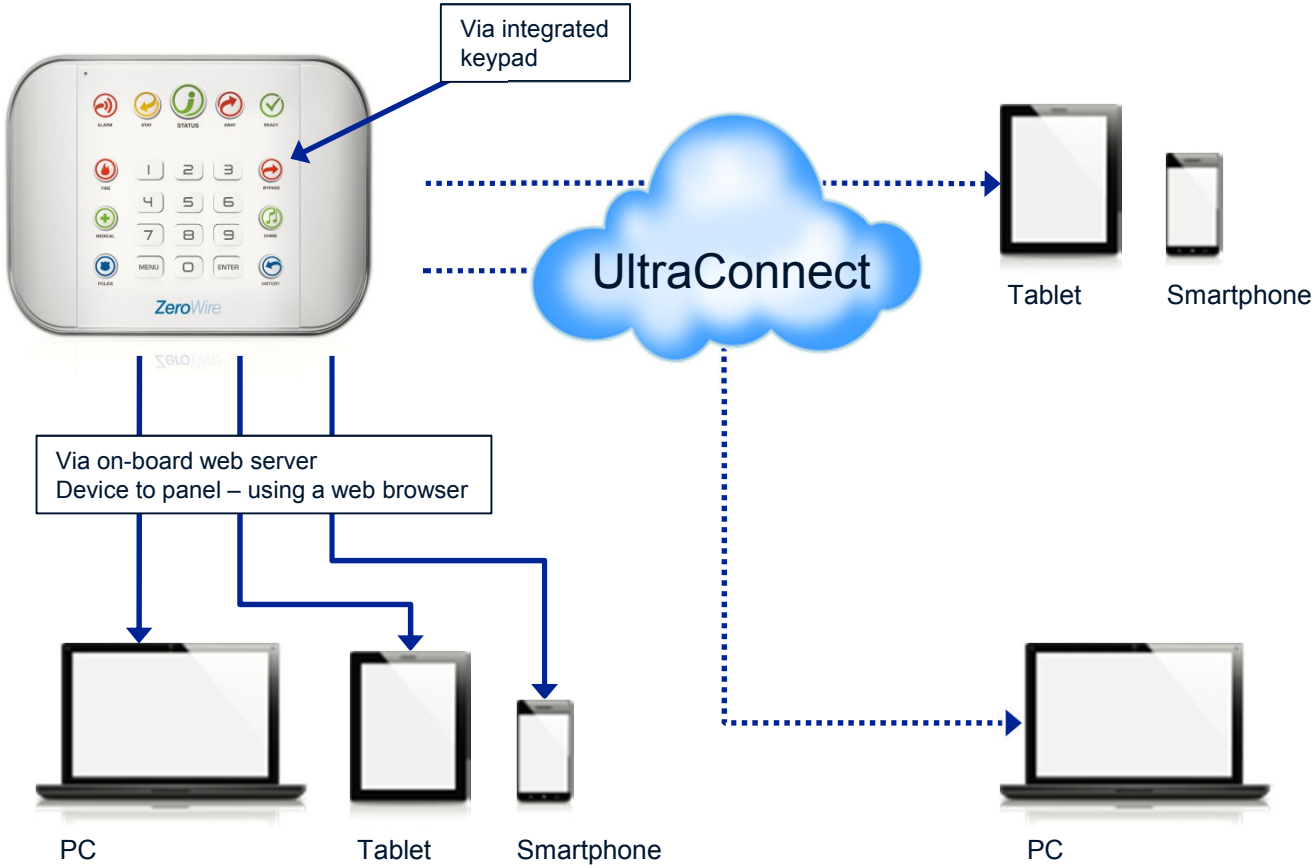
Local programming

Remote programming



ULTRACONNECT - OVERVIEW

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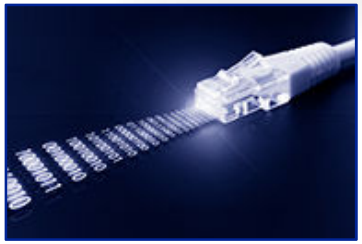
2G/3G Mobile

Secure connection

Alarm reporting & communication

Remote maintenance



Broadband Internet

Remote command and control
as well as programming

UTC BACK END

- Secure communication at all links
- Connection from the panel through IP Broadband or 2G/3G mobile – ZeroWire can connect via wired Broadband and WiFi to home router. 2G/3G supported via internal modem.
- Connection can be single path or dual path – 2G/3G supports smart roaming
- Remote firmware upgrades – keep the system up-to-date or provide new features to the customer
- Remote programming through downloader or portal
- Diagnostic of the link and management of the connectivity through portal
- UTC 24/7 Network Support

ULTRACONNECT – REPORTING SERVICE

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ZeroWire system

Secure tunnel

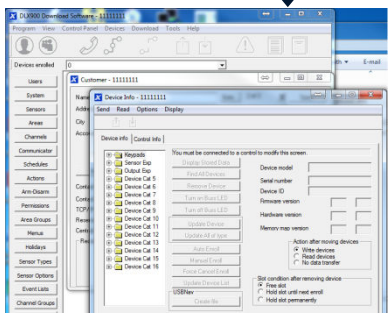
Server environment

Secure tunnel

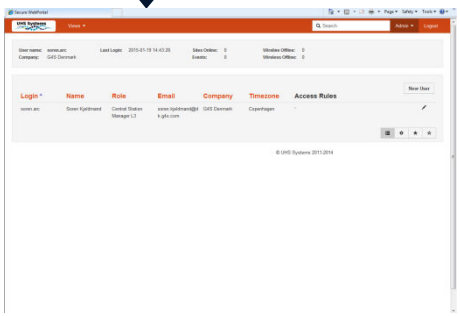
Monitoring station

Secure connection

Downloader



UltraConnect web portal



ULTRACONNECT - SUMMARY

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- ZeroWire connects via Broadband IP or Cellular to the UltraConnect Server environment
- UltraConnect provides secure connectivity for the panel, and for the mobile devices
- UltraConnect allows connection management
- UltraConnect enables downloader connections through the secured link
- UltraConnect takes away any hassle with setting up DynDns or similar solutions
- UltraConnect secures all functions supported by the panel, including video streams via IP Camera's

ULTRACONNECT – SUPPORT FOR APPS

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ZeroWire system

Panel connects to the cloud – no NAT needed

Secure tunnel

Secure tunnel

Server environment

Secure connection

Remote command and control as well as programming

Phone connects to the cloud – no DDNS needed

Programming & Control via Smartphone or Tablet

ULTRACONNECT – BENEFITS SUMMARY

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Advantages

- No Dynamic DNS Service needed
- No NAT needed
- End-2-End data security
- No configuration change of end-user router required
- Easy to install and setup
- Mobile App enabled - customizable
- No IP expertise required
- No centralized customer database

ULTRACONNECT – BENEFITS SUMMARY (CONT'D)

Advantages

- Remote customer support
- Protected Connection for communication path
- Remote Firmware Upgrades supported
- Remote Programming enabled
- Remote diagnostic & forensics
- Connection monitoring and diagnostics
- Easy dispatch
- Data security

ZEROWIRE PRODUCT ROADMAP

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Current 433MHz wireless

Janus wireless range
Priority 1 group

Zero Wire system Release 1

Zero Wire system Release 2
EN grade 2

Janus wireless
Keyfob

Janus wireless
Door window sensor

Zero Wire GSM module

Ultraconnect Services
Mobile app
Monitoring con.
Diagnostic
Global roaming sim

Zero Wire CE release

Janus wireless
PIR & DUAL

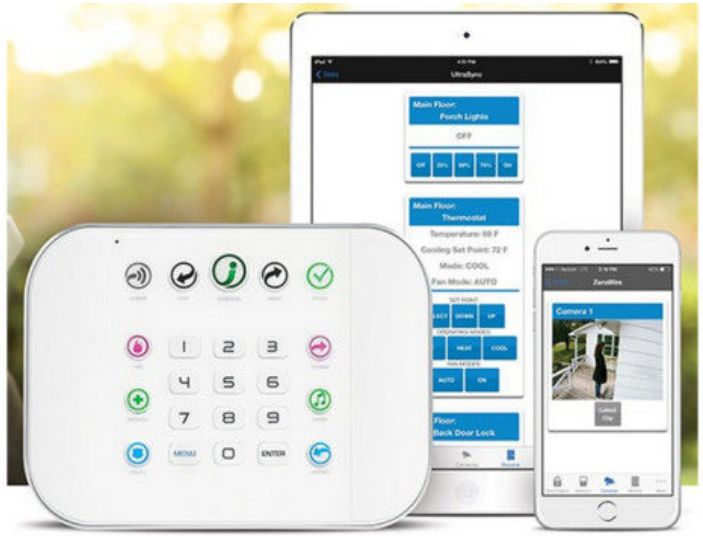
Zero Wire EN release
EN grade 2

2015

Q1			Q2			Q3			Q4		
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

ZEROWIRE – ONE MORE THING...

ZeroWire system wins in SIA's New Product Showcase



ZeroWire self-contained, wireless security and connected home hub was named **"Best in Intrusion Detection and Prevention Solutions Wireless"** in SIA's New Product Showcase at ISC West 2015.