



C24 Interactive

Simply Connected. Simply Secure.

March 5, 2012

Connect 24 Interactive

iControl Partnership

- Partnership announced at ISC-West (April 6, 2011)
- iControl founded in 2003
- Created award-winning, mass-market platform
- Patent portfolio – approx. 25 approved/pending
- World Class
- Partner (resources, expertise, responsive)
- Solutions (reliable, innovative, aesthetics)
- Differentiation from all other iControl partners
- Exclusivity on specific features and functions
- C24 will be the first hosted deployment



Traditional vs. Interactive

	<u>Traditional</u>	<u>C24 Interactive</u>
• Interactive touch screen	✗	✓
• Web, mobile and iPhone access	✗	✓
• Live video, event-triggered video clips and pictures	✗	✓
• Email and text message alerts	✗	✓
• Lighting and thermostat control	✗	✓
• Security system, lighting and thermostat scheduling	✗	✓
• Real-time home and system status reporting	✗	✓
• Easy and intuitive to use	✗	✓



Security Components

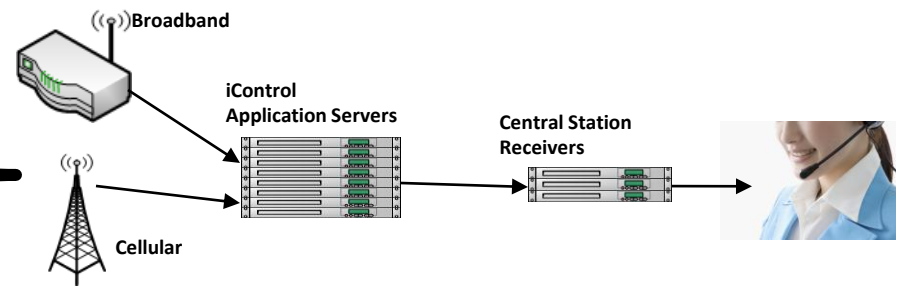
Touch Screen Display

Control Panel + Ancillary Keypad

Zones

Sensors and Peripherals

System Communications and Central Monitoring Station



Interactive Devices

Camera



Lighting/Appliance Module



Wireless Thermostat



Remote Access and Control

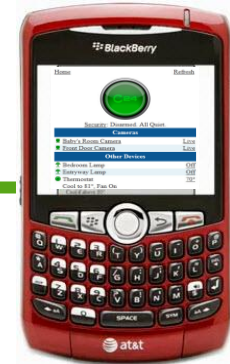
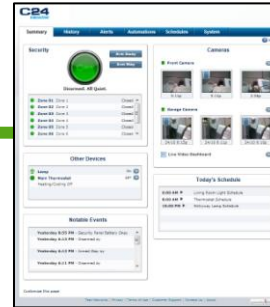
Real-time status

Remote arm/disarm

Live video monitoring

Real-time alerts - email/SMS

History of all events



Architecture and Network Diagram



Home Management

Home Security

Internet Connectivity

..... Wireless security connection
 Z-Wave Wireless connection

_____ Wired security connection
 _____ Wired Internet connection
 Wireless Internet connection



C24 Manager Client Types



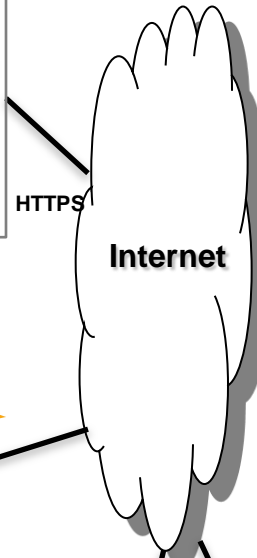
Browser



Smart Phone

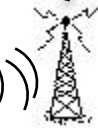
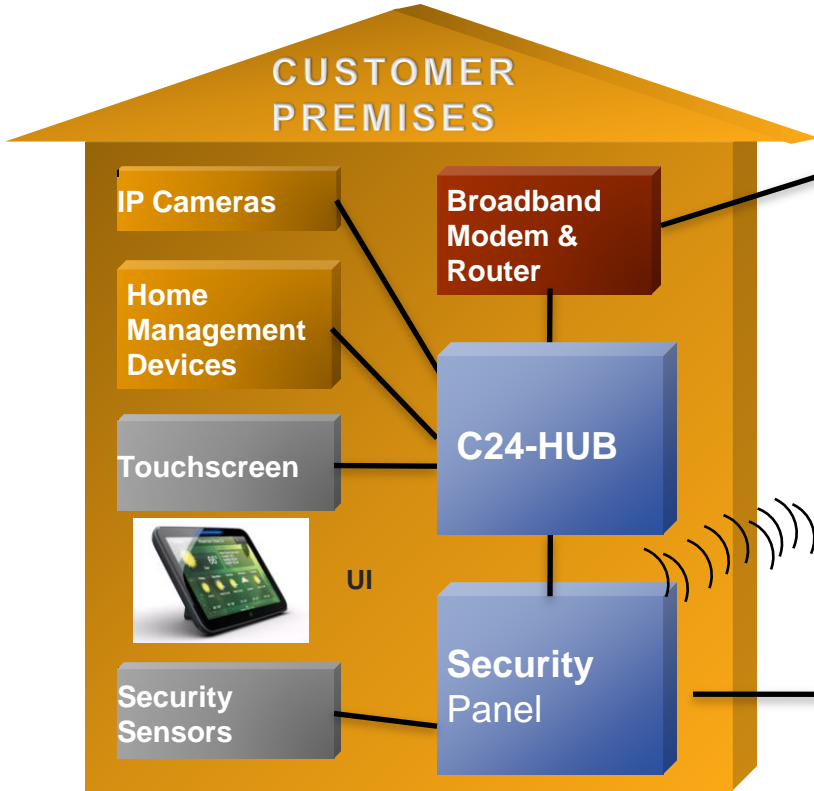


Mobile Devices



HTTPS

**C24 Manager
iConnect Servers**



Cellular Network

Contact ID or SIA

**HOME SECURITY
CENTRAL MONITORING
STATION (CMS)**

POTS/ TCP/IP



Service Plans

Feature	Notification Package	Touch Package	Automation Package
Email Notification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SMS Notification	<input checked="" type="checkbox"/> Opn	<input checked="" type="checkbox"/> Opn	<input checked="" type="checkbox"/> Opn
Mobile Apps	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Security Connect and Control		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Legacy Panel Notification (SIA and CID)	<input checked="" type="checkbox"/>		
C24-CAM54IRT (6 max)	<input checked="" type="checkbox"/> Opn		
C24-HUB		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C24-CAM54IR (10 max)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C24-TOUCH (4 max)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C24-CAMANL (10 max)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Z-wave Automation (32 max)			<input checked="" type="checkbox"/>



PowerSeries Support

Hybrid control panel supporting one-way wireless sensors and hardwired modules

Panel Variants (Note: v4.50+ required)

- PC1616 (6-16 zone)
- PC1832 (8-32 zone)
- PC1864 (8-64 zone)

C24-HUB Compatible Modules (Note: v2.5 required)

- GS2060-SM (GSM communicator)
- TL260-SM (IP Broadband communicator)
- TL260GS-SM (GSM and IP dual communicator)
- IT-230 (RS-422 only to Hub)



C24-HUB

Hub

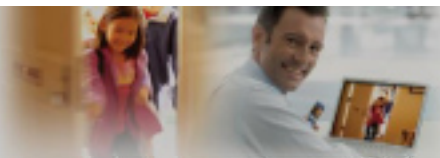
- ✓ Broadband connection
- ✓ DSC Control Panel link
- ✓ Private Wi-Fi network
 - ✓ Camera link
 - ✓ Touchscreen link
- ✓ Z-Wave
- ✓ Support of analog cameras (with adapter)



C24-TOUCH

Touchscreen

- ✓ Wi-Fi Integration with Hub
- ✓ 7" color screen
- ✓ Capacitive touch
- ✓ Desk stand
- ✓ Wall bracket
- ✓ Speaker & Microphone
- ✓ Rechargeable battery
- ✓ SD card reader
- ✓ Mini-USB
- ✓ Picture Frame
- ✓ Web content



C24-CAM54IR

Camera

- ✓ Integration with Hub
- ✓ IP54 rated (weather resistant)
- ✓ Day and Night Vision
- ✓ Wi-Fi 802.11 b/g/n
- ✓ ~ 30 feet IR night range
- ✓ ~ 30 feet PIR range
- ✓ Local video recording with 10 second rolling buffer
- ✓ Video h.264 MPEG
- ✓ HomePlug compatible



C24-CAMANL

Analog Converter

- ✓ Integration with Hub
- ✓ In/Out video connections for integration with existing video hardware
- ✓ NTSC signal compatibility
- ✓ Hardwired Ethernet connection to Hub
- ✓ Local video recording with 10 second rolling buffer
- ✓ Video h.264 MPEG



Notification Package

- Supports any security alarm panel that can communicate to a Sur-Gard receiver (SIA and CID formats)
- Web Portal and Mobile App access
- Direct tunnelling camera can be added (no Hub required)
 - Real time video look-in
 - Event based video capture (10s pre, 20s post) or snapshot with notification
- Customer can configure their own Email and/or Text Notification
 - Based on communicated panel events (i.e. alarm, arm/disarm)
 - Can create schedules

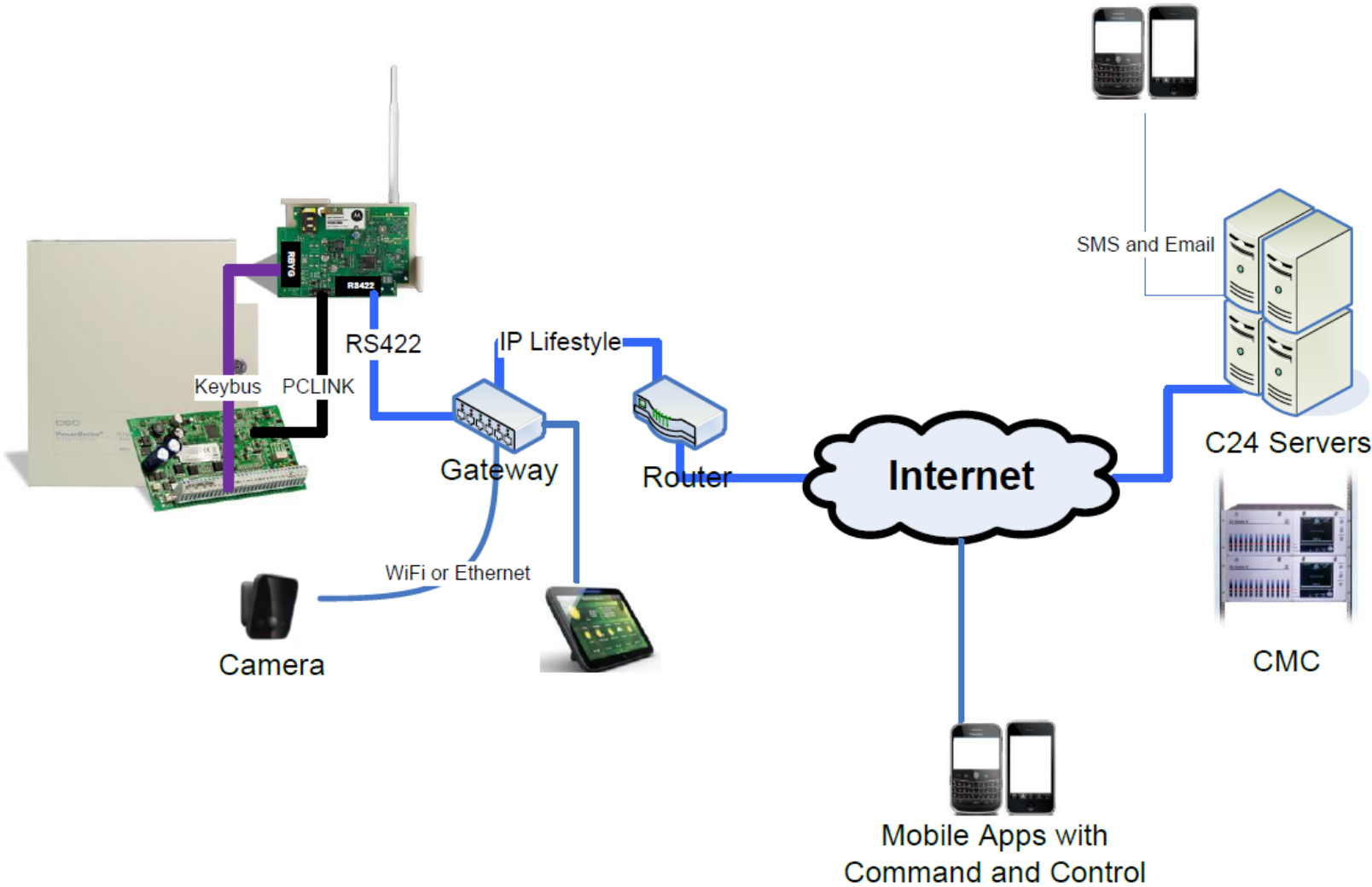


Touch Package

- Package requires the addition of C24-HUB
 - Allows for C24-TOUCH, C24-CAM54IR, and C24-CAMANL module support
- Compatible with PowerSeries
 - Command & Control support (arm/disarm, real time zone status)
- Real time video look-in
- Event based video capture (10s pre, 20s post) or snapshot with notification



Touch Package

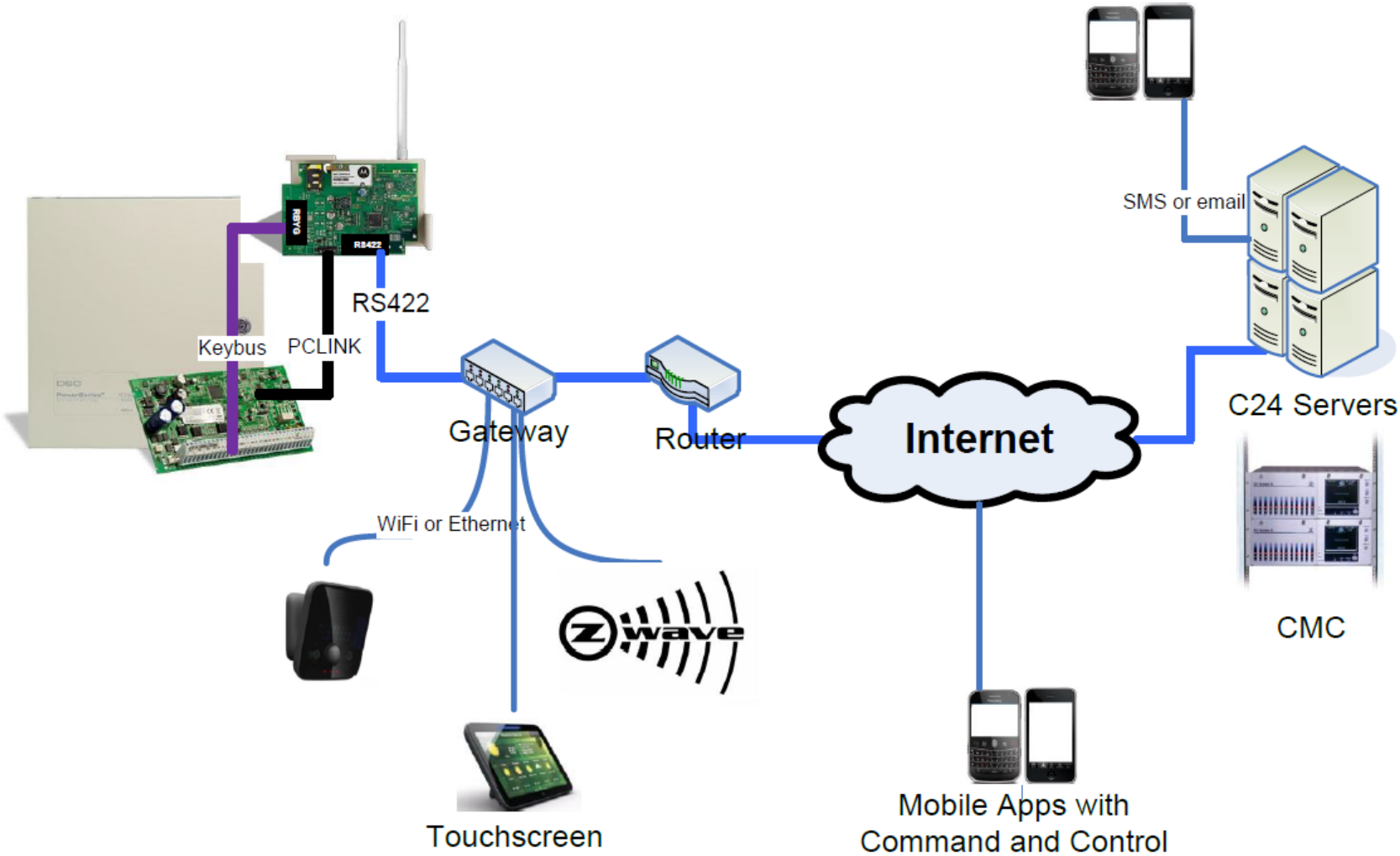


Automation Package

- Includes everything from Touch package
- Adds Integration of Z-wave through C24-HUB
- Control and monitor of compatible Z-wave devices
 - Thermostats
 - Lighting
 - Door Locks
- Up to 32 devices (any combination, no limit)
- Automation and schedule synchronization



Automation Package



C24 Interactive Home Security Demo



Questions?

