New Health Care Vertical Application
from Cornell Communications

Toshiba is pleased to announce the new health care product family from Cornell Communications. The 4000 series Visual Nurse Call system and AURA™ 2.0 Emergency Response Systems are suitable for senior living homes, assisted living homes, and nursing homes by providing the reliable and easy to use nurse call system. Cornell also offers a wireless based solution that includes pull cords, mobile pendant and bed side station. Wireless installations can reduce the cost of wiring and provide those facilities with more flexible ways to implement a complete nurse call system. For more advanced solutions, Cornell's Aura system can provide alarm display, notification, and reporting functions. Cornell Health Care solutions provide those facilities with a better Return On Investment (ROI) by lowered costs through more effective staff management and revenue increase through the better patient/resident care.
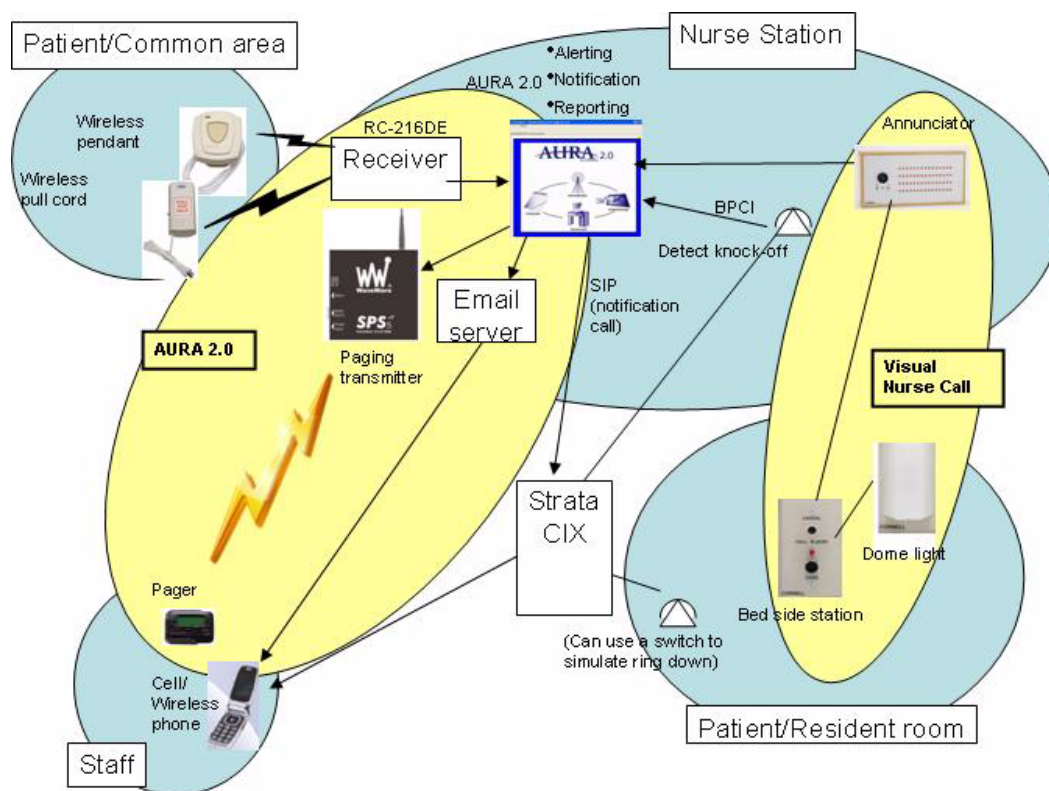
Cornell's product can be integrated with Strata CIX to provide the telephone knock off alarm and audio notification feature.

Overview

The health care market is growing rapidly as the population of the older people is growing due to the advancement of the medical treatment and the increased awareness of the healthy life.

Cornell's Nurse Call Systems products can address the needs of various facilities through its wide range of products. The basic traditional nurse call system can offer the simple and reliable nurse alert system, and in many cases, the existing cabling may be used when upgrading the existing system.
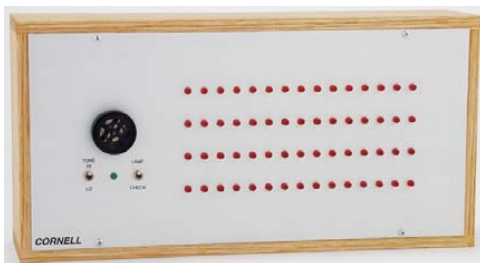
For facilities which require a wireless based solution, the AURA 2.0 Emergency Response System can support many wireless based devices including a mobile pendant that can address the emergency situation when the patient is not in the room. The AURA 2.0 Emergency Response System also provides multiple ways of notification when an alarm is triggered. It also provides useful and important reports such as response time which can be used for the facility as a marketing tool to show their better management capability, and it may also be used for dispute resolution.

Toshiba America Information Systems, Inc.

Cornell products

Visual Nurse Call System

Cornell provides the basic nurse call system through its Visual Nurse Call system. It includes a pull cord and a bed side station at the patient's bed and the annunciator at the nurse station. When a patient/resident presses the button or pull the cord, notification is sent to the annunciator. These devices are all UL1069 listed.

Annunciator	Bed Side Station	Call Cord	Corridor Light

AURA 2.0 Emergency Response System

The AURA 2.0 Emergency Response System mainly adds four advanced features to traditional nurse call systems as follows.

- Wireless support
- Alert display
- Notifications
- Reporting

An AURA 2.0 Emergency Response System may be integrated with an existing nurse call system to add these features.

Wireless devices

The AURA 2.0 Emergency Response System adds wireless device support to the traditional wired nurse call system. The wireless solution gives more flexible coverage for emergencies and eliminates the cabling requirement. Wireless devices include wireless pull cords, mobile pendants, and bedside stations. These devices will notify the AURA 2.0 Emergency Response System of an emergency situation.

Wireless Pull Cord   Wireless Pendant   Wireless Bedside Station

Alert Display

The AURA 2.0 Emergency Response System provides the alert notification display. In addition to wireless devices, a traditional nurse call system can be also integrated with the AURA 2.0 Emergency Response System to display the alert information. Alerts can be color coded and can be customized to suit to the needs of the customer.

Alert Notification Window

Notifications

Once the AURA 2.0 Emergency Response System detects an emergency situation, it can notify a care giver through various ways of notifications that include pagers, Email and SMS as well as audio

notification to any phone device such as cell phone and/or wireless phone. Notifications can be customized to meet the specific customer needs.

Paging Transmitter   Pager

Reporting

The AURA 2.0 Emergency Response System provides the various reports that help to manage the staff and patient/resident more effectively. The response time report, for example, shows the lowest, highest, and average response time for each device. This report can be used to measure the performance of the operations and can be used to manage the staff more efficiently. It may be also used to market the facility's services to prospects.

Room#	Acct#	Type	Name	Count	Low Time	High Time	Avg Time
0322	9021	300 Wing	Room 322	0200	006<sec>	1134<sec>	0194<sec>
0322	9179	Cord 300	Room 322	0021	007<sec>	0349<sec>	0090<sec>
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0325	9024	300 Wing	Room 325	0200	005<sec>	1798<sec>	0248<sec>
0325	9182	Cord 300	Room 325	0089	004<sec>	9999<sec>	0252<sec>
0326	9025	300 Wing	Room 326	0200	000<sec>	2786<sec>	0282<sec>
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0331	9030	300 Wing	Room 331	0200	010<sec>	2836<sec>	0265<sec>
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0332	9031	300 Wing	Room 332	0200	003<sec>	1340<sec>	0242<sec>
0333	9032	300 Wing	Room 333	0200	006<sec>	4682<sec>	0374<sec>
0333	9190	Cord 300	Room 333	0027	001<sec>	0447<sec>	0079<sec>
0334	9033	300 Wing	Room 334	0181	003<sec>	1387<sec>	0243<sec>
0334	9191	Cord 300	Room 334	0001	031<sec>	0031<sec>	0031<sec>

BACK   PRINT   HOME

Response Time Report

Strata CIX integration

Cornell's AURA 2.0 Emergency Response System can be integrated with Strata CIX in several ways.

- Audio Device

    The patient/resident may bring their own phone, it can be used in the room if the facility allows. Those phones are connected to Strata CIX for voice communications. The Strata CIX system can offer a digital or IP telephone set which provides more advanced features such as one touch buttons, display, speaker phones and so on.

- Knock Off alarm

    A patient/resident may pick up the phone but cannot dial due to an emergency issue. Strata CIX can route those calls to the nurse station phone. When the optional BPCI is used, it is integrated with the AURA 2.0 Emergency Response System to notify the care giver of the knock off alarm.

- Audio Notification

    The AURA 2.0 Emergency Response System can dial up the phone through its built-in SIP phone feature which is compatible with Strata CIX system. It can be a wireless or cordless phone that Toshiba provides or any other cell phone the facility may use. The destination number can be configured through an AURA 2.0 Emergency Response System.

System Compatibility

Cornell products are compatible with all current Strata CIX models (Strata CIX 40/100/200/670/1200).

Ordering Information

The Toshiba Part Number table, at the end of this document, shows all the part numbers available for Cornell's Series 4000 & AURA 2.0 systems. For detail descriptions of items, please check www.cornell.com or Cornell Sales Support at 800-558-8957. Pricing information is available in the Price book on the FYI web site. Please note that freight charge will be added separately.

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Maintenance and Warranty

Cornell provides 90 days to three year warranty depending on the items as shown below. If an item is found to be defective, it will be replaced by Cornell. Please contact Cornell technical support at 800-558-8957 to obtain the RMA number. The defective unit must be sent back to Cornell directly.

Items	Warranty Period
PC server for AURA 2.0 Emergency Response System	One Year
Pager	90 Days
Wired peripheral devices	Three Years
Wireless peripheral devices	Three Years

Return

An unopened item may be returned subject to a 25% restocking fee within 90 days of shipment. Please consult Toshiba Customer Service.

Sales support

Toshiba Application Desk at 949-583-3354 and Cornell Sales Support at 800-558-8957 provide dealers with the sales support including the configuration of the system. A Cornell regional sales map is available in the 3rd Party > Cornell section of FYI. Please be sure to work with Cornell sales support before placing the order to choose the correct devices and peripherals for the customer.

Technical Support

Cornell provides dealers with the technical support on their products. Please contact Cornell Technical Support at 800-558-8957. The normal business hour is 8:00 am through 5:00 p.m. Central Time Monday through Friday. Emergency calls outside of the normal business hour is handled by the voice mail system, and the tech support will contact the dealer.

Please refer to Application Guide document on FYI > 3rd Party > Cornell for Strata CIX setup information.

Training

A Toshiba Sales webinar is planned on December 4, as a part of the TGIF seminar. Additional sales training webinars will be scheduled by Cornell. Please contact Cornell for the next available webinar schedule.

Toshiba and Cornell will offer two technical webinars at no charge to Toshiba authorized dealers. The schedule will be announced later. The recorded training will be posted on Toshiba Training site after the first webinar is completed. The technical training either through the live webinar or the recorded session is mandatory to sell and install Cornell heal the care system.

Cornell will also offer the fee-based webinar training on demand. Please contact Cornell Tech support at 800-558-8957 for details.

Toshiba Part Numbers

Cornell AURA 2.0 Emergency Response System/Visual Nurse Call System	
TAIS Part Number	**Product Description**
AURA 2.0 Emergency Response System	
CO-TR-S100E	Smoke Detector/Transmitter
CO-TR-U100IVE	Reduced Size Universal Transmitter
CO-TR-P100E	Water Resistant Pendant-Single Button
CO-TR-P200SE	Fixed Push Button Transmitter, single
CO-RP-102E	High Power Repeater with battery back-up
CO-RE-100E	Range Extender (Repeater)
CO-SRV-100E	Aerocomm Server Transceiver
CO-TR-ST100BE	Aura Wireless Bed Station, Single
CO-TR-ST100E	Aura Wireless Pull Cord (Surface Mount)
CO-TR-9010-W5	Transmitter, paging system, 5 watt with FCC
CO-PP-9000-AW	Pocket Pager
CO-DC-064E	AURA 2.0 64 Port Data Collector
CO-DC-128E	AURA 2.0 128 Port Data Collector
CO-TU-100-E	AURA 2.0 Wired System Test Unit
CO-LC-064-E	AURA 2.0 Light Control Unit
CO-AUR-2000	**AURA System for Wireless Applications** - Aura 2.0 Software - Computer with LCD Monitor - Serial Receiver and Cable
CO-AUR-2001	**AURA 2.0 System for Non-Wireless Systems** - Aura 2.0 Software - Computer with LCD Monitor
CO-AUR-2 DEMO	Dealer AURA 2.0 Demo Kit
CO-AUR-CLIENT	**AURA 2.0 Client Server (Maximum of 10)** - Aura 2.0 Client Software - Computer with LCD Monitor
(Sheet 1 of 6)	

New Health Care Vertical Application from Cornell Communications

Cornell AURA 2.0 Emergency Response System/Visual Nurse Call System (continued)	
Series 4000 VISUAL EMERGENCY AND NURSE CALL SYSTEMS ANNUNCIATORS - VISUAL - UL 1069 LISTED	
CO-A-4015-AT	15 LED's In One Row require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Dual Status System
CO-A-4015-TG	15 LED's In One Row require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Single Status System
CO-A-4030-AT	30 LED's In Two Rows require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Dual Status System
CO-A-4030-TG	30 LED's In Two Rows require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Single Status System
CO-A-4045-AT	45 LED's In Three Rows require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Dual Status System
CO-A-4045-TG	45 LED's In Three Rows require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Single Status System
CO-A-4060-AT	60 LED's In Four Rows require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Dual Status System
CO-A-4060-TG	60 LED's In Four Rows require BB-02 Back Box - 6 1/2"H x 13 1/2" W, Single Status System
CO-A-4025-AT	25 LED's In One Row require BB-03 Back Box - 5 1/2"H x 19"W, Dual Status System
CO-A-4025-TG	25 LED's In One Row require BB-03 Back Box - 5 1/2"H x 19"W, Single Status System
CO-A-4050-AT	50 LED's In Two Rows require BB-03 Back Box - 5 1/2"H x 19"W, Dual Status System
CO-A-4050-TG	50 LED's In Two Rows require BB-03 Back Box - 5 1/2"H x 19"W, Single Status System
CO-A-4075-AT	75 LED's In Three Rows require BB-04 Back Box - 7 1/2"H x 19"W, Dual Status System
CO-A-4075-TG	75 LED's In Three Rows require BB-04 Back Box - 7 1/2"H x 19"W, Single Status System
CO-A-4100-AT	100 LED's In Four Rows require BB-04 Back Box - 7 1/2"H x 19"W, Dual Status System
CO-A-4100-TG	100 LED's In Four Rows require BB-04 Back Box - 7 1/2"H x 19"W, Single Status System
CO-A-4125-AT	125 LED's In Five Rows require BB-05 Back Box - 8 1/2"H x 19"W, Dual Status System
(Sheet 2 of 6)	

Cornell AURA 2.0 Emergency Response System/Visual Nurse Call System (continued)	
CO-A-4125-TG	125 LED's In Five Rows require BB-05 Back Box - 8 1/2"H x 19"W, Single Status System
CO-A-4150-AT	150 LED's In Six Rows require BB-06 Back Box - 10 1/2"H x 19"W, Dual Status System
CO-A-4150-TG	150 LED's In Six Rows require BB-06 Back Box - 10 1/2"H x 19"W, Single Status System
CO-A-4175-AT	175 LED's In Seven Rows require BB-06 Back Box - 10 1/2"H x 19"W, Dual Status System
CO-A-4175-TG	175 LED's In Seven Rows require BB-06 Back Box - 10 1/2"H x 19"W, Single Status System
CO-A-4200-AT	200 LED's In Eight Rows require BB-07 Back Box - 12 1/2"H x 19"W, Dual Status System
CO-A-4200-TG	200 LED's In Eight Rows require BB-07 Back Box - 12 1/2"H x 19"W, Single Status System
CO-A-4225-AT	225 LED's In Nine Rows require BB-08 Back Box - 14 1/2"H x 19"W, Dual Status System
CO-A-4225-TG	225 LED's In Nine Rows require BB-08 Back Box - 14 1/2"H x 19"W, Single Status System

CO-A-4010M-AT	10 LED's In One Row - 4 1/2"H x 10"W
CO-A-4010M-TG	10 LED's In One Row - 4 1/2"H x 10"W
CO-A-4020M-AT	20 LED's In Two Rows - 4 1/2"H x 10"W
CO-A-4020M-TG	20 LED's In Two Rows - 4 1/2"H x 10"W
CO-A-4030M-AT	30 LED's In Three Rows - 4 1/2"H x 10"W
CO-A-4030M-TG	30 LED's In Three Rows - 4 1/2"H x 10"W
CO-A-4003	3 LED's on 2 Gang Stainless Steel Plate with Standby/ Resound
CO-A-4006	6 LED's on 3 Gang Stainless Steel Plate with Standby/ Resound
CO-BB-02	Flush Metal Back Box - 5"H x 12 1/2"W x 3 1/2"D
CO-BB-03	Flush Metal Back Box - 4 1/2"H x 17"W x 3 1/2"D
CO-BB-04	Flush Metal Back Box - 6"H x 17"W x 3 1/2"D
CO-BB-05	Flush Metal Back Box - 7 3/4"H x 17"W x 3 1/2"D
CO-BB-06	Flush Metal Back Box - 9 1/2"H x 17"W x 3 1/2"D
CO-BB-07	Flush Metal Back Box - 11 1/4"H x 17"W x 3 1/2"D
(Sheet 3 of 6)	

Cornell AURA 2.0 Emergency Response System/Visual Nurse Call System (continued)	
CO-BB-08	Flush Metal Back Box - 13"H x 17"W x 3 1/2"D
CO-SE 01	Desk Top Sloped Enclosure
CO-SE-02	Desk Top Sloped Enclosure
CO-SE-03	Desk Top Sloped Enclosure
CO-SE-04	Desk Top Sloped Enclosure
CO-SE 05	Desk Top Sloped Enclosure
CO-SE-06	Desk Top Sloped Enclosure
CO-SE-07	Desk Top Sloped Enclosure
CO-SE-08	Desk Top Sloped Enclosure
CO-WE 01	Surface Wall Enclosure
CO-WE-02	Surface Wall Enclosure
CO-WE-03	Surface Wall Enclosure
CO-WE-04	Surface Wall Enclosure
CO-WE 05	Surface Wall Enclosure
CO-WE-06	Surface Wall Enclosure
CO-WE-07	Surface Wall Enclosure
CO-WE-08	Surface Wall Enclosure

EMERGENCY STATIONS - VISUAL	
CO-E-101	Emergency Station With Push-On, Push-Off Switch with Call Placed Light
CO-E-101/CB	Same as E-101 with CODE BLUE silk screen
CO-E-201	Emergency Station With Push-On, Push-Off Switch with Call Placed Light, 2-gang
CO-E-103	Emergency Station With Push-On, Push-Off Switch with Mechanical Drop Flag
CO-E-104-1	Emergency String Station With On-Off Slide Switch, Call Placed Light
CO-E-104-1/WP	E-104-1 With Water-Tight Seal
CO-E-204-1	Emergency String Station With On-Off Slide Switch, Call Placed Light, 2-gang
(Sheet 4 of 6)	

Cornell AURA 2.0 Emergency Response System/Visual Nurse Call System (continued)	
CO-E-108A	Emergency Station With Push-On, Twist-Off Mushroom Head Pushbutton and Call Placed Light
CO-E-113	Emergency Station With Push-On, Push-Off Switch with Mechanical Drop Flag
CO-E-114	Emergency String Station With On/ Off
CO-E-114/WP	Water-Resistant Emergency String Station
CO-E-114-1	Emergency String Station With On/ Off and Secondary Wired Contacts
CO-E-114-3	Emergency String Station With Call Placed Light
CO-E-214-3	Emergency String Station With Call Placed Light, 2-gang

Bed Stations - Visual	
CO-B-111	Single Jack Bedside Station with Call Placed Light and Cancel Button
CO-B-211	Single Jack Bedside Station with Call Placed Light and Cancel Button, 2-gang
CO-B-311	Single Jack Bedside Station with Call Placed Light and Cancel Button, 3-gang
CO-B-122	Same as B-111 with Two Jacks, Two Call Placed Lights and Cancel Button
CO-B-222	Same as B-211 with Two Jacks, Two Call Placed Lights and Cancel Button, 2-gang
CO-B-322	Same as B-211 with Two Jacks, Two Call Placed Lights and Cancel Button, 3-gang
CO-B-113	Bedside Station with Push Button to Place Call, Call Placed Light and Cancel Button
CO-E-107	Check-In Station with Momentary Push Button Holding Circuit and Call Placed Light

CALL CORDS & ACCESSORY PLUGS	
CO-SW-106	6' Call Cord with Bed Clip - UL Listed
CO-SW-110	10' Call Cord with Bed Clip - UL Listed
CO-SW-206	6' Press Cord Geriatric Call Cord with Bed Clip
CO-SW-210	10' Press Cord Geriatric Call Cord with Bed Clip
(Sheet 5 of 6)	

Cornell AURA 2.0 Emergency Response System/Visual Nurse Call System (continued)	
DUTY AND STAFF STATIONS	
CO-DS-110	Duty Station with Pulsating Alarm
CO-D-111	Duty Station With On-Off Tone Switch - UL Listed
CO-D-112	Duty Station With Adjustable Volume Tone - UL Listed
CO-S-111	Staff/Duty Station - E-104 and D-111 on Two Gang Plate - UL List
CO-S-112	Staff/Duty Station - E-104 and D-112 on Two Gang Plate
(Sheet 6 of 6)	

Trademarks

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