

AlphaEntry™ v4 Architectural and Engineering Specifications

Contractor shall furnish and install the AlphaEntry™ v4 service to the building's new or existing entry intercom/call system(s).

Contractor shall furnish, and install all AlphaEntry™ v4 hardware/software as provided by Alpha Communications®, 42 Central Drive, Farmingdale NY 11735-1202, Phone: 1-800-666-4800, www.AlphaCommunications.com, and any other necessary equipment required for complete system operation.

If AlphaEntry™ v4 is to be used with multiple entrance stations, the AlphaEntry™ v4 server PC must have a full time internet connection (cable modem, DSL, T1, etc.) or Local Area Network (LAN). Contractor shall install and/or connect necessary internet/LAN service required for proper operation.

If remote access for editing of resident information or other system settings is required, then the AlphaEntry™ v4 server PC must have a full time internet connection (cable modem, DSL, T1, etc.). Contractor shall install and/or connect necessary internet/LAN service required for proper operation.

Contractor shall be responsible to verify that the AlphaEntry™ v4 service will be compatible with the building's intercom/call system(s).

Contractor shall install in a suitable secure and environmentally suitable area, the AlphaEntry™ v4 server PC and any hardware and cabling required for incorporation into the building communication system.

Contractor shall install a dedicated phone line, if necessary, for telephone entry style or concierge (or other call-down) applications. If system will require a phone line, and QwikID™ functions are required, the PC server must be equipped with a caller ID capable modem, and caller ID phone service.

At each entry location, master location, and/or concierge location, contractor shall supply, furnish, and install necessary AlphaEntry™ v4 software, hardware equipment and cabling.

If required for the facility, contractor shall connect a color camera at each entry to AlphaEntry™ v4, in a location capable of taking a suitable still picture of visitors for the purposes of recording to the AlphaEntry™ Visitor Log. Camera can also be used if the facility chooses to add the optional VisitorVerifier™ live color video feature, available in the Premium Package.

Contractor shall furnish, install and configure the AlphaEntry™ v4 system as directed by architect/engineer/building owner/manager or developer in charge of the project.

Contractor shall provide instructions to necessary building personnel regarding the proper method of operation of the AlphaEntry™ v4 system.

DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

WARRANTY

- A. Warranty Period: Each piece of equipment and/or software supplied by Alpha Communications® and others shall be warranted by the manufacturer to be free of defects in material and workmanship for a period of 12 months from the date of shipment, as covered by the manufacturer's Limited Warranty.

PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
- B. Use factory recommendations regarding wiring type and gauge in order to insure proper system function and dependability. Also follow factory recommendations regarding distance limitations.
- C. When running wiring avoid proximity to AC wiring, fluorescent ballasts, dimmers, motors and compressors to prevent potential EMI issues that will affect proper operation of the system.

Any items not specified herein that is needed for proper operation will be included in this specification.

SYSTEM OPERATION REQUIREMENTS

System shall operate as follows:

SYSTEM INTERFACE CAPABILITIES

The system shall be able to interface to most analog intercom (and videointercom) systems and specifically to the STR™ QwikBUS™ systems. AlphaEntry™ v4 can also be used with most standard telephone and compatible 'no phone bill' equipment that uses DTMF tones for calling residents. Each entry or master shall be configurable independently both in which residents are listed, as well as specific needs of each entrance/master to provide versatility in meeting any facility's needs. AlphaEntry™v4, when equipped with telephone entry capabilities and an internet connection, is capable of contacting a virtually unlimited number of residents in a virtually unlimited number of buildings.

VISITOR LOBBY PANEL OPERATION (IF EQUIPPED)

When a visitor wishes to place a call to a resident/company, he/she shall follow the multi-lingual on-screen directions and/or voice prompts (if enabled) to select the resident/company they wish to speak with from an AlphaEntry™ v4 touchscreen or mouse operated directory/ lobby panel.

The directory shall have an on-screen keyboard to select the beginning letter(s) of the resident or company the visitor wishes to contact and the display shall filter the contact list through this method. The directory shall also use a similar intuitive filtering method to locate resident/company by suite number when the first few alpha-numeric characters of the suite number are entered by the visitor even if the suite numbers are not displayed on the monitor. Systems that do not filter the names and suite numbers, but only use sequential scrolling through all the resident/company names to locate a contact shall not be acceptable. Also, systems that do not simultaneously search by resident/company name and suite number shall not be acceptable.

After selecting a contact, a call box will appear for the selected contact with one to three call buttons indicating methods of contact (i.e.: suite intercom, telephone, cell phone, work number, etc) as well as an optional descriptive line for each button indicating pertinent information. The number of buttons displayed at the panel shall be determined by administrative configuration of the system. Systems that do not display multiple call buttons shall not be acceptable. Systems that do not allow for descriptive text adjacent to each call button shall not be acceptable.

When the call button is pressed, a call alert shall sound at the resident/company intercom station(s), telephone, VoIP device, or wireless communication device depending on method of contact, indicating a call from the entry. At the same time, a visitor record shall be created, logged, and stored in the AlphaEntry™ server database with a still picture of the visitor at the entry panel (if a camera is connected).

The resident/company may, at their option, answer the call on their intercom, telephone, VoIP device, or wireless communication device, dependent on method of contact, to communicate with the visitor and allow entry, if enabled, at the resident/company option.

CONCIERGE OPERATION (IF EQUIPPED)

When a concierge or other “master” wishes to place a call to a resident/company, he/she shall select the resident/company they wish to speak with from their AlphaEntry™ v4 touchscreen or mouse operated PC computer screen. Additional resident call buttons can be made visible to allow the Concierge to contact the resident through an intercom, VoIP device, telephone, cell phone, home number, or work number.

The concierge’s directory shall have an on-screen keyboard to select the beginning letter(s) of the resident or company he/she wishes to contact and the display shall filter the contact list through this method. Concierge may choose

between a standard alphabetical keyboard layout or a QWERTY keyboard layout. Concierge may alternately use a standard PC keyboard, if so equipped at the concierge master station. The directory shall also use a similar intuitive filtering method to locate resident/company by suite number when the first few alphanumeric characters of the suite number are entered by the concierge even if the suite number are not displayed on the monitor. Systems that do not filter the names and suite numbers, but only use sequential scrolling through all the resident/company names to locate a contact shall not be acceptable. Also, systems that do not simultaneously search by resident/company name and suite number shall not be acceptable.

A call alert shall sound at the resident/company intercom station(s), telephone, or wireless communication device, depending on method of contact, indicating a call. At the same time, a record will be created, logged, and stored in the AlphaEntry™v4 server. The resident/company may, at their option, answer the call on their intercom, VoIP device, telephone, or wireless communication device, depending on method of contact, to communicate with the concierge.

Concierge or other “master” screens shall have a drop down switch console (if enabled) to operate other electrical devices, which may or may not be related to the communications system (i.e.: taxi lights, door releases, elevator calls) to assist the concierge in their duties. Each switch shall be configurable to operate a controlling relay as either a latching On/Off switch (Push On, Push Off), or a timed momentary contact switch (Push On, automatic shut off after a specified time from 0.1 seconds to more than 24 hours).

In addition to the regular directory screen, additional tabs can be enabled for Emergency phone contacts and Off Premises listings allowing the concierge to easily place calls through the concierge phone connected to AlphaEntry™ v4. The concierge can also enable an additional tab for easy contacting of Staff and remote building locations. All calls made by the concierge through AlphaEntry™ are logged and resident phone numbers are not displayed on screen, to maintain resident confidentiality. The concierge must be equipped with a telephone and dedicated telephone line for this feature. The telephone can be restricted to only calls that are listed in AlphaEntry™ v4 dependent on system configuration.

If allowed by the Administrator, the concierge will have access to notes and emergency information relating to residents in the event of an emergency as well as pictures of residents for easy recognition (if resident pictures are stored in the system database).

AlphaEntry™ v4 will provide call forwarding/interception features to allow calls from an entry panel to a resident, to be intercepted and answered by a concierge in the event the building wishes to have the concierge handle all visitors at all times or within certain hours. This feature is controlled at the concierge's station.

CONCIERGE CALL DOWN (IF EQUIPPED)

When a concierge station is equipped with a dedicated phone line with Caller ID capability, residents can call down to the concierge by speed dialing or manually

dialing the concierge's phone number. When an incoming call is detected by AlphaEntry™ v4, it will check the incoming phone number against the resident, emergency, off premises and remote locations phone database. If there is a match, AlphaEntry™ v4 will pop up a QwikID™ window on the concierge's monitor displaying the name of the resident and the suite number. It will not display the phone number of the resident for confidentiality reasons. If AlphaEntry™ v4 is used in conjunction with an STR™ QwikBUS™ intercom or videointercom, the concierge will also receive QwikID™ information from the resident's video/intercom station.

If the phone call is from a phone number that is not in the database, the standard Caller ID information will be displayed unless suppressed by the caller. The concierge can answer the call at this time if he/she is available by picking up the phone attached to the AlphaEntry™ v4 PC.

If the concierge is not available to answer the call, the QwikID™ window will stay on the screen to indicate a call was received. The QwikID™ window will stack all received calls in time order, with the oldest call displayed on the top of the stack, and display the time of each call. By clicking on the phone icon on the call line, the concierge can return the call and then remove the call from the display by clicking the corresponding delete icon. AlphaEntry™ v4 will automatically call back to the phone or other device that placed the call to the concierge master station(s).

AlphaEntry™ v4 will retain a log of all received calls so if the program is shutdown for any reason, any incoming calls that were not responded to will display again on AlphaEntry™ v4 restart.

CONCIERGE SWITCH CONSOLE (IF EQUIPPED)

If AlphaEntry™ external relay boards are used, AlphaEntry™ v4 has the ability to control lobby lights, taxi lights, gates, elevator calls, cameras, ADA automatic doors, or any other device that uses a low-voltage momentary or latching dry contact closure to operate. For safety considerations this feature is not recommended for unsupervised garage door opening or closing.

EMERGENCY CALL DEVICES (IF EQUIPPED)

If AlphaEntry™ v4 is combined with the QwikBUS™ digital video/intercom system, remote suite stations shall have the optional capability to connect to emergency contact devices, pull cords, smoke detectors, wireless pendant receivers, or motion sensors, and can accept either a momentary or latching dry contact input. These connections will allow communication and emergency response capabilities through designated AlphaEntry™ v4 entries and masters.

VISITOR LOG and THE ALPHAENTRY™ LOG VIEWER

When a visitor or concierge operates the AlphaEntry™ v4 system, a transaction will be appended to the system log which shall consist of the time, date and

nature of the event. The log shall also store a still image taken during any visitor initiated session or resident entry access attempt providing that a camera is available to the system at that entry. These logs are to be viewed through the AlphaEntry™ v4 Log Viewer application which shall be a stand alone application for use by those authorized by the administrator for security purposes.

PACKAGE TRACKING FEATURES

AlphaEntry™ v4 has the ability to allow the concierge to quickly notify residents when a package is delivered for them, by date, time and carrier/messenger name/type. Residents can be notified by a variety of methods including video display(s) at the lobby or building entrances or other building locations such as a mailroom, etc., and/or by email or text messaging, depending on facility and resident needs and requirements. If email or text messaging is required, the AlphaEntry™ v4 server PC must have a full time internet connection (cable modem, DSL, T1, etc.) or Local Area Network (LAN). Contractor shall install and/or connect necessary internet/LAN service required for proper operation.

MAILROOM ADD-ON

AlphaEntry™ MailRoom™ is an optional add-on that will allow displays in a mailroom or other building locations to notify residents they have received packages as well as view building announcements.