Attention:	**Proposal: KEY-030**
Key Largo Fire Department	**RedNMX Reminder/Paging/Property Preplan**
1 East Drive	
Key Largo, FL 33037	

Date: 03/09/2017   **PO Number:**

A. Modules

Modules Discounted

Quantity	Description	List	Cost
1	Reminder Module	1,295.00	1,295.00
	Paging Reminder for Meetings, Drills, Personnel functions, Scheduled pages, work orders.		
	See spec sheets: MSG-1		
1	Paging System: Non Dispatch System	1,495.00	1,495.00
	-Network Version.		
	-TCP/IP or dialup.		
	See spec sheets: PAGE-1		
1	GEO File, Premise, Property and Pre-Plan	1,195.00	1,195.00
	-Property/Pre-Plan		
	-GEO File with high speed address locator		
	-Static View Screen		
	-Standard Edit Screen		
	-Alarm Table.		
	-Search Functions.		
	See spec sheets: GEO-1		
	Totals:	3,985.00	3,985.00
	Module Total:		**3,985.00**

B3 - Installation and Customization

Length	Description	Cost
3.00	Reminder Module Installation and Setup	$360.00
	Install and setup module	
2.00	Paging Module Installation	$240.00
	Install the Paging System, test it on the network and test against their paging companies. Set up using authenticated paging gateway. Set up paging groups.	
6.00	Property Preplan Installation and Setup	$720.00
	Install and setup module.	
	Installation Totals:	**1,320.00**

C. Training

Training Total: 240.00

2 hours of training and consulting provided remotely via standard support connection.

F. Data Conversion

Data Conversion: 0.00

Conversion of property preplan data will be quoted once data is received/reviewed.

I. Terms and Comments

LogMeIn, Remote Desktop or similar connection software and internet access are required for system installation and support. Remote software and installation are not included with this proposal. Please call Alpine for additional information if necessary.

Additional modules, hardware, software, customization , custom reports, configuration services, training, network licensing, data conversion and other services will be quoted separately upon request by the department.

Department must provide paging and/or text messaging devices and service. A fee for the authenticated paging gateway will be calculated into annual support. The paging module is required for the Notification and Reminder System.

Additional modules wil be calculated into the annual support cost.

Proposal valid for 90 days.

J. Cost Summary

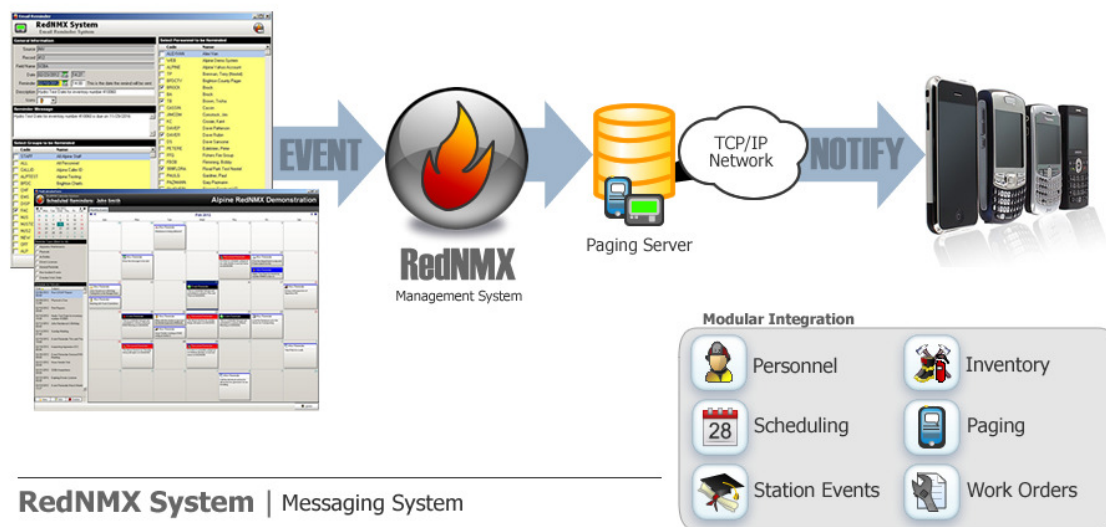|	
A - Modules	**3,985.00**
B3 - Installation and Customization	**1,320.00**
C - System Training	**240.00**
Total:	**5,545.00**

Notification and Reminder System

MSG-1

Overview

The RedNMX Reminder System was designed to send users notifications and reminders about particular events such as meetings, drills, inventory items that require maintenance, expiring driver licenses and more. Users have complete control as to when reminders and notifications are sent and to whom. The Reminder system has been integrated with a number of the RedNMX modules to help ensure that pertinent events are not overlooked. The messaging calendar feature displays all scheduled reminders in a calendar format for easy viewing and management of all reminders and notifications.

System Interaction

RedNMX System | Messaging System

Modular Integration
- Personnel
- Inventory
- Scheduling
- Paging
- Station Events
- Work Orders

Special Features

- Send reminders for maintenance or inspections due for individual items in inventory.
- Set notifications for drivers licenses nearing expiration.
- Configure reminders for birthdays.
- Schedule reminder pages in advance to be sent to anyone at any time.
- Messaging Calendar System: Displays all scheduled reminders in a calendar format for easy viewing and management of all reminders and notifications.
- Real time status of all department apparatus.
- Set reminders for any or all non incidents events.
- Automatically send a page when a critical work order is created. Allows for presetting groups to be notified based on the type of work order.
- Utilizes the RedNMX paging system. This means that any email address, smart phone, or pager can receive the message.

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Alpha Numeric Paging System

Overview

The RedNMX Paging System incorporates Alpha Numeric Paging for automatic notification of emergency personnel. This module utilizes standard TAPI paging protocol for individual and group paging. A page is generated automatically at the time of dispatch alerting the designated personnel.

RedNMX Paging Module includes a sophisticated wireless messaging (paging) application. The heart of the application is a versatile paging engine that has the ability to support multiple dialers (modems), direct cable connections, and internet connections for message delivery. Multiple protocols are supported so messages can be received by nearly every device.

Paging System
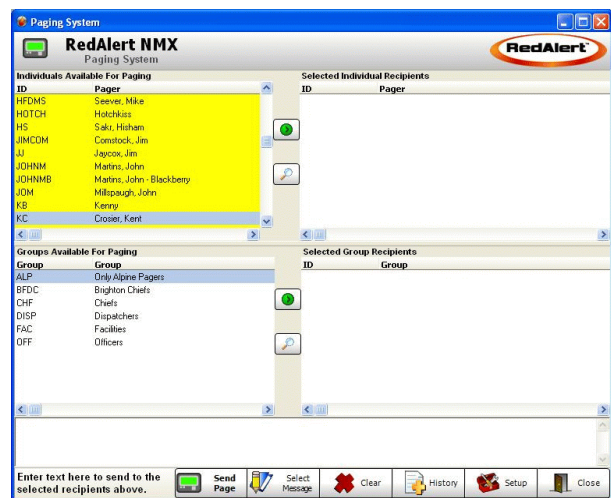
Special Features

- Supports multiple paging companies at the same time. Your personnel are not locked into a particular wireless carrier.

- Data can be converted from PageNet and other paging databases.

- Requires no dispatcher intervention. Pages are automatically sent at time of dispatch.

- User configurable paging groups (distribution lists) - different subsets of personnel can be alerted based on call type and call status.

- Pages can be sent from any computer running on the network.

- Manually generated pages can be sent to individuals or any and all groups.

- Generate reminder pages for meetings, drills and other events.

- Pre-formatted messages can be stored in the system and quickly sent eliminating the need to re-type the same message over and over again.

- Message history function stores all the details of each page sent - Date, Time, Message Text and Recipients.

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Additional Features

- Non emergency individual or group pages are also supported.

- Allows for secondary pages to be sent for dispatch status code changes. Example includes sending a page to the Fire Inspector when the request for Fire Inspector code is entered.

- Logs a paging history.

- Records Management version available. Does not require CAD module.

Total Integration

The RedNMX Paging Systems integrates with the following modules:

Computer Aided Dispatching (CAD)

Pages are automatically sent at the time of the call. No dispatcher intervention is required.

3rd Party CAD Interfaces

Pages are automatically generated when the CAD Interface detects a new call.

Security Management

Allows for the granting and restricting of access to the paging system by approved personnel.

Support Paging Protocols

TAP Telocator Alphanumeric Protocol, the most widely used protocol by carriers for dial up modem message delivery. *Server requires a standard modem.*

SNPP Simple Network Paging Protocol, a new internet based paging protocol that is being adopted by many carriers. *Requires Internet.*

SMTP Simple Mail Transport Protocol, a protocol designed for email, but used by many carriers to accept messages over the internet. *Requires Internet.*

WCTP Wireless Communications Transfer Protocol, another new internet based paging protocol that is being adopted by many carriers. *Requires Internet.*

UCP Available upon request.

GSM Available upon request.

Sample Screen Shots
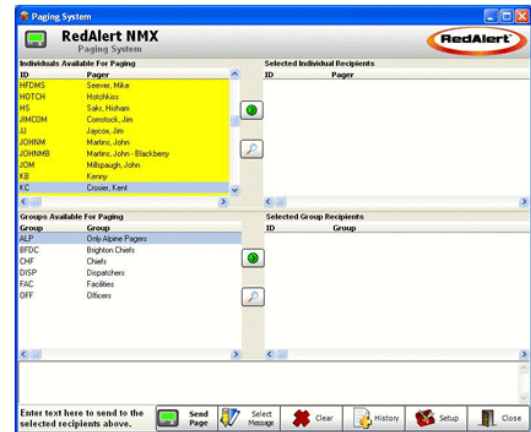
Paging
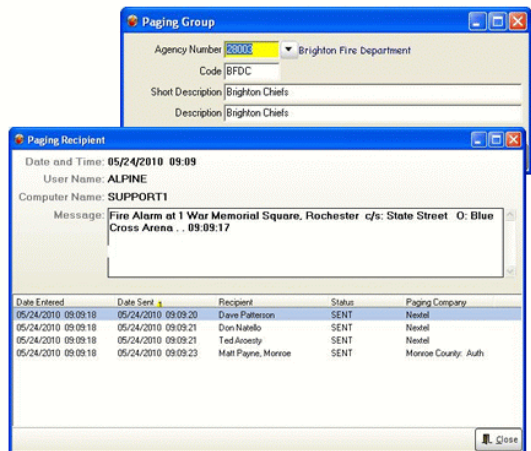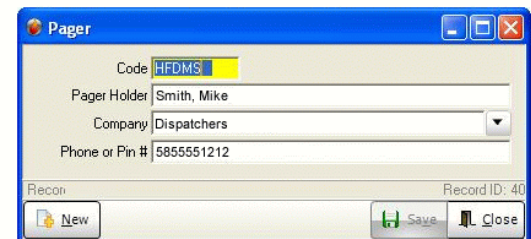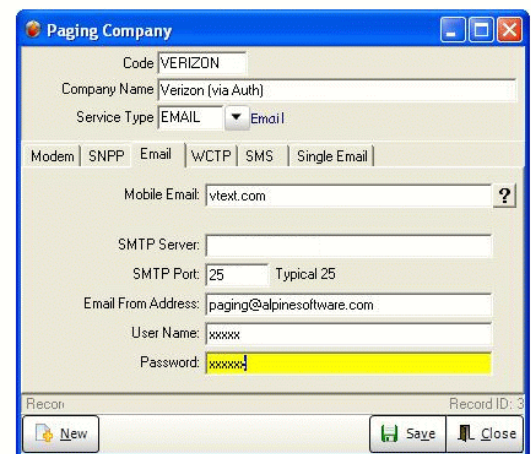
GEO File, Property and Preplan

GEO-1

Overview

The RedNMX GEO Property and Preplan module provides an efficient and robust system for departments to enter, store, and retrieve information collected on specific addresses. Alpine customizes the preplan entry screens to each departments specifications. The module is fully integrated with other system modules such as Dispatch, HazMat, GIS Mapping, Hydrants and more. Please refer to technical document GEO-2 for various examples of custom preplan forms.

Data Flow Diagram

Special Features

- 100% department specified preplan, view screen, run card, and building survey form. These entry screens and reports can be designed to your department specifications.

- Optional site plan graphical interface for storing, retrieving and printing building layouts, HazMat locations, and visual preplans. Site plans can also be faxed from the system.

- Links with Computer Aided Dispatching System, allows for generating incident directly from preplan record. Allows for the accessing of call history directly from the address record.

- Interface with GIS Mapping module to display location of address.

- Record HazMat locations and quantities stored at site. Access HazMat database directly from preplan.

- Rapid Search and Retrieval system allows for the retrieving of address ranges, intersections, sites and locations quickly and efficiently.

- Enter an unlimited number of contacts for each location.

- Easily identify locations with handicap or special needs occupants.

- Dispatcher and field unit warning system. Critical information flashes on screen.

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Multiple Location Definitions

Geographic locations can be defined several ways.

- **Specific Address.** Street number, street name, apartment number, and town are primary fields that determine an address.

- **Intersections.** Primary street, cross street, and town are primary fields that signify an intersection location.

- **Address Range.** Lower and upper range, street name and town represent an address range.

- **Landmark or Common Place Name.** Specific location that does not necessarily have a defined street number and street name. Examples include Town Square, Country Green, or Elmsford Park.

The RedNMX GEO file can be customized to meet the special needs of your fire protection area. Custom searching algorithms can also be configured based on how your department receives calls.

Total Integration

The GEO or Property / Preplan has been integrated with many other modules for quick and efficient retrieval of information.

INC-1: NFIRS Incidents. Incidents are linked directly to the address record by location. Therefore dispatchers can access the incident history to determine if the department responded to the address in the past.

DISP-1: Computer Aided Dispatching. Dispatchers can access critical location data at the time of the alarm. E911 calls will automatically access the correct address.

SITE-1: Graphic Site Plans. An unlimited number of graphic site plans can be attached to an address location record.

INSP-1: Inspection Management. Inspection and violation history is attached to the address record.

PERM-1: Permit Management. Permits are also attached to the address record.
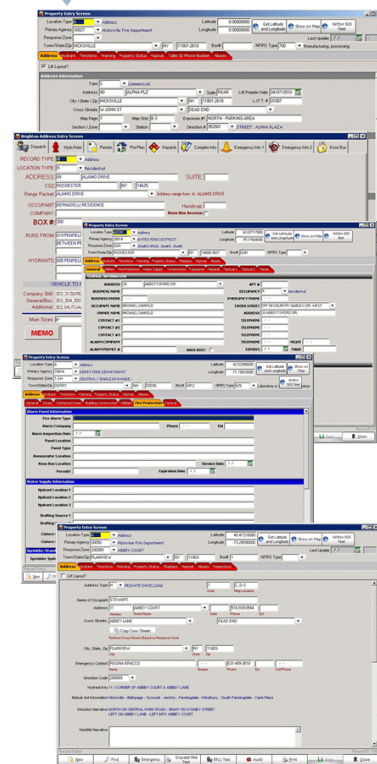
HYD-1: Hydrant Management. Hydrants are attached to the address record by street name or hydrant code.

GIS-1: GIS Mapping System. Dispatchers can view the exact location of the select GEO record.

Example Screen Shots
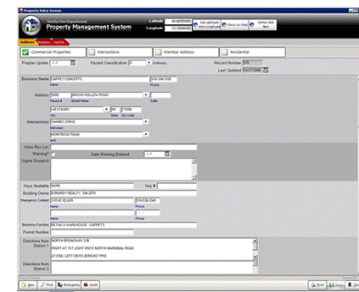
Property Preplan
Sample Custom Entry Forms

Additional Technical Documents

As with all of the documents listed in the Total Integration section, Alpine recommends that you review:

GEO-2: GEO Module Customization

This document explains in detail how the GEO module can be customized.