

EnGenius®

In the past 25 years, we focus on "Long Range"

Senao Networks, Inc

Longest Range Cordless Telephone Systems and Wireless Data Products

## Our Mission

*Provide Users with an Affordable and Reliable Tool to Increase Productivity*

## Our Customers

*Companies that Require Mobile Communications within the Workplace*

## Our Products

*Industrial-Grade Cordless Telephone Systems & WLAN Solutions*

## Our Channels

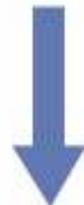
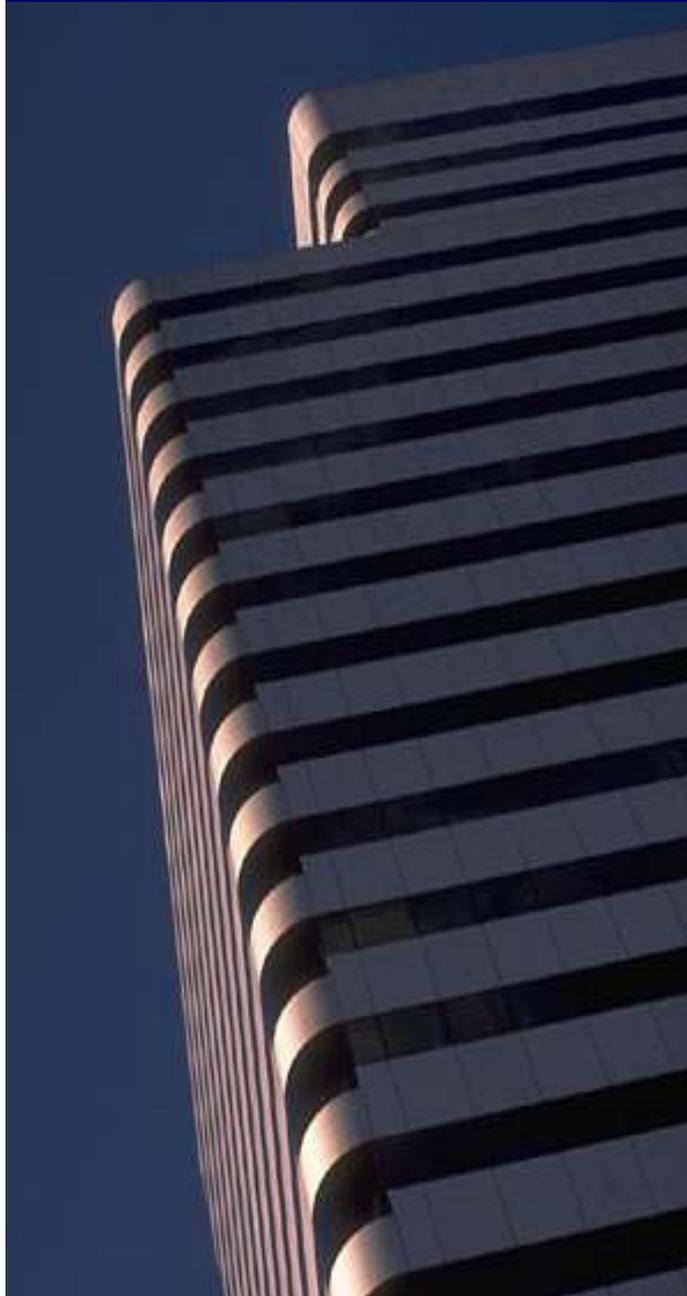
*Small, Medium and Large Telephone System Providers and Data Integrators*

## Our Vision

*Providing Durable, Reliable & Affordable Wireless Communications Solutions*

Longest Range Cordless Telephone Systems and Wireless Data Products

# Experience Long Range



Up to

**12**

Floors

of in building  
penetration

**250,000 sq. ft.**

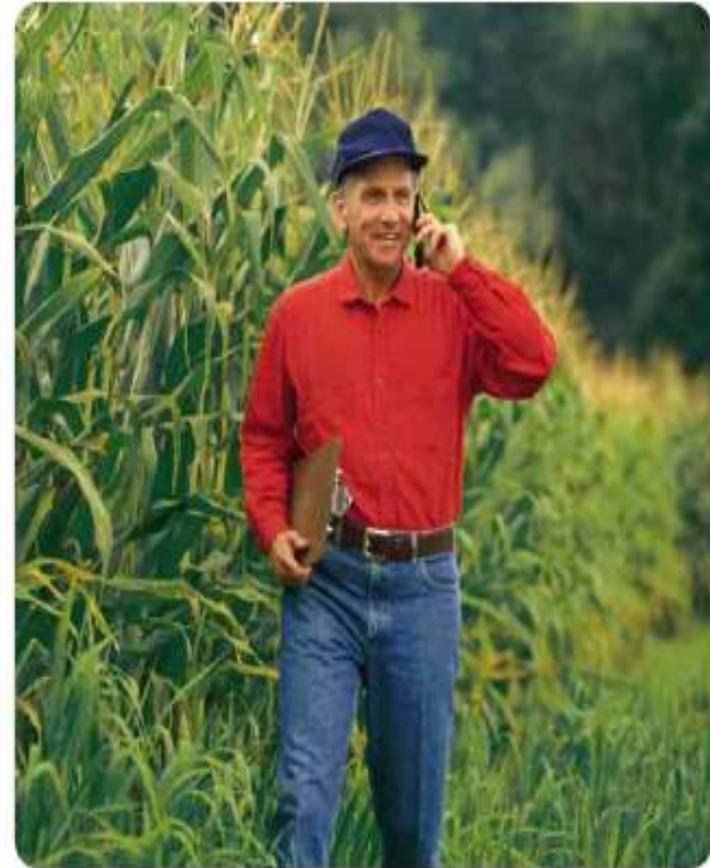


### • **Warehouse**

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- Retail & Grocery Stores
- Distribution Centers
- Manufacturing Plants
- Data Centers

**3000 acres**



### • **Farmland/Ranch**

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- Car Lots
- Self Storage
- Golf Courses
- Marinas

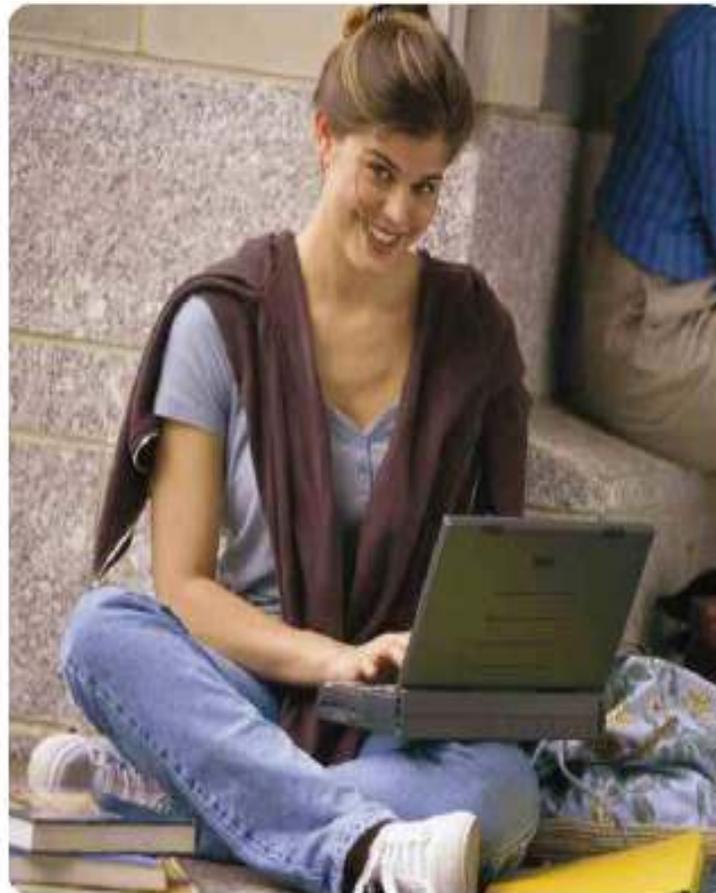
# DuraFon PRO Mobile Solutions



## **Office**

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- Brokerage Firms
- Hotels
- Libraries
- Multi Floor Business



## **• School**

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- Assisted Living
- Government Agencies
- IT / Security
- Sports Facilities

# *DuraFon PRO* *Long Range Cordless System*

Presented by:

EnGenius Technologies



Longest Range Cordless Telephone Systems and Wireless Data Products

# *What is a DuraFon System?*

- **Analog Cordless Telephone System**
  - 902-928 MHz for maximum range
  - Support for 32 Analog PBX or CO Lines
  - Support for 90 DuraFon Handsets or Walkies
  
- **Private and Secure 2way Radio System**
  - Full Duplex Handset to Handset 2-way Radio System
  - Support for 90 DuraFon Handsets or Walkies
  - Built in 'Broadcast Page' (single handset, group or all)
  - No License Fee or Airtime Charges !

# *DuraFon Advantage !*

**No QoS Concerns**

**No Reoccurring Airtime Charges**

**No Annual Contracts**

**Expandable**

**PBX / Remote Broadcast**

**Durability**

**Independent 2-way Radio System**

**Access to company's PBX**

**Lower Installation Requirements**

**DuraWalkie**

**Independent Broadcast Page**

**Extreme Range**

**Indoor and Outdoor Coverage**

Longest Range Cordless Telephone Systems and Wireless Data Products

# *Standard System Features*

- **9 programmable PBX functions per handset**
- **6 hours talk time, 50 hours stand-by time**
- **Adjustable Ringer / Vibration / Silent**
- **Broadcast Page (All, Handset or Group)**
- **Call Hold**
- **Caller ID / Call Waiting Caller ID**
- **Call Logs (dialed, missed, received)**
- **Last Number Redial**
- **Music on Hold Source Input**
- **Mute**
- **Private & Secure 2-way radio system**



DuraFon 4X



DuraFon PRO



DuraFon 1X

## **All Systems Includes:**

- (1) DuraFon Base Unit with Adapter
- (1) DuraFon Handset
- (1) Lithium ION Battery Pack
- (1) AC Charging Cradle with Adapter
- (1) Belt Clip
- (1) Optimal Performance Antenna
- (1) Low Profile Antenna

# *DuraFon Pro*

## Features:

- 4 Port / Line Base Unit
- Expandable to 8 base units (32 lines/ports)
- Supports 90 Handsets
- **Speaker Phone**
- Auto Attendant
- Call Forward (internal / external)
- 90 Entry Phone Book
- Broadcast Page Integration
- Wireless Phone Book Transfer
- Wireless Base Registration



**DuraWalkie**  
**2-way radio only**



# *DuraFon Handset*



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# *PIA/PIB PRO Bundles*



## **PIA Includes**

- (1) PRO Base
- (4) Handsets
- (8) Lithium ION Batteries
- (4) Durapouches

## **PIB Includes**

- (1) PRO Base
  - (4) Handsets
  - (8) Lithium ION Batteries
  - (4) Durapouches
  - (1) High Gain External Antenna
  - (1) Lighting Protection Kit
- \*PIB Kits available with 10 or 20 meter cables



# Accessories



**Spare Battery**  
(DURAFON-BA)



**DuraPouch**  
(DURAPOUCH-EX)



**Lightning Protection**  
(SN-ULTRA-LPK)



**Belt Clip**  
(DURAFON-BC)



**Call Box**  
(SN-ULTRA-CBX)



**Digital Adapter**  
(SN-ULTRA-xxx)  
(DAA = Avaya)  
(DAN = Nortel)  
(DAS = Siemens)



**External Antenna**  
(SN-ULTRA-AKxxx)  
(AK10L = 30 Feet coaxial)  
(AK20L = 60 Feet Coaxial)



**Antenna Splitter**  
(SN-ULTRA-AS)

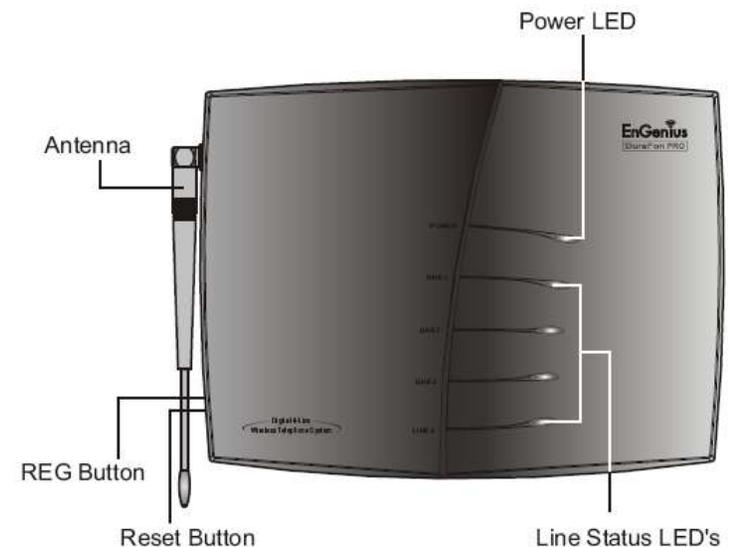
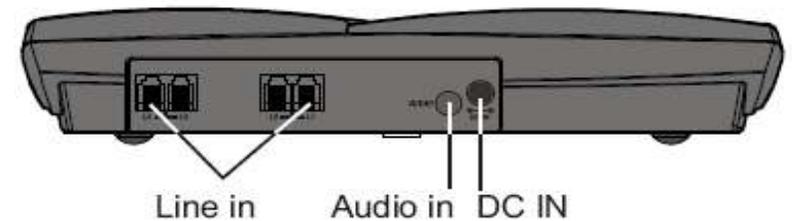
# *DuraFon Pro Base*

## Flexible Port Assignments

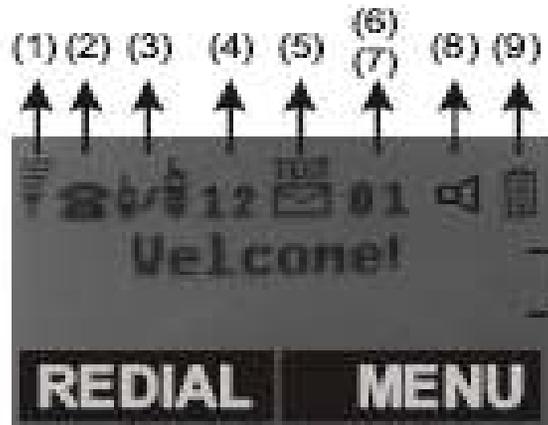
- Line/Port Dedicated
  - Managers, Foreman's, Supervisors
- Group Line/Port
  - Departments, Areas,
- Mixed
- Broadcast Page Port

### **Manufactures Tip:**

For the most flexibility of the PRO system use a mix of Dedicated Ports and Group Ports.



# DuraFon Display



## Programmable Welcome Screen

- (1) **RSSI (Receive Signal Strength Indicator)**  
During a call, the number of bars is proportional to the radio signal strength received.
- (2) **Call in-progress (ON/OFF-Hook)**  
Indicates if phone line mode is active.
- (3) **Intercom in-progress**  
Indicates if Intercom mode is active.
- (4) **Handset ID**  
Displays a handset icon and a 2-digit Handset ID.
- (5) **Text Envelope**  
Indicates if there is new text message.
- (6) **Two-Digit Address Index**  
Shows address index when viewing contents of the call logs, text messages or phonebook.
- (7) **Line Indicator**  
Indicates the number of the line being accessed by the handset.
- (8) **Speaker phone**  
Indicates if speaker phone is active.
- (9) **Battery Strength**  
\* Number of bars is proportional to the amount of battery time remaining.  
\* Indicates charging when in charger cradle.

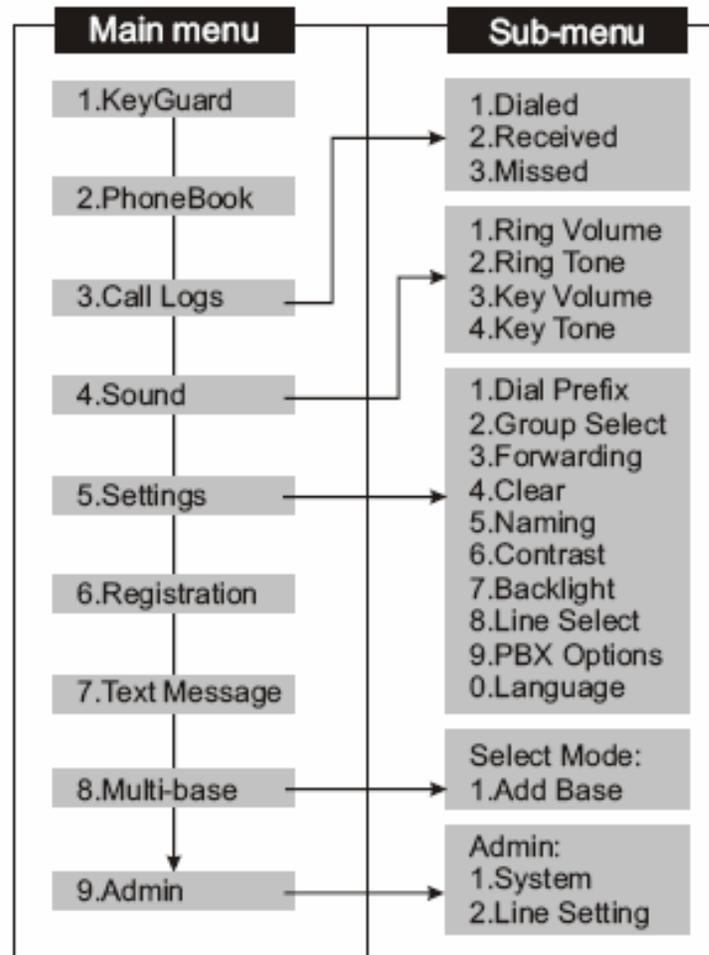
### Manufactures Tip:

Use the 'Naming' feature to create a unique screen identifier for each handset, it is suggested to use the user/department name + PBX extension number so that the handsets do not get mixed up

# Handset Administration



Only Handset 10 & 11 can administer the advanced features such as line dedication, auto attendant and base registration



# *Expandability*

**up to 8 base units**



## **Multi Base Private & Secure 2-way Radio Network**

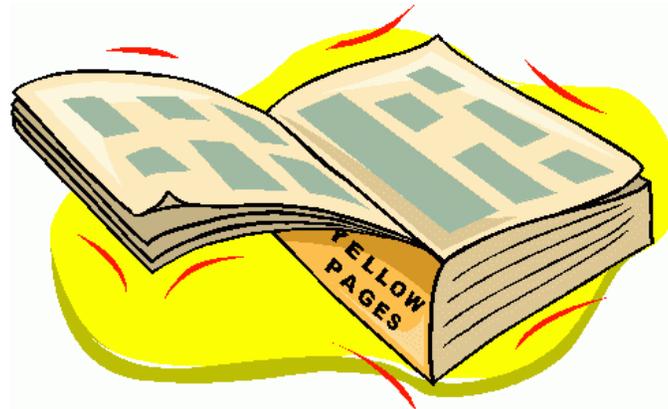
**Expandable from 4-32 Ports and 90 Handsets or DuraWalkies**

**Investment Protection – Grow As You Go**



**Longest Range Cordless Telephone Systems and Wireless Data Products**

# *Wireless Phonebook Transfer*



**Save on Installation Time**  
**Transfer and Share Contact Records**  
**Single Contact or all 90 Contacts in seconds....**

# *Wireless Base & Handset Registration*

**Conveniently Add or Register  
New Handsets or Base Units**

**Decrease Installation  
Time and Expenses**



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# *Auto Attendant*

**PRO basic Auto Attendant allows outside callers or receptionist to automatically transfer callers to each DuraFon & DuraWalkie handset.**

## **NO Voice Mail**

**Unanswered calls will recall back to a ADMIN Handset or a PBX dial string.**

**The PBX Dial String will allow the caller to be transferred back to a receptionist or a group mailbox when the dialed handset does not answer.**

**Auto Attendant can be turned on or off for each of the PRO ports**



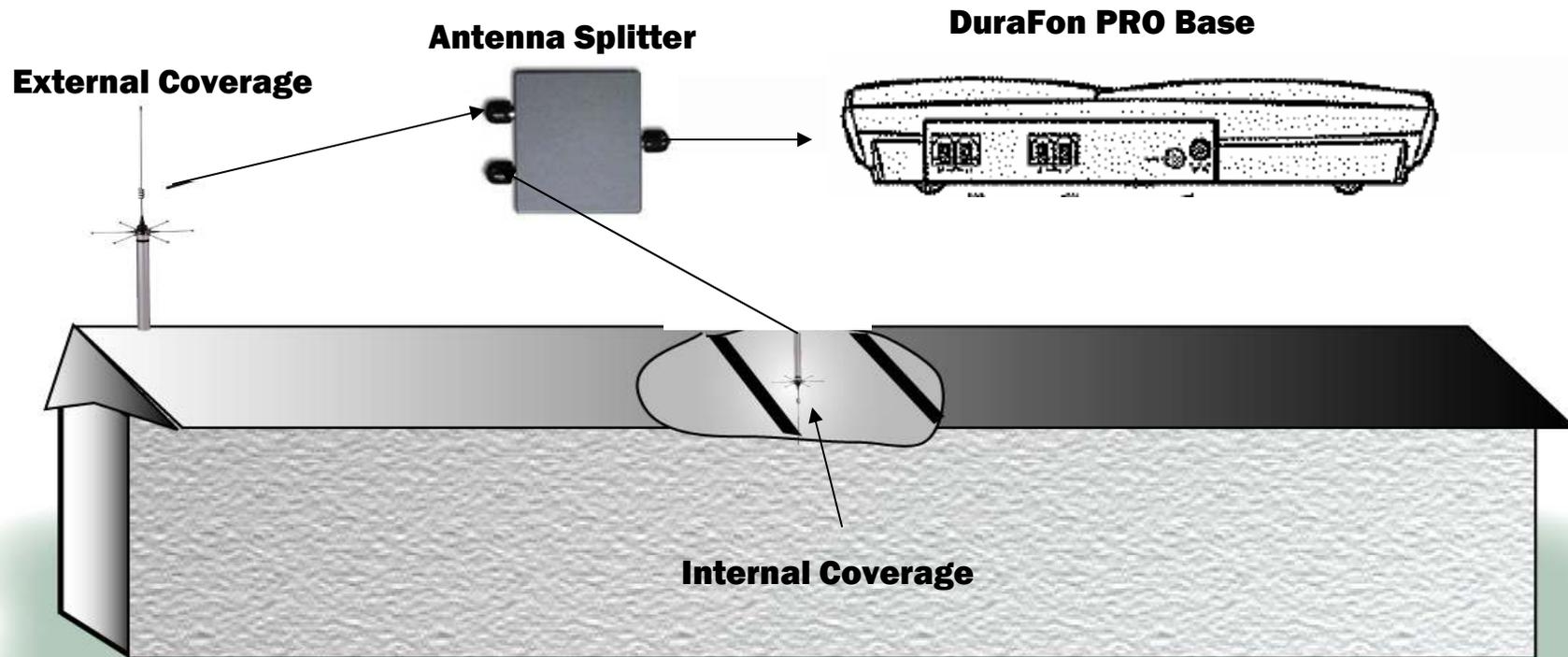
## **Manufactures Tip:**

Use the PRO Auto Attendant feature to extend the current PBX configuration. This can be a cost effective solution to expensive “Forklift” upgrades.

Create 4 port PBX hunt group which rings direct to PRO base Auto Attendant. Multiple DuraFon handsets can share these (4) PBX ports giving the PBX additional handset capacity without expensive equipment upgrade.

# Coverage Enhancements

Use the External Antenna to gain additional coverage for handsets at the docks, in the fields or on a campus.

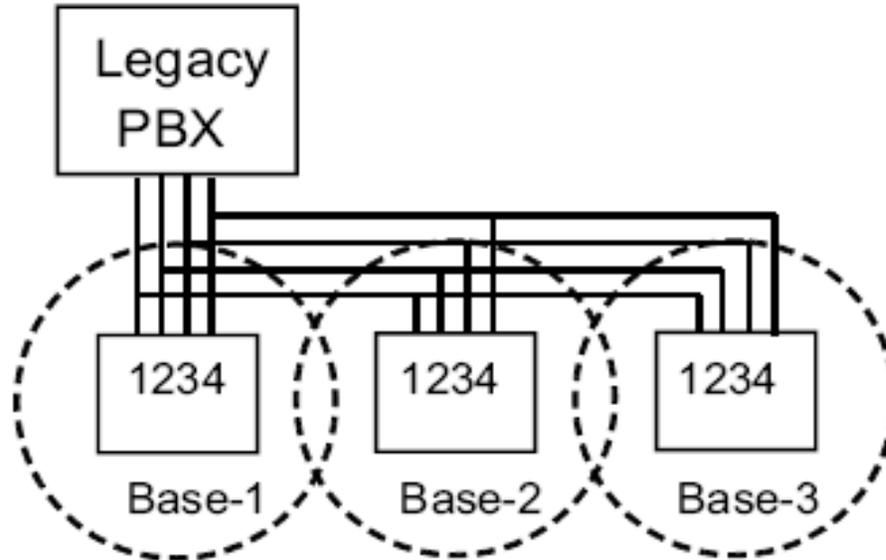


Maintain 20' between antennas and bases to avoid interference

*Use lightning protection kit outdoors!*

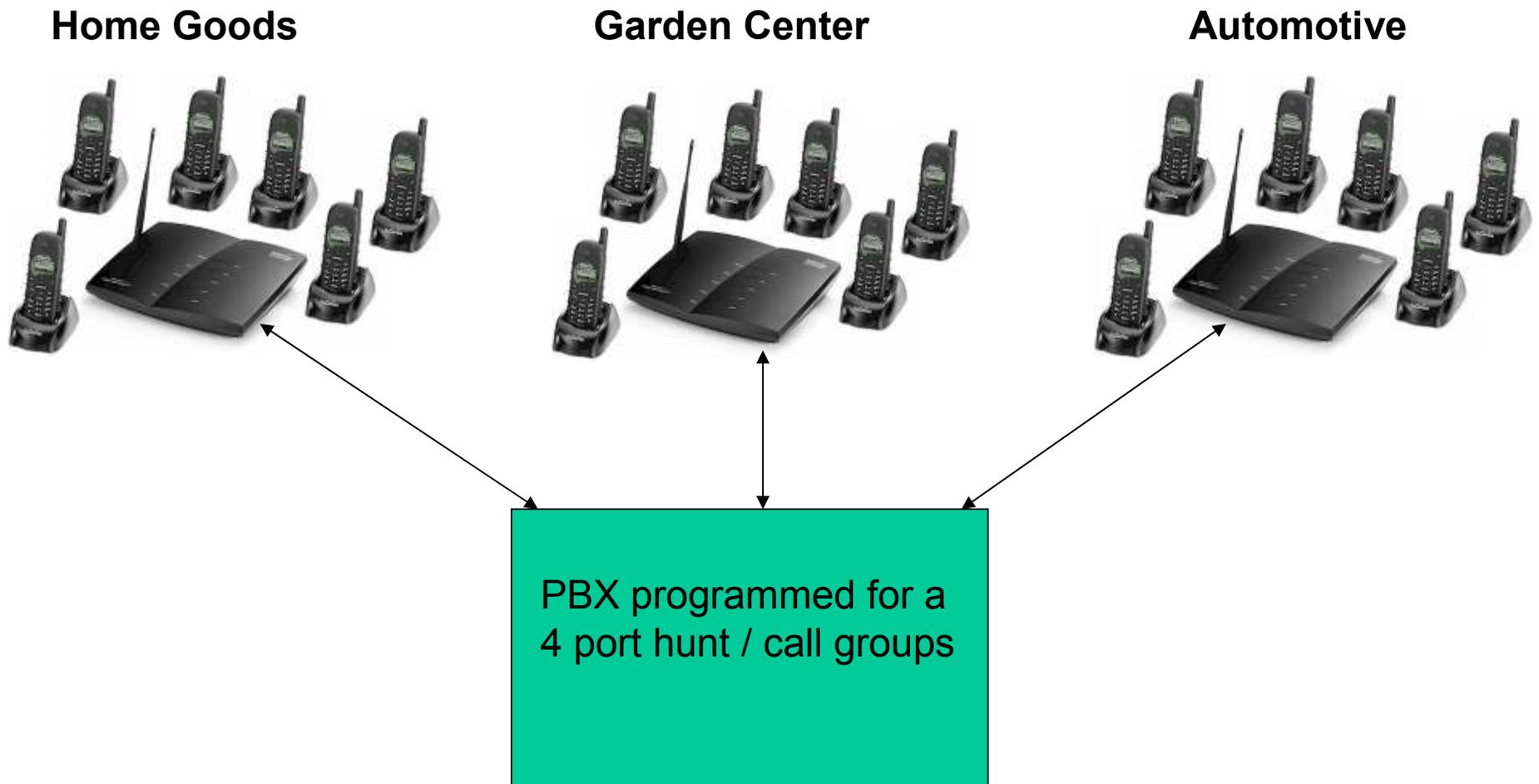
# *Multi-Base Coverage Enhancements*

Parallel connect Ports 1-4 on each base unit (up to 8 bases) for  
***Extreme Range*** options



Use Base Select feature via the Handset or the PRO Handset will automatically connect to a base when out of range of Base 00

# *Workgroup / Call Group*

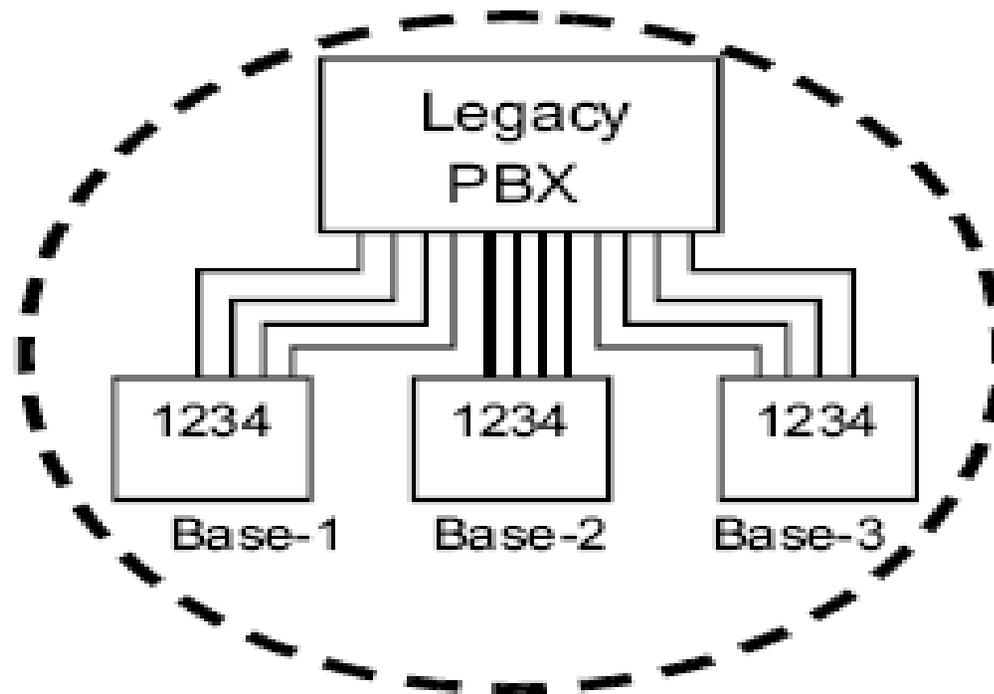


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# *Dedicated Configuration*

**One PBX Port for each DuraFon Port**

**Maximum 4 Handsets per Base**



**Maximum 8 Bases**

**Maintain 20' between Bases for Maximum Range**

# *Private Secure 2-Way Radio System*



**Range of the 2-way Radio is slightly less than our Cordless Telephone. It does not utilize the Base antenna or the optional external antenna.**



**Full-duplex, private, handset-to-handset intercom call**

**For the best coverage with our 2-way Radio use the optimal handset antenna**

**Q1:** When you walk into a retail store how many times have you noticed the employees using Walkie Talkies?

**Q2:** How about at a Restaurant?

**Q3:** Hospitality?

**Position our 2-way Radio with users of Motorola and Kenwood 2-way Radios**

**Longest Range Cordless Telephone Systems and Wireless Data Products**

# *Broadcast Page*

Each DuraFon Handset and DuraWalkie automatically has the ability to **BROADCAST** a half duplex (push 2 talk) announcement to “**all**” handsets, a “**group**” of handsets or a “**single**” handset.



**Up sell Broadcast Page for environments that do not have an overhead paging system or that may lack coverage with their paging system.**



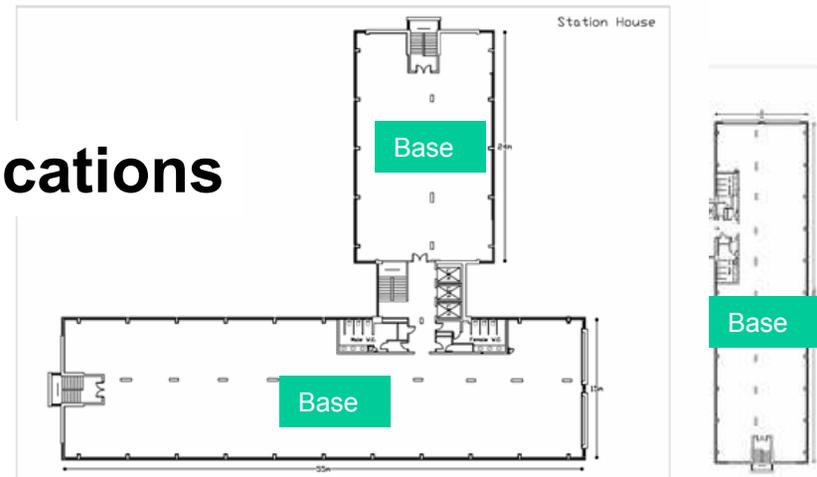
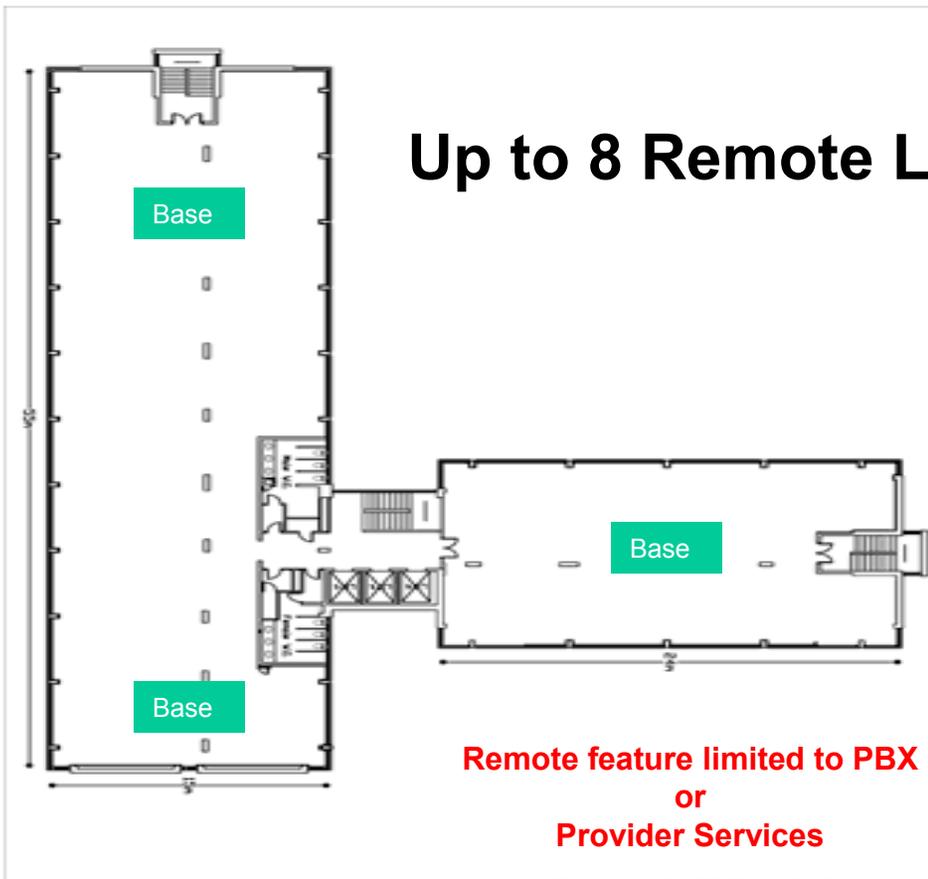
***DuraFon PRO offers the ability to dedicate a port as a “Broadcast” port for integration options to PBX/VOIP systems***

# Remote / Multi-Base Broadcast

Configure Port 4 of each base as a Broadcast Port

## Extended Long Range Push-2-Talk Broadcast Page

Up to 8 Remote Locations



## Reach hard to cover areas

- Vaults
- Refrigeration / Coolers
- Cellars / Basements
- Extend In-Building Penetration
- Extend 2-Way Radio Square Foot Coverage

# *PBX Broadcast Page*



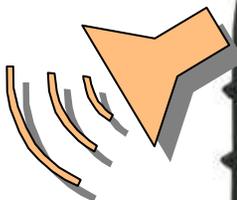
Desk phones can access the Broadcast Page of the DuraFon Handset

**PBX**



Page the DuraFon Handsets via any Desktop Telephone

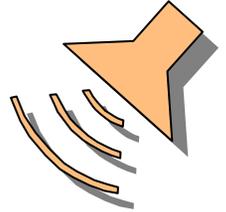
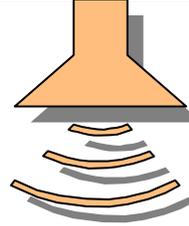
**Daniel pick up  
Park 60**



Analog Port from PBX to Dedicated Broadcast Port on PRO Base



# *External Broadcast Page Options*



**Broadcast Page feature will be heard from the external speakers and the DuraFon Handsets**

**EnGenius EPA**  
(coming soon)



**Manufactures Tip:**  
Connect an audio cable to the headset port of a DuraWalkie and to the input of the amplifier as your External Page Adaptor



# *Product Positioning*

## ***Do you need both Inside and Outside Coverage?***

- Are there large racks or barriers that may cause interference?
- Do you have clear line of site?

### **Manufactures Tip:**

Each base can support (two) external antenna's, use these to get coverage both indoors, outdoors and hard to reach areas such as coolers, cellars or even a 2<sup>nd</sup> building.

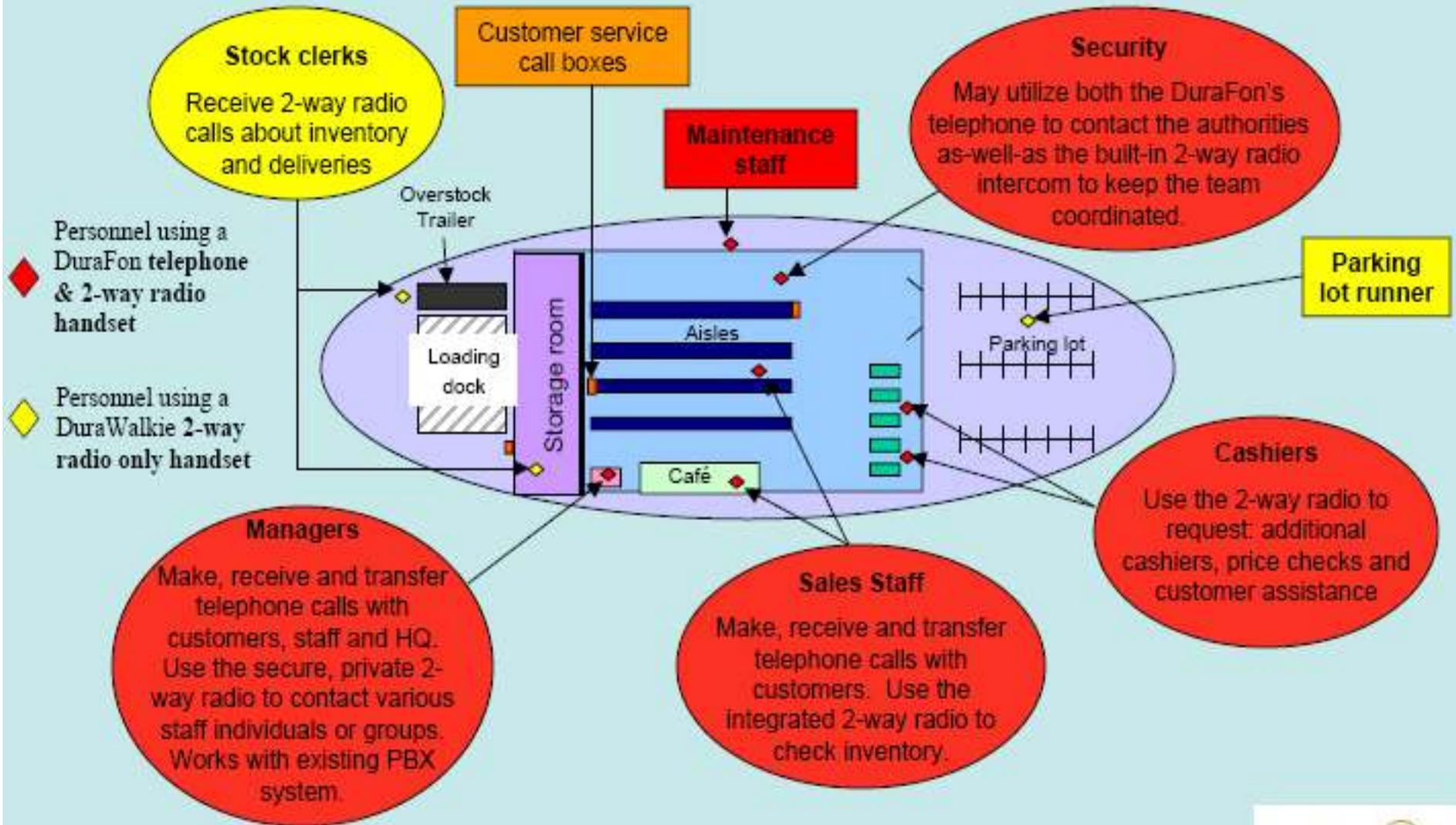
## ***Office building, Warehouse, or Open area?***

- 12 Floors In-Building Penetration
- 250,000 Square Feet
- 3000 Acres

### **Manufactures Tip:**

If you need even more range than use the PRO Multi-Base configuration with looped lines to go beyond 60 Floors and over 1 million square feet.

# Solutions for Retailers



EnGenius™

# *Solutions for Education*



**Ensure campus safety, staff responsiveness and student well being**

**Use the private 2-way radio to contact staff quickly and privately.**

**Use the Broadcast Feature to announce a school emergency.**

**Have a medical emergency? Dial 911 from anywhere!**

**Principals can walk the entire campus and never miss a call.**

**Complete coverage in classrooms, hallways, cafeteria,  
bus zones, playgrounds, ball fields and stadiums**



**Longest Range Cordless Telephone Systems and Wireless Data Products**

# Solutions for Hospitality



**Improve mobility, responsiveness and guest satisfaction!**

**12 Floors of Coverage**



**Maintenance & Housekeeping  
use the DuraWalkie**



**Give mobility to VIP's**



**Front Desk & Managers  
use the DuraFon**

**Coverage for the entire property**

**Longest Range Cordless Telephone Systems and Wireless Data Products**

# *Go Vertical - Go PRO*

- ✓ Assisted Living Facilities
- ✓ Auto Dealers
- ✓ Big Box Retailers
- ✓ Book Stores
- ✓ Brokerage Firms
- ✓ Construction
- ✓ Equipment Rental
- ✓ Farms / Ranches
- ✓ Grocery Stores
- ✓ Library
- ✓ Luxury Homes/Estates
- ✓ Manufacturers
- ✓ Marinas
- ✓ Nurseries
- ✓ Portable Emergency
- ✓ Professional Service Firms
- ✓ Schools
- ✓ Self-Storage
- ✓ Warehouses



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# *Questions & Answers*

**See all of our products by visiting the  
EnGenius website at:**

**[www.engeniustech.com](http://www.engeniustech.com)**

**888-735-7888**

**EnGenius Sales Department (option 1)**

**EnGenius Technical Department (option 2)**



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