

# ScaleLink Pro 3.2x

## Initial Installation & Setup



Revision 1, August 2007

# ScaleLink Pro 3.2x Initial Installation & Setup

OVERVIEW.....	2
LOADING THE PROGRAM .....	2
From the CD.....	2
From a zipped file.....	2
ScaleLink Pro User License File .....	2
CONFIGURING SCALELINK PRO.....	4
New Database .....	4
.PLD Database File .....	4
.MDB Database File .....	4
Scale Communications .....	5
Scale Type.....	5
Departments.....	7
PLU Fields.....	7
Users.....	8
Price Zones.....	9
General and Site Setup Files.....	11

## OVERVIEW

Use this document to install and configure ScaleLink Pro version 3.2x and later.

## LOADING THE PROGRAM

ScaleLink Pro can be installed from either a CD provided by Rice Lake Weighing Systems or from a zipped file downloaded from [www.ricelakeretail.com](http://www.ricelakeretail.com).

### From the CD

Place the CD in the computer. The CD will automatically start. Follow the on screen instructions and load the software using the default settings.

### From a zipped file

Unzip the file. Open the folder containing the unzipped files. Double click the file SETUP.EXE. Follow the on screen instructions and load the software using the default settings.

### ScaleLink Pro User License File

By default, ScaleLink Pro is installed as a demonstration version. To operate the fully functional version a valid User License file must be installed. (The user license file is purchased from Rice Lake Weighing Systems.) Copy the license file “scaluser.def” and paste it to the ScaleLink Pro folder. To locate the ScaleLink Pro folder, go to My Computer, select the hard drive (usually the C: drive), select the Program Files folder, select the Ishida folder, and select the ScaleLink Pro folder. See figure 1.

## ScaleLink Pro 3.2x Initial Installation & Setup

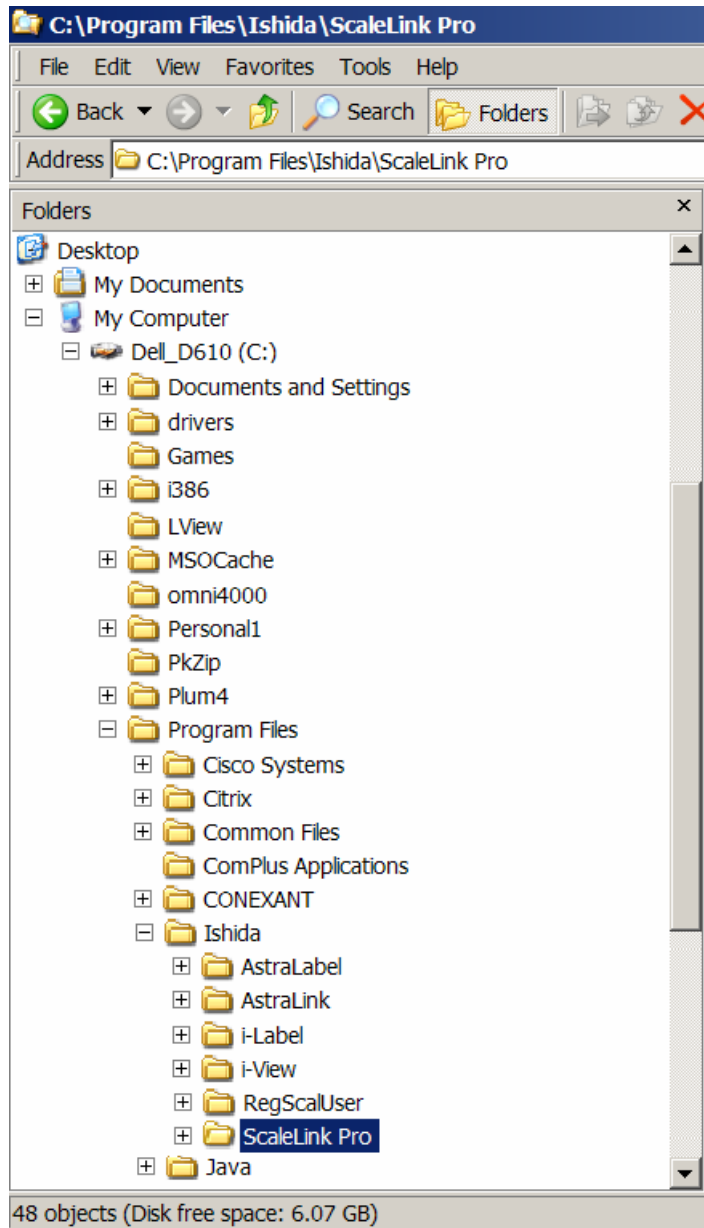


Figure 1. ScaleLink Pro Folder Location

# ScaleLink Pro 3.2x Initial Installation & Setup

## CONFIGURING SCALELINK PRO

After initial installation a ScaleLink Pro database must be created or opened. Select the FILE menu, then select either NEW or OPEN. See figure 2.

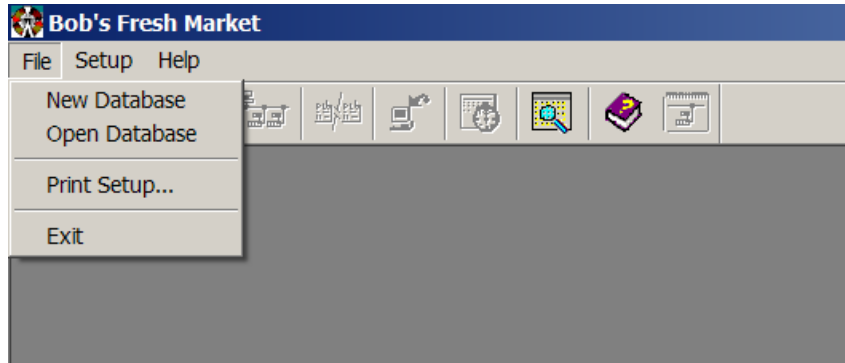


Figure 2. Initial ScaleLink Screen with File Menu

### New Database

Two file types are available: .MDB and .PLD. The file types are described below. See figure 3.

#### *.PLD Database File*

This file type is recommended for a single user environment with manual data entry and transmission to and from the scales.

#### *.MDB Database File*

This file type is suitable for a multi-user environment with automated data importing and transmission to and from the scales.

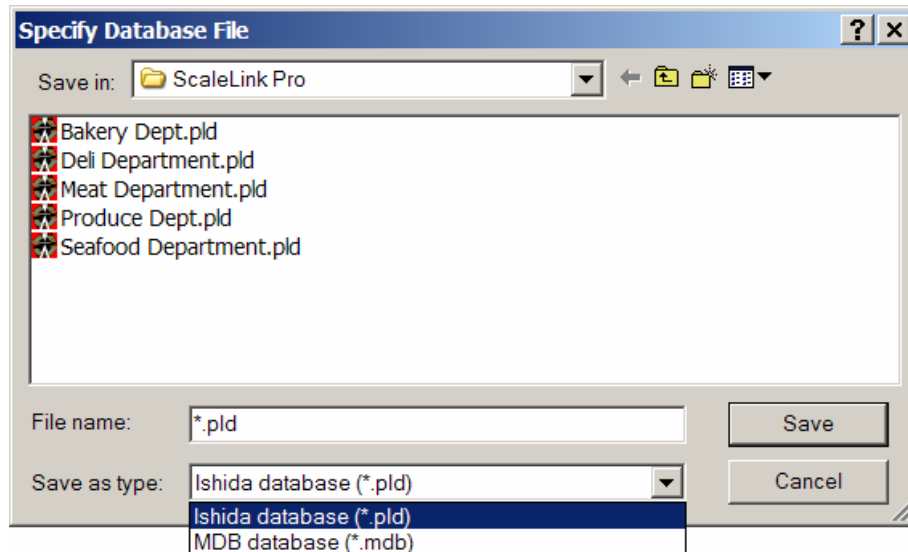
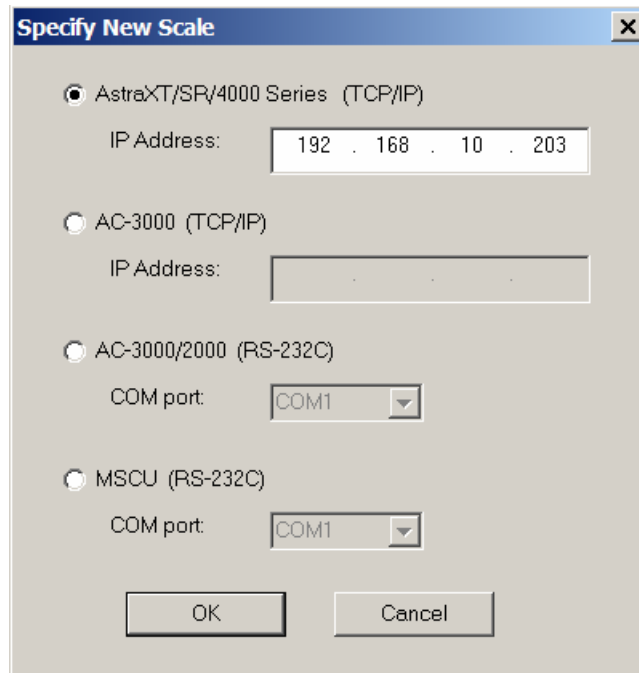


Figure 3. Selecting ScaleLink Pro File Type

# ScaleLink Pro 3.2x Initial Installation & Setup

## Scale Communications

One or more scales must be defined for ScaleLink Pro to transmit or receive data. Select the SETUP menu, select COMMS (ON-LINE), then select ADD. See figure 4.



The image shows a dialog box titled "Specify New Scale" with a close button (X) in the top right corner. It contains four radio button options for scale types, each with associated input fields:

- AstraXT/SR/4000 Series (TCP/IP)  
IP Address: 192 . 168 . 10 . 203
- AC-3000 (TCP/IP)  
IP Address: [Empty text box]
- AC-3000/2000 (RS-232C)  
COM port: COM1 [Dropdown arrow]
- MSCU (RS-232C)  
COM port: COM1 [Dropdown arrow]

At the bottom of the dialog are two buttons: "OK" and "Cancel".

Figure 4. Scale Entry Screen.

## Scale Type

For current Ethernet based scales (AC-4000, BC-4000, SR-2000a, OMNi-4000, etc.) enter the scale's IP Address at the top field. On the next screen select the correct Scale type. If an incorrect Scale Type is set communications to that scale are not possible. See figure 5.

For earlier models select and enter the appropriate settings.

## ScaleLink Pro 3.2x Initial Installation & Setup

**Scales Comms Link (TCP/IP)**

Link Name: Meat #1 192.168.10.201

Scale Type: BC-4000 (dropdown menu open showing: AstraXT, AC-4000XT, EMZ/WM4/OMNI4, AC-4000, SR-2000 alpha, BC-4000)

Price Zone: [Empty]

Comms log: Program Files\...\192.168.10.201.txt

Tare Format: Standard

Scale supports 2-color printing?

Scale supports Msg #28 for sending PLUs to PC?

Filtering\* [Empty list with Add, Edit, Delete buttons]

\* Only send records in specified range.

TCP/IP Settings:

Port No.: 7061

IP Address: 192 . 168 . 10 . 201

Communication Timeout (sec): 5

Max. Records/Block: 100

Buttons: OK, Cancel, Change File...

Link No.: 16

Enable Link

Figure 5. Scale Properties with Scale Type Dropdown Menu

After all scales have been configured confirm communication to each scale. Select the COMMS menu, then select SHOW COMMS STATUS. Use the TEST ALL LINKS button to confirm all scales are Connected. See figure 6.

**Communication Center**

Scale Status | Send/Receive

Scale	Model	Enabled?	Status	Data Waiting?
Meat #1 192.168.10.201	BC-4000	Yes	Connected	No
Meat #2 192.168.10.202	BC-4000	Yes	Connected	No
Handwrap 192.168.10.203	AC-4000	Yes	Connected	No

Buttons: Enable/Disable, Test Link, Clear Waiting Data, Enable All Links, Disable All Links, Test All Links, Close

Idle

Figure 6. Scale Communication Confirmation

# ScaleLink Pro 3.2x Initial Installation & Setup

## Departments

In a store with multiple Departments configure ScaleLink Pro to link a database with a group of scales. Select the SETUP menu, select DEPARTMENTS, then select ADD.

Complete the following three steps. See figure 7.

- Name the Department.
- Select the Database containing the PLU File, etc. for the department. If the file does not exist select the desired folder and enter the file name. An empty file will be created.
- Select the appropriate scales for the department.

Repeat the above three steps for additional Departments. When finished ScaleLink Pro will prompt to select a Department.

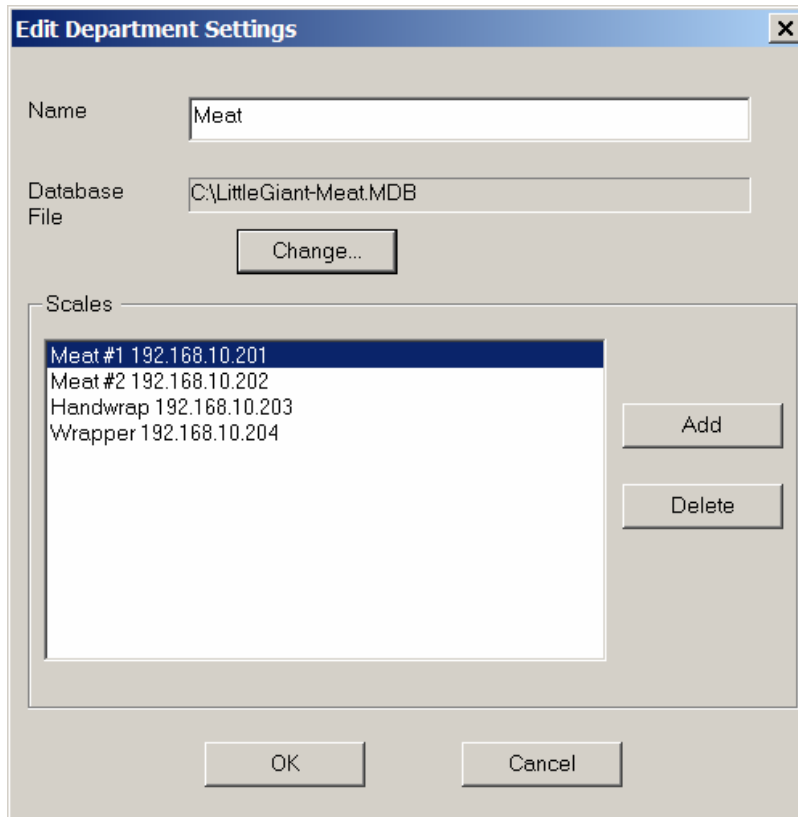


Figure 7. Department Settings

## PLU Fields

A powerful feature of ScaleLink Pro is the ability to customize the program's features. The PLU programming screen should always be customized for each customer. This involves enabling/disabling PLU File fields based on a customer's needs.

Select the SETUP menu, select FIELDS, then select PLU FIELDS. If present select (PAGE 1). The Field Setup screen is displayed. See figure 8. Each item has two selections: Display and Print. Select the Display box for all items required by the customer. (The Print selection is used ONLY for printing custom ScaleLink Pro PLU reports.)

## ScaleLink Pro 3.2x Initial Installation & Setup

	Display?	Print?		Display?	Print?		Display?	Print?		Display?	Print?
PLU No.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Exp. Flag	<input type="checkbox"/>	<input type="checkbox"/>	Ex msg #2	<input type="checkbox"/>	<input type="checkbox"/>	2nd Tare	<input type="checkbox"/>	<input type="checkbox"/>
Sales Mode	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exp. Time	<input type="checkbox"/>	<input type="checkbox"/>	Ex msg #3	<input type="checkbox"/>	<input type="checkbox"/>	Forced Tare Flag	<input type="checkbox"/>	<input type="checkbox"/>
Mkd. Flag	<input type="checkbox"/>	<input type="checkbox"/>	POS Sel	<input type="checkbox"/>	<input type="checkbox"/>	Logo 1	<input type="checkbox"/>	<input type="checkbox"/>	Infeed Speed	<input type="checkbox"/>	<input type="checkbox"/>
Mkd Price	<input type="checkbox"/>	<input type="checkbox"/>	POS Flag	<input type="checkbox"/>	<input type="checkbox"/>	Logo 2	<input type="checkbox"/>	<input type="checkbox"/>	SafeHandling	<input type="checkbox"/>	<input type="checkbox"/>
Price	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Barcode	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nutrition	<input type="checkbox"/>	<input type="checkbox"/>	Safe Handling Image	<input type="checkbox"/>	<input type="checkbox"/>
Fixed Wt. (oz)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Open Price?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Prop. Tare	<input type="checkbox"/>	<input type="checkbox"/>	Logo#3	<input type="checkbox"/>	<input type="checkbox"/>
Pack Quant.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unit Type	<input type="checkbox"/>	<input type="checkbox"/>	Use by	<input type="checkbox"/>	<input type="checkbox"/>			
Cost	<input type="checkbox"/>	<input type="checkbox"/>	Nutr. Flag	<input type="checkbox"/>	<input type="checkbox"/>	Use by Flag	<input type="checkbox"/>	<input type="checkbox"/>			
Tare Weight	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rand Msg	<input type="checkbox"/>	<input type="checkbox"/>	Free Msg#1	<input type="checkbox"/>	<input type="checkbox"/>			
Date Flag	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forced Tare	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Free Msg#2	<input type="checkbox"/>	<input type="checkbox"/>			
Shelf Life (days)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rotate	<input type="checkbox"/>	<input type="checkbox"/>	Free Msg#3	<input type="checkbox"/>	<input type="checkbox"/>			
Department	<input type="checkbox"/>	<input type="checkbox"/>	Upper Limit	<input type="checkbox"/>	<input type="checkbox"/>	Free Msg#4	<input type="checkbox"/>	<input type="checkbox"/>			
Group	<input type="checkbox"/>	<input type="checkbox"/>	Lower Limit	<input type="checkbox"/>	<input type="checkbox"/>	Free Msg#5	<input type="checkbox"/>	<input type="checkbox"/>			
Item Code	<input type="checkbox"/>	<input type="checkbox"/>	Tray No.	<input type="checkbox"/>	<input type="checkbox"/>	Label Fmt	<input type="checkbox"/>	<input type="checkbox"/>			
POP Msg.	<input type="checkbox"/>	<input type="checkbox"/>	Wrap Mode	<input type="checkbox"/>	<input type="checkbox"/>	2nd Label FMT	<input type="checkbox"/>	<input type="checkbox"/>			
Extra Msg.	<input type="checkbox"/>	<input type="checkbox"/>	Wrap Speed	<input type="checkbox"/>	<input type="checkbox"/>	Tray Flag	<input type="checkbox"/>	<input type="checkbox"/>			
Coupon	<input type="checkbox"/>	<input type="checkbox"/>	Volume	<input type="checkbox"/>	<input type="checkbox"/>	Tray Volume	<input type="checkbox"/>	<input type="checkbox"/>			
Time Flag	<input type="checkbox"/>	<input type="checkbox"/>	Label Rot.	<input type="checkbox"/>	<input type="checkbox"/>	Label Mode	<input type="checkbox"/>	<input type="checkbox"/>			
Pack Time	<input type="checkbox"/>	<input type="checkbox"/>	POS Type	<input type="checkbox"/>	<input type="checkbox"/>	2nd Label Flag	<input type="checkbox"/>	<input type="checkbox"/>			

Buttons: OK, Cancel, Advanced Settings...

Figure 8. PLU Field Setup Screen

### Users

Access to ScaleLink Pro can be restricted when multiple users will be working with the software. At least one user must have Administrator rights. If there will be many users with similar profiles begin by creating one or more default User Profiles. Select the SETUP menu, select USERS, then select ADD.

If User Profiles were created, select the appropriate profile from the displayed list when adding a new User. Enter the User name and password. Select a Price Zone if applicable - see the Price Zones section below. Select a Department to restrict the user to one PLU file. Ignore the PLU Profile setting. Limit access to Price Changes and PLU Fields as needed. Set the appropriate View, Update and Delete access. Repeat for each user. See figure 9.

## ScaleLink Pro 3.2x Initial Installation & Setup

The screenshot shows the 'Edit User' dialog box with three tabs: 'User Settings - General', 'User Settings - Reports and Data Import/Export', and 'User Settings - AC-4000/EMZ Settings'. The 'General' tab is active. It contains fields for Name (Sparky), Password (H23KR), and Price Zone\* (Use Defaults). There are buttons for 'Copy settings from default user profile...', 'Select DB/Dept..', and 'Select File...'. A checkbox 'Use specified database/ department only?' is checked, with 'Meat Dept' entered in the adjacent field. Another checkbox 'Specify PLU profile?' is unchecked. The 'PLU Access Permissions' section has a checked 'Price Changes' checkbox and a 'PLU Field Enable/Disable...' button. The 'General Access Permissions' section is a table with columns for 'View', 'Delete', and 'Update'.

	View	Delete	Update
Setup	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLUs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Advertising Messages	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extra Messages	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Coupons	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Store Name/Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Campaigns	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Keyboard Presets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nutrition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Images (SR-2000)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Figure 9. User Settings

### Price Zones.

Price Zones allow customers with multiple stores to price the same item differently based on location. If direct communication from the corporate office to in-store scales is possible then the Price Zone feature may be used. ScaleLink Pro is installed at the corporate office only. All scales are configured as detailed in section Scale Communications. All Departments are configured as detailed in section Departments above.

Complete the following three steps.

- Define the Price Zones. Select the SETUP menu, select PRICE ZONES, then select ADD. See figure 10.
- Enable Price Zones. Select the SETUP menu, select OPTIONS, then select the MULTI-STORE tab. Set ScaleLink Pro in "Head Office Mode". See figure 11.
- Define the Price Zone Fields that will vary for each zone. On the same MULTI-STORE tab select ADD to choose the PLU fields. Select Price and any other field as needed.

# ScaleLink Pro 3.2x Initial Installation & Setup

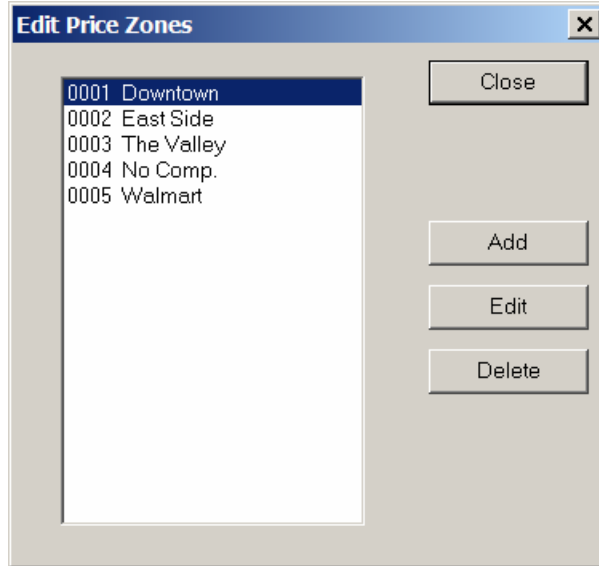


Figure 10. Price Zone Configuration

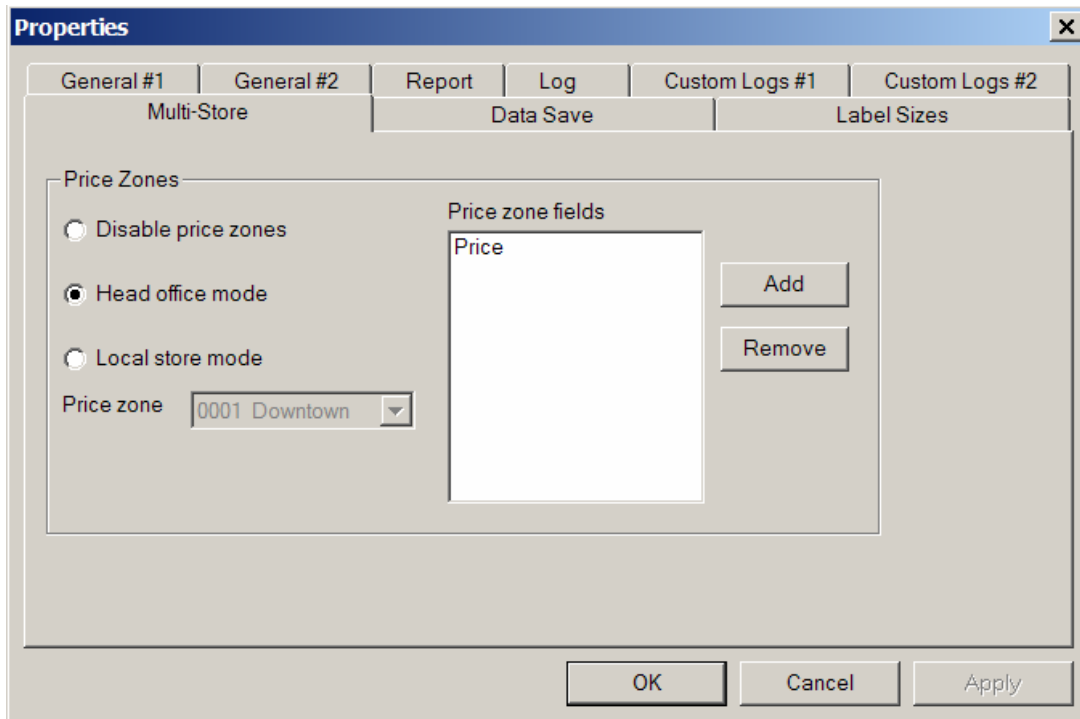


Figure 11. Head Office Mode Configuration

## ScaleLink Pro 3.2x Initial Installation & Setup

When Price Zones are enabled the Price Change and PLU Edit screens are modified to allow access to the values for each zone. See Figures 12 and 13.

Price Zone	Price
Default	12.99
Downtown	13.99
East Side	12.59
The Valley	12.99
No Comp.	14.99
Walmart	10.99

Figure 12. Price Change with Zones

*Price Zone field (Right click with mouse)	Price
00 Default	12.99
01 Downtown	13.99
02 East Side	12.59
03 The Valley	12.99
04 No Comp.	14.99
05 Walmart	10.99

Figure 13. PLU Edit with Price Zones - Right Click on Zone Fields for Dropdown Menu

### General and Site Setup Files

After ScaleLink has been configured the changes should be saved. Save both the General setup and Site setup. Select the SETUP menu, select SAVE GENERAL SETUP. Repeat for the Site setup: Select the SETUP menu, select SAVE SITE SETUP. Make a backup of these files on a separate PC or removable storage device.