

# iScale.

The world's best-selling solid-state,  
web-centric, multi-brand scale server.



It's just simple. Completely simple.

iScale™

# iScale is now saving money for over 2000 supermarkets internationally.

It's a completely-unique, self-configuring Internet appliance so smart in its application that no integration is necessary. No modifying of your existing network. No installation to your existing In Store Processor.

By eliminating scale pricing errors, it can save each of your stores thousands per day – in each department.



## Quick and easy installation

- plug it into your network hub and connect to your scales using Ethernet, wi-fi or ADC's range of modular serial connectors

## Solid state reliability

- works with no moving parts, no spinning hard drive, no cooling fan
- uses integrated protocol conversion electronics for fewer points of failure

## Multi-scale-brand management

- manages any mix of scales brands and models - different manufacturers, wireless, Ethernet and serial, even within the same store - no constraints
- automatically formats InterScale scale-neutral information to individual scales
- minimizes the need for static scale configuration with its auto sensing setup plug-and-play capability,

## Direct serving of satellite scales

- serves satellite scales directly via an SDLC add-on board
- replaces or dynamically mirrors your master scale
- offers unlimited capacity for PLU, ingredient and nutrition records,
- uses an on-board SQL database with HTML inquiry and reporting
- displays satellite scale status through web browser user interface

## No system integration

- HTTP or HTTPS connects to the central InterScale 'mother ship' web server for quick integration, via your Intranet or the Internet (HTTPS is the same secure, 128-bit encryption standard used by banks)

## Thin Server

- self-upgrading and updating
- retrieves program updates and synchronizes date-time from the central 'mother ship' web server automatically
- automatically retrieves previous configurations from the mother ship (in the event of iScale hardware replacement)

## Web-browser real-time management and feedback

- enables you to point your web-browser at the iScale box for a status check (and the status of all scales being served) from anywhere on your global network
- supports wireless hand held computers and personal data assistants
- runs a user interface on quarter-VGA hand-held web browsers without browser-specific extensions

## Fail-safe support and replacement

- provides a constant, 24/7 'spare in the air' program guaranteeing a replacement iScale server is quickly up-and-running with replacement by in-store staff (no service technician call needed)

## Rigorous closed-loop feedback

- notifies owners of change batches in advance of any scale-outages, for fast fixes

## Background scale price audits

- Can be auto-scheduled on a recurring basis

## Automatic retrieval of production totals for fresh food-management systems

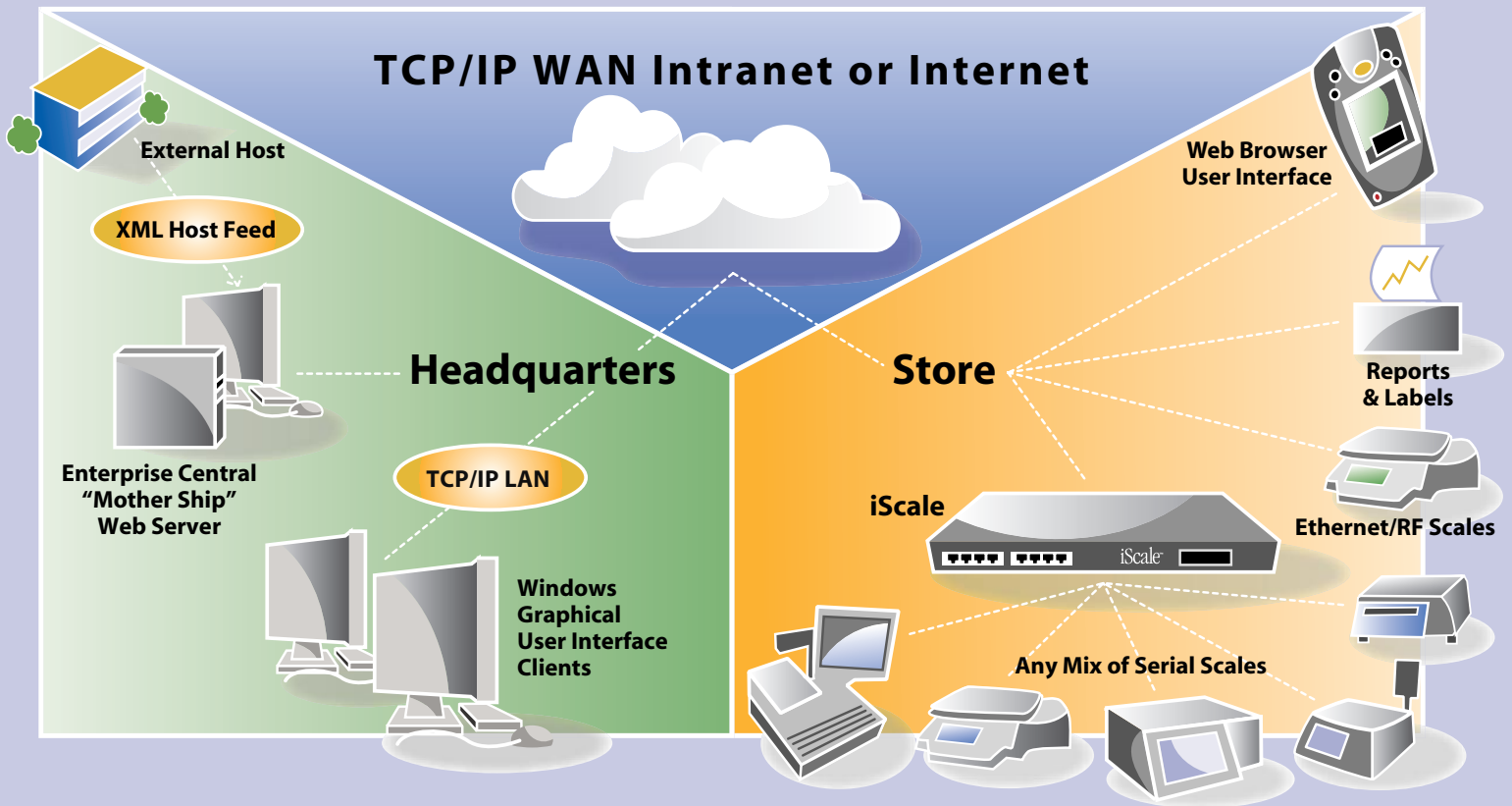
- uses ADC's P-Cubed system, among others

## Port Server Mode

- can be configured as a bi-directional Ethernet to serial bridging device allowing your ISP or central server to communicate with serial scales and label printers over your LAN or WAN.
- enables central computers to use distributed iScale serial ports as their own
- allows scales and label printers attached to your iScale's serial ports to transparently communicate with central or ISP based application programs



# iScale's Web-Centric Architecture



## About ADC

ADC was founded in 1989 by Retail I.T. Consultants with the mission to be the leading and highest quality provider of retail management solutions through the application of data communications technology. Mission successful and continuing to evolve. ADC's InterScale system has led the field as "the scales management software of choice" since 1995. iScale furthers this mission by encapsulating rock-solid InterScale software on a robust embedded hardware platform.

ADC is the leading independent scales management software developer in the industry. A privately held U.S. Corporation with offices in Tampa, Florida and Los Angeles, California, ADC provides scale management services for over 60 chains and 3500 stores in seven countries.

On a zoned basis and in-store, ADC's InterScale technology manages: scale item/PLU maintenance • price (regular and frequent shopper) • ingredients/recipe text • nutritional facts • label graphics • label formats • marquee, grade and action messages • categories, classes and reporting groups

ADC's introduction of the iScale server as an integrated scales management hardware solution solidifies our position as niche market leaders. iScale greatly reduces the effort of platform

integration, thereby allowing a faster ROI and more application functionality -- a synergistic step forward, yet still running the mature, proven, rock-solid InterScale software.

Considering scales management for the first time? Wrestling with installing or supporting scales management software on your own ISP machines? Looking for the next generation of web-based scales management technology?

Find out more about iScale, and how it can improve your business' scales' efficiency and pricing accuracy. Immediately saving you money.

ADC has performed store-pricing audits that identified thousands of dollars per department, per store, per day, that iScale can save.

Contact ADC to begin your lost money-identifying store pricing audits today.



# Hardware Specifications:

- CPU: On-board Pentium class processor
- Chipset: VIA 82C496G
- RAM: 72-pin SIMM socket with 16 or 32 MB DRAM
- Disk on Chip: solid state, 32MB or 64MB upgradeable to 1GB. MTBF 100+ years
- Serial ports:
  - Dual Port: One RJ45 serial port, protocol set by web browser or application software: 2 wire half duplex RS-485, 4 wire Full Duplex RS-485, RS-422, or RS-232. One RS-232 DB9 port with modem and flow control.
  - 10 Port: Eight RJ45 serial ports, protocol set by web browser or application software: 2 wire half duplex RS-485, 4 wire Full Duplex RS-485, RS-422, or RS-232. Two RS-232 DB9 ports with modem and flow control.
  - Optional RS-485 SDLC port allows the iScale to be a direct server to TNET satellite scales. Replaces or dynamically mirrors the TNET master scale
- Surge protection on serial ports for hazardous environments.
- Expansion Bus: PC104 stackable
- Display: 2 x 16 character Liquid Crystal Display indicates IP address, status and other messages
- Power management: APM 1.1 compliant power management
- Ethernet interface:
  - Wired: 10 Base-T Ethernet
  - Wireless: IEEE 802.11a/b/g or Symbol Spread Spectrum 24
  - SNMP compliant
  - Visual status of network connectivity through LEDs.
- Optional PCMCIA Slot: Single or double type I/II/III.
- Complies with PCMCIA v2.10 and JEIDA V4.1
- Power Supply: 110 - 240V AC 40 - 50 Hz voltage sensing (worldwide)
- Size:
  - Dual Port: 7" x 7" x 1.75"
  - 10 Port: 17" x 8" x 1.75"
- Provided with either large or small 'ears' for standard 19" rack or wall mounting.
- Validation: FCC, UL and CE approval pending.

(Specifications are subject to change without notice)

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APPLIED DATA COMMUNICATIONS