



# SHARP Module to Bale Tracking System for Cotton

## Product Profile

“Scale-based Cotton Gin Processing & Tracking”

Track Modules and Bales with Speed and Accuracy

Supports Existing Scales

Module Receiving Interface

Bale Scale Interface

Seed Scale Interface

Supports existing Module and Bale Barcode Tag formats

Supports Handheld or Fixed Mount Barcode Scanners

Supports RFID Module Tags

Wired or Wireless Ethernet Connectivity

Interface Scales or Printers to Remote Data Center

Networked CCD camera pictures can be stored with Bale data.

Automatic E-Mail Receipt Notifications



## SHARP cotton bale tracking system

The **SHARP** System provides the most streamlined method available to get accurate Bale weights into existing management systems such as **E-Cotton**.

The system provides enhanced truck scale support. **SHARP** allows the use of your existing Module, Seed, and Bale scales to accurately capture the weight of Cotton being processed by the Gin.

By automating the data capture portion of the receiving process, data management is faster, more accurate, and more reliable.

Data input is streamlined using Barcode, and or **RFID** technologies. **SHARP** supports the use of Scale Indicators from most major scale manufacturers.

**SHARP** has a comprehensive set of reporting features.

**SHARP** also provides data export features to accounting packages that support ODBC. The system also interfaces seamlessly with E-Cotton, as well as other PC and Mainframe computer applications that have ODBC data file compatibility.

Delivery notifications can be e-mailed to growers, or can be made to be “securely” viewable via the internet.

The system operates in a networked environment over LAN / WAN / Wireless networks for a fully integrated solution.

For a more complete features list and product specifications please visit [www.tswa.com/sharp](http://www.tswa.com/sharp).

SHARP

**SHARP Software and Hardware Specifications**

**Software Specifications**

Supports Windows XP/7/8/10

**Scale Support**

NTEP legal for trade scale w/ continuous Serial Output

**Scale User Interface**

1.6"H x 3.2"W electroluminescent dot graphic display (160 x 80) dot layout) Simultaneously displays 0.6" high readings of Bale weight, and Bale Tag Number

**Scale Operating System**

Event driven functionality triggered by actions such as scanning of Bale Tag, pressing a function key, or reading a Module Tag via RFID

**Network Support**

Windows Network ready. Transaction data can be stored anywhere on the company wide network. Weight data is retrieved from the Scales in the Gin, using industry standard Wi-Fi IEEE 802.11b components.

**Compatibility and Data Storage**

E-Cotton, CSV, Fixed Record Length, SQL Server, DB2, Oracle, Sybase, Access, dBase, Paradox, FoxPro, Excel, and other ODBC compliant databases

**Security**

Five level user password system. Tracks and records all user actions in system log files

**Transaction Speed**

Performs weighment and data store in as little as 5 seconds. Bale Weight record is immediately available monitoring and reporting.

**Barcode Specification**

Code 39, Extended Code 39, Codabar, Code 128, Code 11, Code 93, EAN-13, EAN-14, UCC/EAN-128, I 2 of 5, UPC, PDF, and other standard formats

**Online Help**

Comprehensive online help with lookup index

**Hardware Specifications**

**Computer Requirement**

Windows XP/7/8/10 PC w/ Network Connectivity

**Computer Location**

Local Server (Distributed) or Corporate Server (Centralized)

**Scale**

Industry Standard scales w/ Rs232 Serial or Ethernet connection

**Communication**

Ethernet, RF 802.11a/b or RS-232,

**Network**

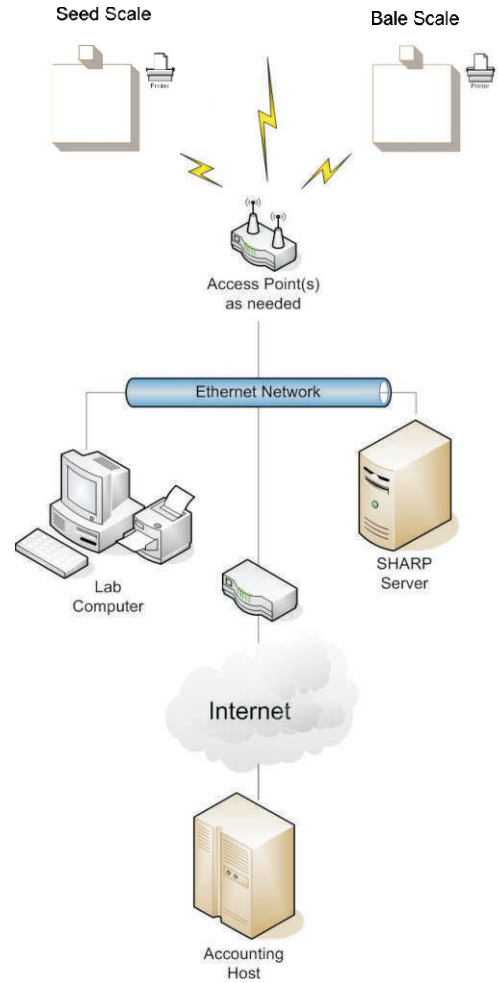
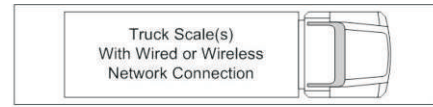
Ethernet and Industry standard Wi-Fi IEEE 802.11a/b components

**Scanner**

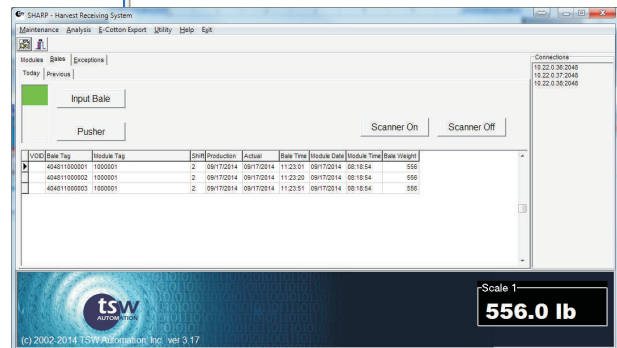
Supports most RS-232 decoded output scanners

**Support**

90 days included, annual contracts available



VOID	Serial #	Bale Tag	Module Tag	Bale Date	Bale Time	Seed Date	Seed Time	Module Date	Module Time	Bale Weight	Seed Weight
0	321654987854	852147	09042007	14:05:33	09042007	12:48:09	09042007	12:46:33	502	10	
1	741258963147	852147	09042007	14:18:49	09042007	13:06:47	09042007	12:46:33	511	9	
2	78598528451	852147	09042007	14:19:26	09042007	13:45:53	09042007	12:46:33	507	11.5	
3	852147963258	852147	09042007	14:19:51	09042007	13:47:46	09042007	12:46:33	497	9.2	
4	456789321025	852147	09042007	14:20:23	09042007	13:40:25	09042007	12:46:33	508	8.5	



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