**National Conference on Weights and Measures**
15245 Shady Grove Road, Suite 130 • Rockville, MD 20850



# *National Type Evaluation Program*
## *Certificate of Conformance for Weighing and Measuring Devices*

**For:**
Weigh-In/Weigh-Out System
Scale Management Software
Model: UniWin

**Submitted by:**
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## Standard Features and Options

Motion detection, overload, and other primary weight indications, which are provided by the NTEP Certified weight indicator
Stored tare weight functionality in both operator/manned and unmanned systems
Multiple scale-indicator capability with scale ID
Vehicle, customer, product, and other user-defined ID's
Ticket printing system
Units: lb and kg

**Model:** UniWin
**Software Version:** 3.0/1.0.1.0 (or higher)

**Minimum System Requirements:**
Computer display
Alphanumeric keyboard or touch screen
Hardware: Industrial/Desktop or Laptop PC
Operating System: Windows 2000/XP/Vista (or higher)

*Note: This system also performs other accounting and record keeping functions that have no metrological effect on the weighing operation.

This device was evaluated under the National Type Evaluation Program (NTEP) and was found to comply with the applicable technical requirements of Handbook 44, "Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Judith L. Cardin
Chair, NCWM, Inc.

Don Onwiler
Chairman, National Type Evaluation Program Committee

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**Infotech Logistics B.V.**
**Weigh-In/Weigh-Out System**
**Model: UniWin**

**Application:** A scale management system for use in a Weigh-In/Weigh-Out System when attached to a certified and compatible indicating and weighing/load-receiving element.

**Identification:** The required information such as NTEP Certificate of Conformance Number, Manufacturer, Model and Version is displayed on the Help/About Screen that can be accessed from the Main Screen. The capacity by division statement and all other marking requirements are located on the indicating element.

**Sealing:** The Scale management system is unable to affect the metrological characteristics of the Weighing and Indicating Elements. Provisions for sealing metrological parameters are provided by the NTEP Certified and compatible weighing and indicating elements.

**Test Conditions:** The emphasis of the evaluation was on the performance of the software based device, its interaction with the weighing system and the information printed on the weight ticket. The requirements for a weigh-in/weigh-out device along with other applicable requirements from NTEP Publication 14 were used as a guideline. The UniWin software was installed on two desk top PC's, which were linked via a LAN. One PC was connected to three scale indicators that had load cell simulators for this evaluation, while the second PC retrieved its weight value via TCP/IP from the first PC. The three indicators were an Avery Weigh-Tronix 1310 (NTEP CC 01-033) via RS-232, an Avery Weigh-Tronix WI-130 (NTEP CC 95-008) via RS-232, and a Mettler-Toledo JagXtreme (NTEP CC 94-096) via TCP/IP. A third PC had UniScreen installed to demonstrate unmanned use. Transactions on UniScreen were initiated with the use of a Barcode-Scanner. Several weigh-in/weigh-out transactions (manned and unmanned) were completed.

**Evaluated By:** J Morrison (OH)

**Type Evaluation Criteria Used**: NCWM Publication 14, 2007 Edition; NIST Handbook 44, 2007 Edition

**Conclusion:** The results of the evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

**Information Reviewed By:** S. Patoray (NCWM), L. Bernetich (NCWM)

**Example of UniWin:**