PIONEER® Systems

Kanawha Scales & Systems ®

A Division of American Equipment Holdings

LIFT TRUCK DATA MANAGEMENT SYSTEM
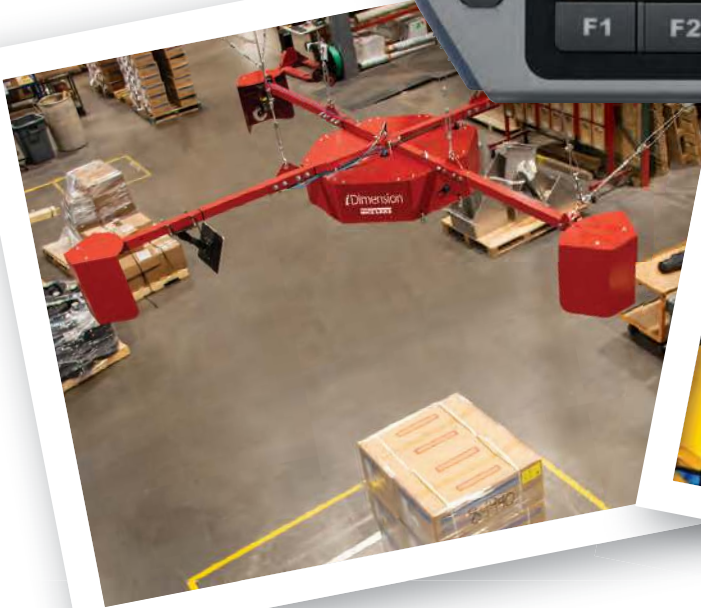
pioneer®

Leading the *Weigh* Forward!

*The KSS **PIONEER**® data terminal, software and weighing equipment offers the reliability, accuracy and durability that modern material handling companies demand for their operations. The KSS **PIONEER**® captures and transmits real-time data from lift truck scales, allowing customers to attain efficient integration of weighing and data management.*

Highlights and Benefits:
- Accurate weighing
- Decreased incidents as operators stay on the lift truck to perform reweighing and dimensioning
- Increased profits through proper freight classification
- Wireless communication and data collection
- Cost savings via efficient equipment & operator utilization
- NTEP/certified legal for trade (CC15-091A1)
- 1 year limited warranty

PIONEER® Industry Sectors:
- LTL carriers
- Freight terminals
- Warehouses
- Recycling centers
- Grocers
- Shippers & more

KSS *PIONEER*® Device Features:
- 7" LCD touchscreen
- 5 programmable hot keys
- Windows 10 IoT Enterprise
- RF functions: WLAN/Bluetooth
- 9-36 VDC power (48V optional)
- Integrated barcode scanner
- Fanless and ruggedized aluminum housing
- Intelligent vehicle power management system supports ignition on/off/delay functions, wake-up event control, and system monitoring and diagnostics

KSS *PIONEER*® Reweigh Software:
KSS PIONEER® Reweigh Software is utilized by the operator to perform many functions:
- Enter operator ID
- Scan pro numbers
- Display unit ID and serial numbers
- Maintain and wirelessly transmit records to KSS *RELAY* Software
- Calibration verifications
- Remotely integrates with dimensioners
- Cross dock software integration capabilities
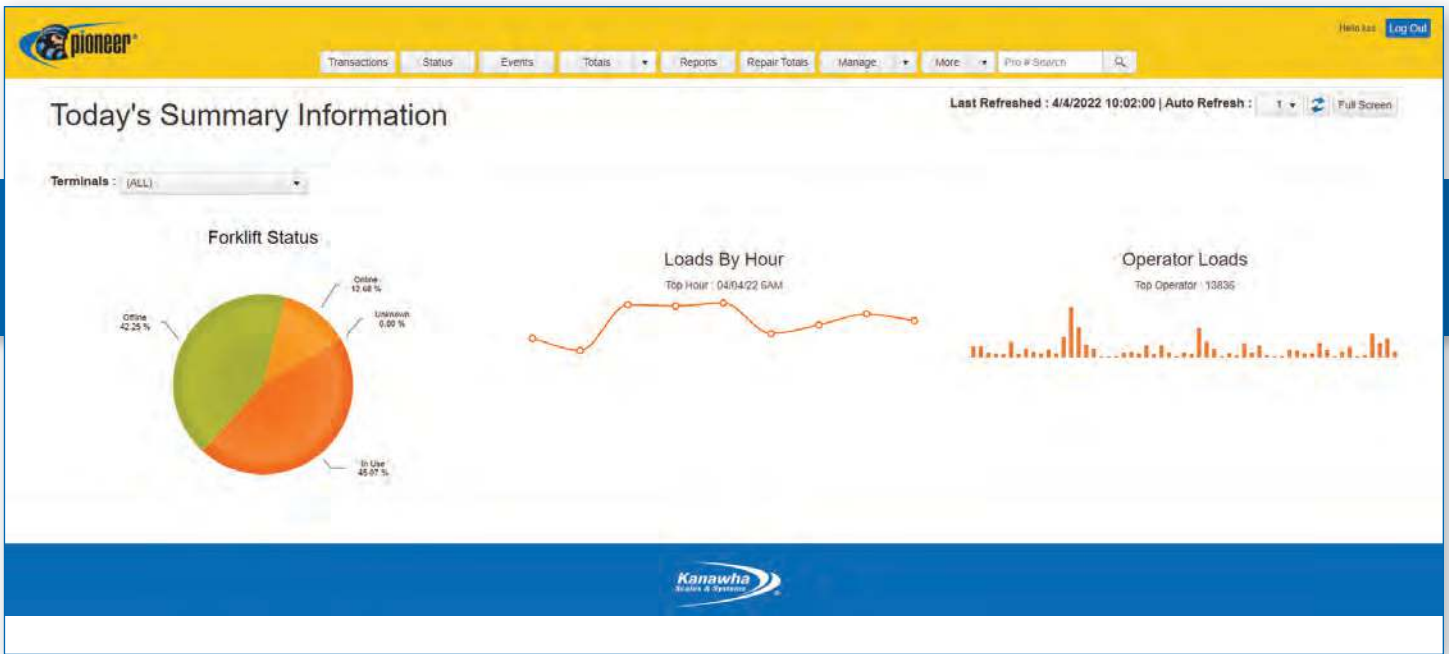
KSS *RELAY* Software:
RELAY is a web based platform that serves as a centralized data collection point for all deployed Pioneer® units.
- Information is stored in a SQL server database
- Enter operator ID
- Scan pro numbers
- Display unit ID and serial numbers
- Maintain and wirelessly transmit records to KSS *RELAY* Software
- Calibration verifications
- Remotely integrates with dimensioners
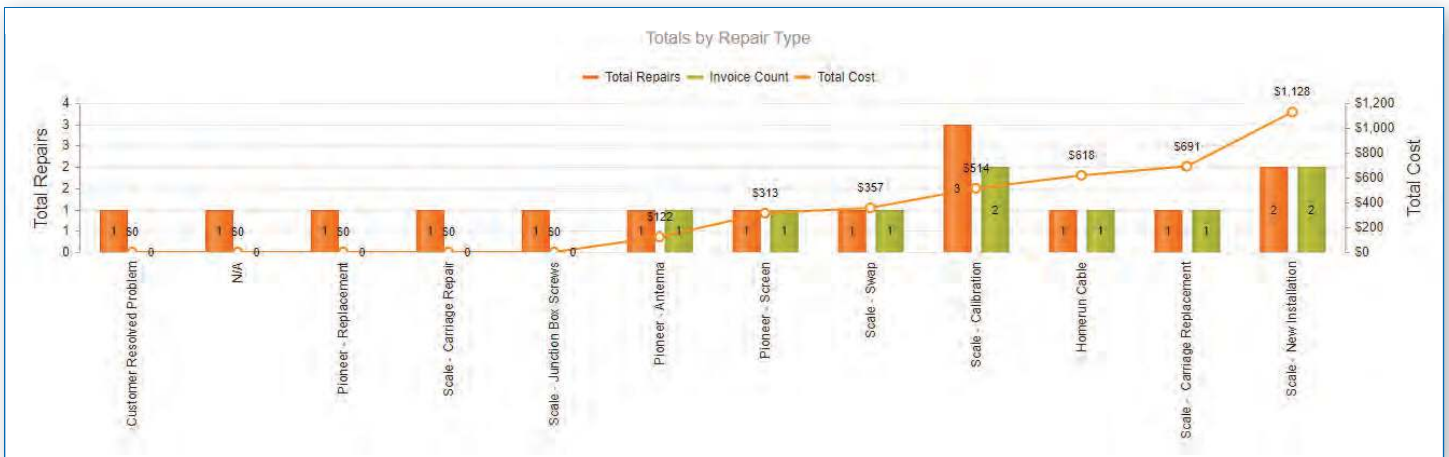- Cross dock software integration capabilities

NATIONAL CONFERENCE ON WEIGHTS AND MEASURES
NTEP

NTEP CC15-091A1

Today's Summary Information

Terminals : (ALL)

Forklift Status
Online 12.48 %
Unknown 0.00 %
Offline 42.25 %
In Use 45.07 %

Loads By Hour
Top Hour : 04/04/22 6AM

Operator Loads
Top Operator : 13836

Users can customize reporting dashboards to provide the data important to them.

Totals by Repair Type
— Total Repairs — Invoice Count — Total Cost

- KPI Dashboards provide quick access to station and operator efficiencies
- Usage statistics for lifts and operators
- Manage terminals and software versions
- Web Service API to download records for interfacing with back end systems
- Web Service API to upload employee information for login verification
- See which lifts are online/offline/out of service
- Determine which operators are logged in
- See usage statistics for lifts
- See scale problems for any lifts
- Compare and trend productivity between operators

KANAWHA SCALES & SYSTEMS *provides completely custom weighing & dimensioning solutions, data management software, and support for the LTL industry nationwide. Our solutions for LTL carriers are built to seamlessly integrate with backend systems, your facility, existing best practices, hardware needs, business requirements, and more.*

Pioneer® provides instructions to hostlers and lift truck operators for assignments and movements that are accepted, acted upon, and updated back to the system. For this application, no keyboard functionality is available, yet the design allows for data entry and capture with a minimal amount of user interaction. Dock supervisors can easily prioritize movements based on real-time needs and demands.

A dimensioner removes the potential for human error when taking measurements. The tedious labor of manually determining dimensions is eliminated because a dimensioner can accurately capture freight dimensions in seconds.

Custom applications for dock supervisors are designed to run on a tablet to communicate with RELAY and back office systems, providing mobility and the ability to have their eyes on the dock, operators, and freight, empowering them to quickly solve problems and efficiently respond to needed changes. These applications provide supervisors with unit real-time statuses, deployment updates, employee schedule/status, and more.

KANAWHA SCALES & SYSTEMS provides completely custom weighing and dimensioning solutions, data management software, and support for the LTL industry nationwide. Our solutions for LTL carriers are built to seamlessly integrate with backend systems, your facility, existing best practices, hardware needs, business requirements, and more. Here's an example of a custom Pioneer® based LTL data management system:

A custom yard management system integrates with the Pioneer® system to provide instructions to hostlers for assignments and movements that are accepted, acted upon, and updated back to the system. Dock supervisors can easily prioritize movements based on real-time needs and demands.

A Customer Success Story

An award-winning, multi-regional transportation solutions provider offering less-than-truckload, truckload, and dedicated contract carriage, depends on their custom-built Pioneer® system with yard management, cross-docking, and supervisor applications, to streamline processes for the efficient integration of weighing and data management in its LTL operation. Our customer started with Pioneer® data terminals, forklift scales, dimensioners, and our proprietary forklift software, however, they asked our team for much more than that, and we delivered.

Pioneer® data terminals on lift trucks provide operators with assignments and vital information, then capture pro numbers, weight, dimensions, and operator input and transmits real-time data to yard management and cross docking systems. Operators do not need get off their lifts to complete freight movements, as all movement and weight information is conveyed, obtained, and relayed via Pioneer®. Communication with individual Pioneer® units is done via the Cloud. KSS RELAY software allows lift records to be filtered, sorted, grouped, and exported for extensive data mining and statistical analysis. KSS RELAY provides supervisors and corporate personnel with real-time information.

An application for dock supervisors is used to communicate over Wi-Fi, giving supervisors mobility and visibility on the dock, operators, and freight, empowering them to quickly solve problems and efficiently respond to needed changes. This application provides supervisors with unit real-time statuses, deployment updates, employee schedule/status, and more.

A fully integrated cross dock application functions on the Pioneer® device to provide complete visibility and traceability of freight throughout its entire transit process. The user interface allows the capture of key data metrics each time a freight movement occurs. This application ensures dock workers have access to real-time info while also providing in-depth movement info as freight flows from inbound trailer, to dock floor, to outbound trailer.

In addition to LTL Logistics Software Solutions capabilities, Kanawha Scales & Systems provides major corporations with nationwide service for repairs, maintenance and scale calibrations.

"OUR CUSTOMER STARTED WITH PIONEER® DATA TERMINALS, FORKLIFT SCALES, DIMENSIONERS, AND OUR PROPRIETARY FORKLIFT SOFTWARE, HOWEVER, THEY ASKED OUR TEAM FOR MUCH MORE THAN THAT, AND WE DELIVERED."

"*As a total solutions provider, Kanawha Scales & Systems has an unbeatable combination of experience, knowledge, and commitment to success.*"

NATIONWIDE SERVICE PROVIDER NETWORK
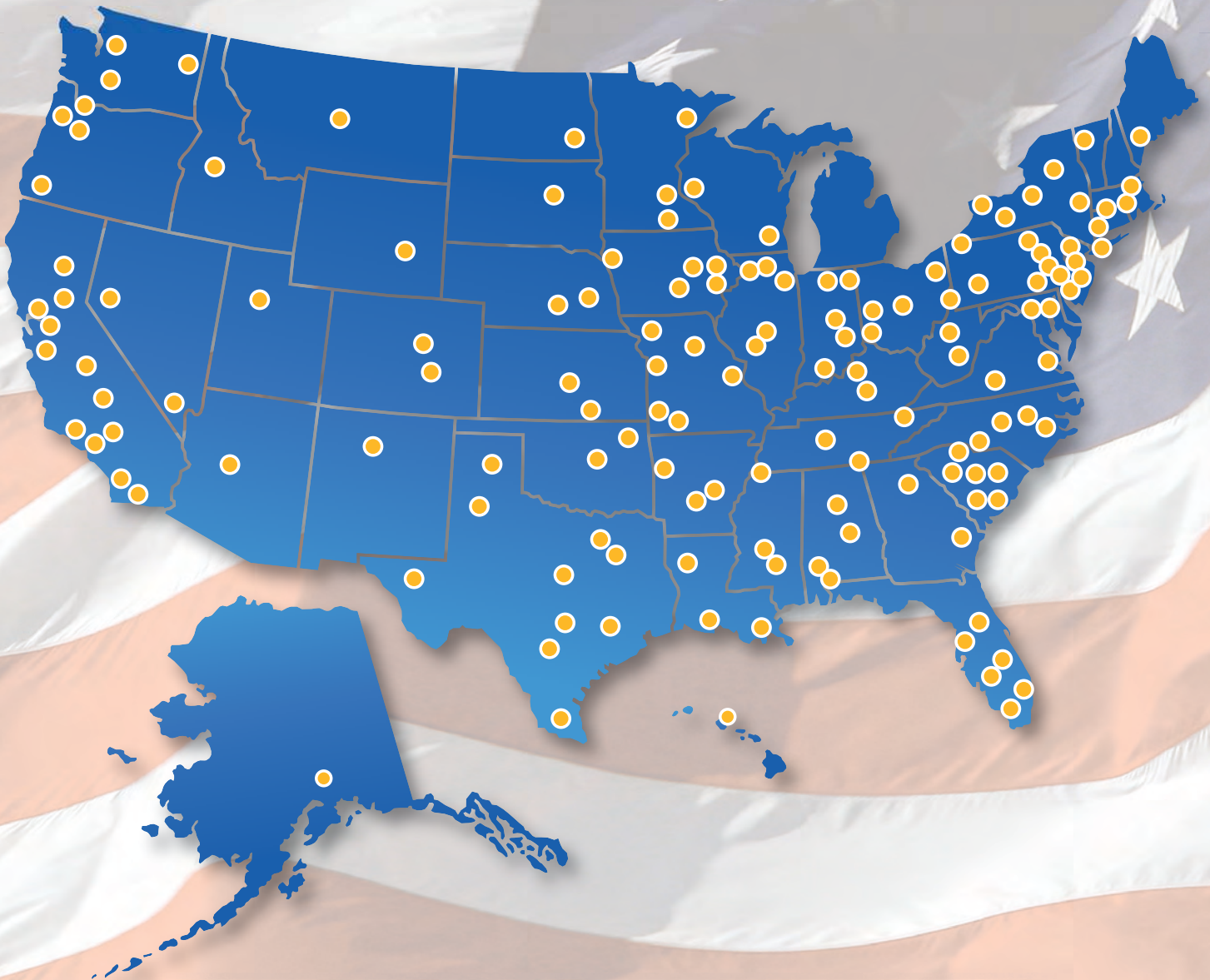
SERVICE LIKE NO OTHER
We Provide More Than Equipment — We Provide Solutions.