WinVRS-TOUCH
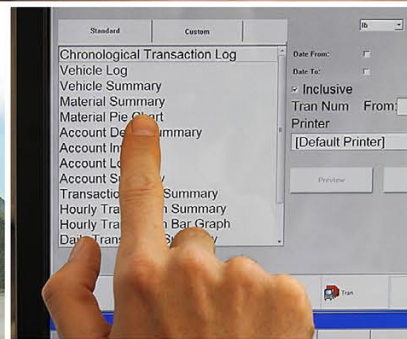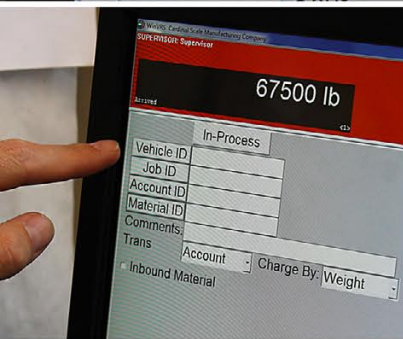
CASE STUDY: WinVRS-TOUCH Optimizes Efficiency for Rock Quarry

Touch-Screen Vehicle Recording System Offers User-Friendly Data Collection for Vehicle Weighing

White River Materials (Cord, AR) has seen their business grow by over 530% since 2002 with truck weighing transactions currently occurring every five minutes on average all day long. This busy shale rock quarry is a division of Atlas Asphalt, Inc. and they have been servicing central and northeast Arkansas with driveway and road base materials, concrete aggregate, and asphalt aggregate since 1968, providing materials for general contractors, homebuilders, municipalities, and other commercial clients.

Their specific location in Cord, AR was selected due to the abundance of shale in the area along with its close proximity to a new highway expansion project which made the site convenient for transporting material to many different locations.

White River Materials initially had a system in place for their truck scale operation that only allowed 200 ID's for trucks, and they had to write all the IDs down on a legal pad along with the tare weights and associated company. Once the customer's truck was on the scale, the scale operator had to dig through sheets of paper, key the appropriate numbers into the indicator, hand write the job ticket on 3-part forms, subtract the gross and tare weights by calculator, add up the daily net tons of every job material for each respective driver as well as cumulative net tons for job material, and then have the driver sign the ticket. Needless to say, this was a less-than-ideal scenario for an efficient workflow that was time consuming. Additionally, if they were to lose a ticket, they had to manually write out a

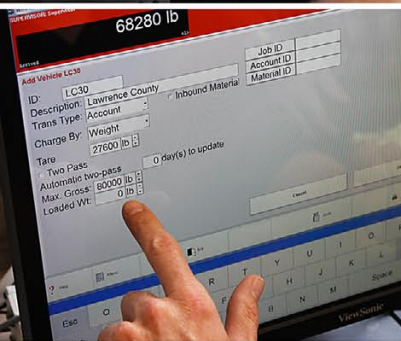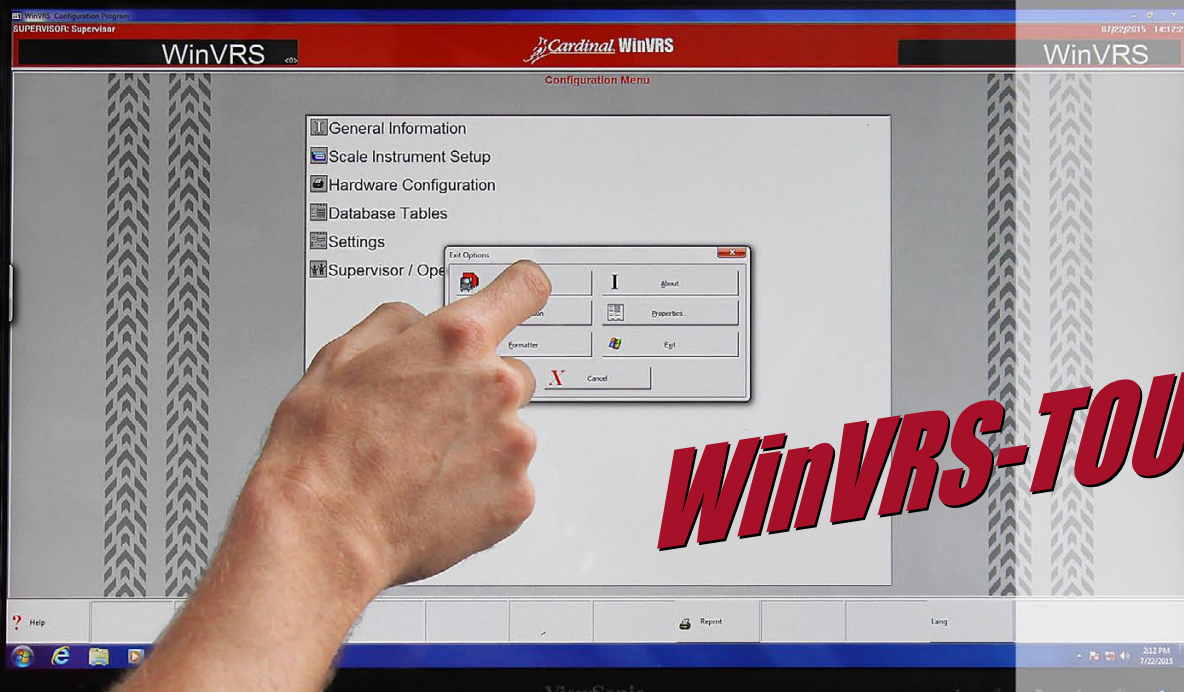new one. At the end of each day, all of the printed tickets were then delivered to the main office.

Cardinal Scale Manufacturing Co. dealer Industrial Scale (Jonesboro, AR) implemented WinVRS-TOUCH vehicle recording system for White River Materials that has greatly increased the scale house's efficiency and completely revolutionized their truck scale operation on a daily basis. Daily business is now much easier for this privately-held small business with WinVRS-TOUCH in place for their truck weighing. The USA-made software utilizes an Access database to store all of the vehicles, materials, jobs, and account IDs for every customer, and they now have an unlimited number of IDs. Profiles are easily built for every ID, with a stored tare weight for every vehicle.

The customer requested WinVRS-TOUCH technology because they required faster weight transactions in order to provide better service for their customers due to the large volume of trucks arriving from many different counties making it difficult to track the data manually.

Continued on next page

Cardinal ®
www.CardinalScale.com

WinVRS-TOUCH

CASE STUDY Continued
WinVRS-TOUCH Optimizes Efficiency for Rock Quarry

Cardinal®
www.CardinalScale.com

The company also wanted to add material, job number, and additional recordkeeping functions to store the information.

WinVRS-TOUCH was specifically selected because of its large user-friendly interface with touch-screen technology that makes transactions easier to key in for the operator and less time consuming. The customer liked the large, easily-identifiable buttons to push and the fact that they can run reports on weights and materials sold whenever needed. The large 26-inch, touch-screen monitor also allows the operator to keep their eyes up and in the same viewing angle as the scale house window, so they can provide better customer service interacting with the truck drivers. A Cardinal Scale model 205 weight indicator is connected to their truck scale which outputs weight data to the WinVRS-TOUCH touch-screen computer.

Upon startup, WinVRS-TOUCH users typically create a master list of materials to begin. Under the material ID profile, you can set a price for the material to charge your customer. The job IDs are created and will incorporate materials already set up from the master list. This way, users can keep track of the materials used for every job. Tickets can be created that have the daily net tons of each job material for every driver along with cumulative net tons. The account ID's profile consists of contact information for that customer and whether or not they should be tax exempt for billing purposes.

At the time of the transaction when a vehicle is on the scale, the operator simply enters the ID of the truck, and if they had previously associated any other IDs they will auto fill on the transaction screen. WinVRS-TOUCH automatically calculates the gross, tare, and net weights of the vehicle load as well as any accumulators that might be needed on the job ticket. The software calculates the price of the material accordingly and applies tax, if needed. Once the operator has confirmed all of the data on the screen, they then select "OK" and print a predefined ticket, also created in the software. The transaction is stored in the database, and if a ticket gets lost, reprinting a new one is just a keystroke away. At the end of a business day, the user can select a number of different reports that reflect overall site activity.

In the future, White River Materials may additionally upgrade their system in order to send transaction data more efficiently to their corporate office every night. Cardinal Scale offers several different ways WinVRS can be utilized to assist with this data transfer. The office site license (WinVRS-OFFSLSW) allows their corporate office to e-mail, transfer files via USB drive, or remote into the main WinVRS-TOUCH PC. This allows the customer to export/import daily transactions, run reports, and reduce data entry for the corporate office down to very little time necessary. Additionally, WinVRS-ACT interfaces with accounting software for QuickBooks integration. The corporate office could export/import daily transactions into their invoicing software for even less data entry.