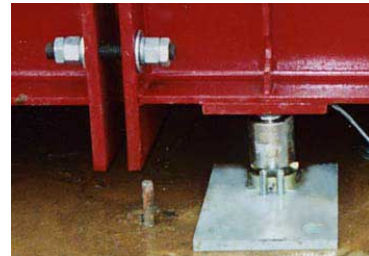




# Application Solutions

## Weight Application #1



Ensuring the proper weight in the transportation business is essential. Overloaded trucks can prove costly – both in heavy fines and the resulting delays from materials not arriving at the jobsite on time. Easily configure the new PAX2S to display material weight as it is loaded into the truck. Load cells placed under the weighing scale provide the sensor signal to the meter. Using this input, the PAX2S can show the loader exactly how much material is in the truck. The color changing display can also provide an indication of when the maximum load capability of the truck is imminent. In addition, the communications capability of the PAX2S can bring value into a management system for permanent record keeping of all outbound traffic.

## Weight Application #2



Many food-processing plants use batch products to make items such as peanut butter. In this case, the recipe calls for a certain amount of each ingredient, much like making a cake at home. Instead of a pinch of this and a dash of that, ingredients are added by the pound. The two-line display of the PAX2S is perfect for this application. The top line can display the actual ingredient weight being added and the bottom line can show the total weight currently in the vessel. With programmed setpoints, the display color change feature can alert an operator of nearing the appropriate amount of weight for a particular ingredient. Using the communications feature, each ingredient, as well as the overall weight, can be logged for future tracking and quality control purposes.

## Weight Application #3



Material storage cannot always be easily measured using the flow into a storage tank. In these situations, it is easy to use a load cell to determine the weight of the material in the tank. Tracking the weight will allow the user to know how much material is contained within the tank. The PAX2S can provide the perfect solution for this application. Using the setpoint option in the PAX2S, the material flow to the tank can be regulated to ensure it does not exceed the capacity of the tank. The first output can slow the material and the second output can stop it; thus obtaining maximum storage capacity without risking an overflow situation, which would cost time and money to clean. Using the communications capability, the management system has the ability to look at all of the available tanks and find the appropriate tank for the incoming material.