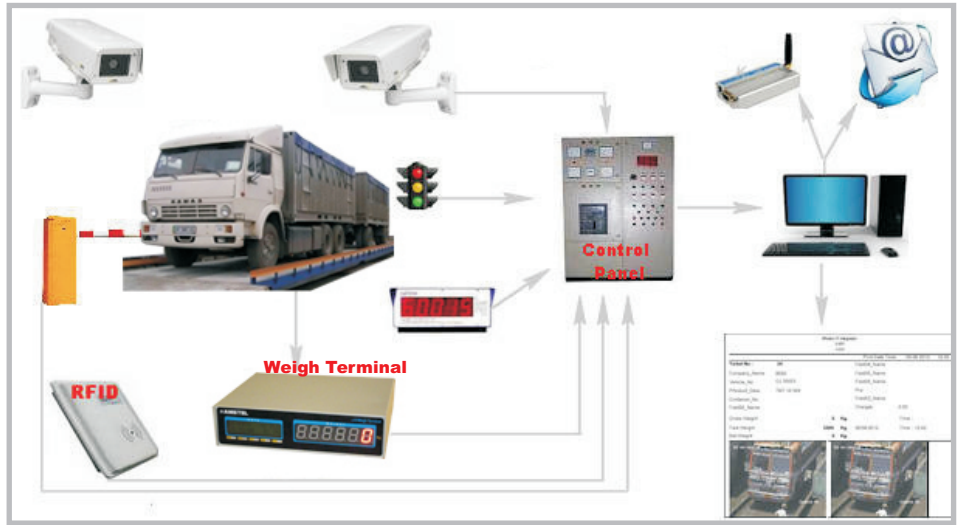# Unmanned Electronic Weighbridge System

The Unmanned Electronic Weighbridge System is a stand alone system which allows 24 hours 7 days a week weighing operations without the need of operator. Due to the system's easy interface it is totally operated by the truck driver. Moreover **AMSTEL** custom designs the system to suit the specific requirements of your operations.

**AMSTEL** provides a two way weighment system for the weighbridge. This means the vehicle can enter from both side for weighment. We can pre-fix a specific weighbridge for weighment and if the driver uses another weighbridge, the system will not allow weighment.

**System suitable for :**

✦ Quarries

✦ Mining Industry

✦ Steel Industry

✦ Cement Industry etc.

✦ Sugar Industry

✦ Landfills

✦ Waste Recycling

✦ Agriculture

✦ Asphalt plants



Automated Electronic Weighbridge System - Weigh Soft is a intelligent solution that turns your weighbridge to a simple unattended terminal, eliminating the need of weighbridge operator. The system can be customized with many add-ons like camera plate recognition, surveillance cameras, traffic barriers, traffic lights, etc. This innovative weighing application developed by **AMSTEL** is suitable for waste recycling plants, biomass to energy plants, oil and gas stations, cement plants etc.

**System will Integrate with :**

✦ Vehicle position system

✦ CCTV camera & photo capture

✦ Barrier security system

✦ Instruction announcement

✦ Integration with SAP, Oracle, ERP

✦ RFID integration

✦ Barcode integration

✦ PLC based iIntelligent indicator

✦ Traffic light indication

✦ Photo sensor based system

**Advantages :**

✦ Removes the need for weighbridge operators

✦ Cut operating costs with a fully automated vehicle weighing solution

✦ Fast throughput for busy weighbridges

✦ Fully integratable solution into you back office systems

✦ Automatic identification of truck or trailer

✦ Same radio card can be used by the driver for gross and  tare at weighbridge

**Key Features :**

✦ Unmanned weighbridge software.

✦ Robust and weather-proof cabinet for added protection.

✦ CCTV camera support facility.

✦ Data accuracy with pre-programmed vehicle data using RFID card readers or touch panel with user friendly interface.

✦ Improved facility control and security with traffic barriers, traffic lights, surveillance cameras etc

✦ Weighing data management software interacting with **AMSTEL** Weigh Terminal provide instant access to critical business information such us operational analysis, billing and inventory control .

✦ Weigh Terminal with RFID card reader for accurate and quick data input.

✦ Detection of  loops or photocells  -  to automatically detect vehicles and transfer of details.

✦ Traffic lights  - for safe operation.

✦ Exit & entry barriers  - for security and arranging vehicle traffic.

✦ Vehicle plate recognition  - for clear identification of vehicles and loads.

✦ Surveillance cameras  - for increased security

**AMSTEL**