

Redundant Weighing Terminal-RT-978

- *SAVIOR*



Introduction

- **Over view**
- **Basics of redundancy**
- **Main Features**
- **Benefits to customer**

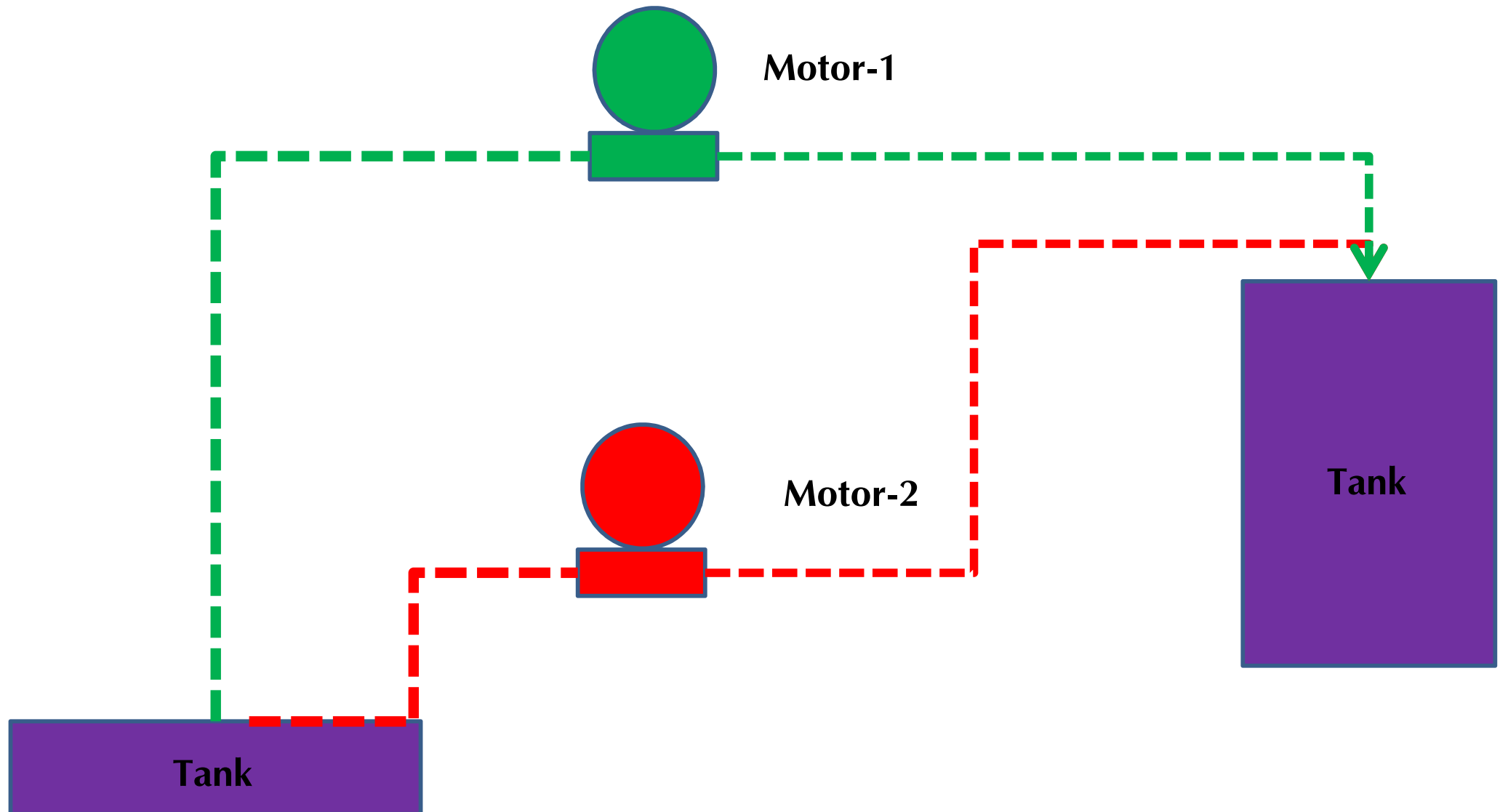
Overview

- **Redundant system gives 100% uptime for the normal weighing operations**
- **Two identical weighing system (two channels) reduces the chances of failure**
- **Gives the alert/lead time to the service team for repair /service in case of one channel failure (without disturbing the weighing operations)**
- **Optional SMS alert has been included for more reliable operations**

Basics Of Redundancy

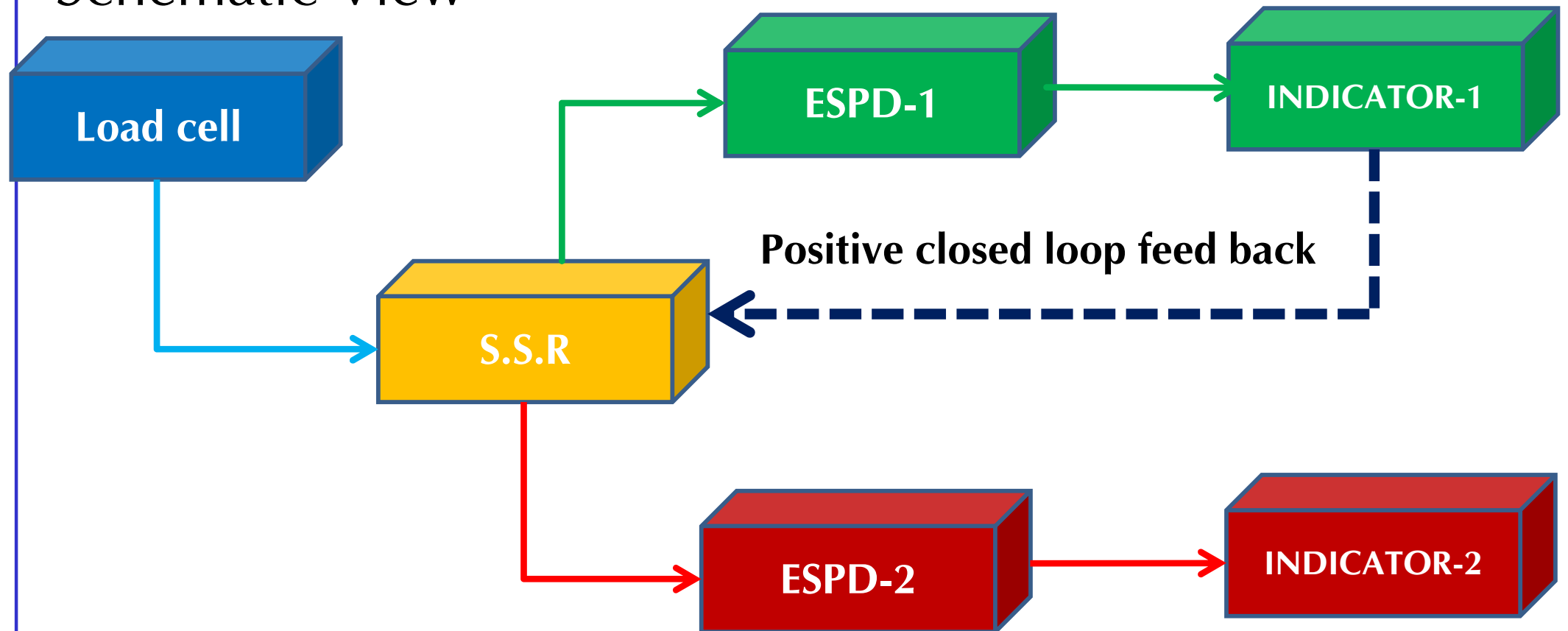
- **Redundancy is the duplication of critical components of a system with an intention of increasing reliability of the system**
- **U.P.S is an example of redundancy**
- **Parallel Pumping station is another example**

Basics Of Redundancy



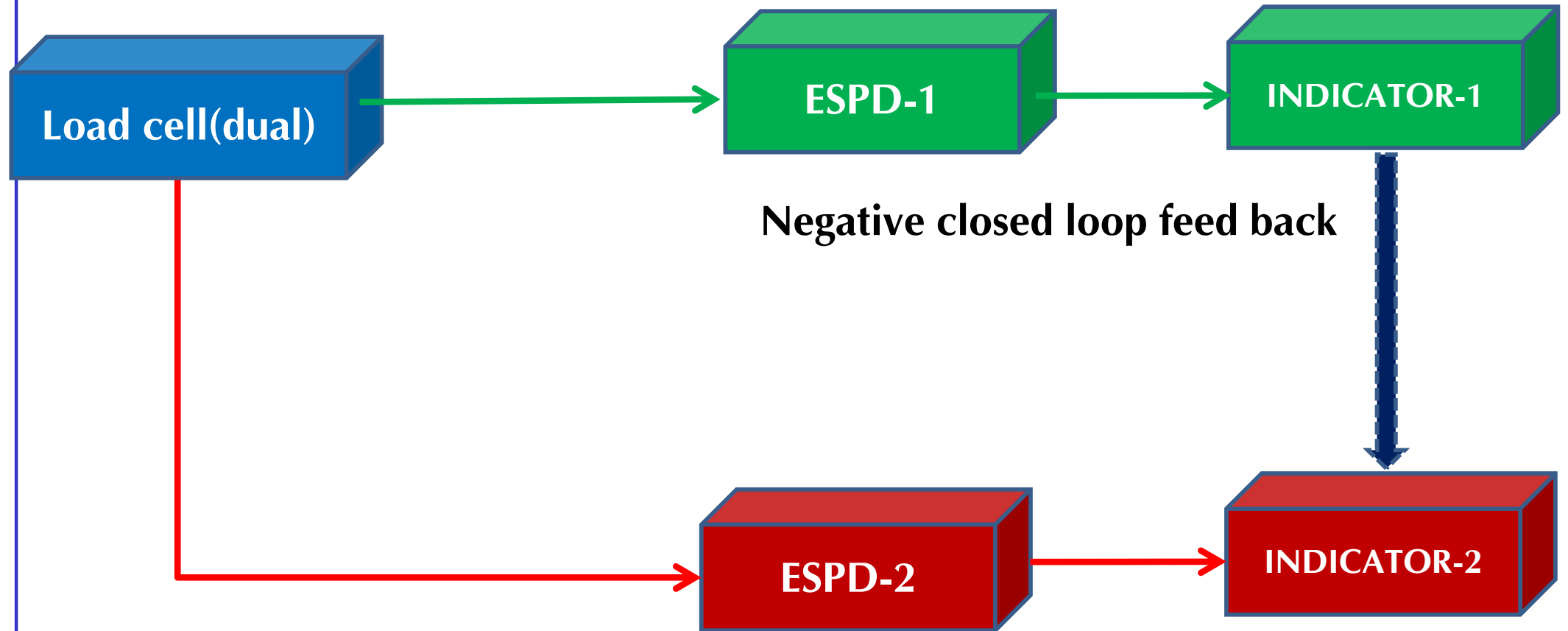
Basics Of Redundancy

Schematic View



With Redundant load cell

Schematic View



Main Features

- **All Stainless Steel Rugged Enclosure.**
- **Houses dual indicators ,dual junction boxes, controller card ,SMS unit(optional)which will prevent unauthorized access to the junction box/indicator for weight adjustment and tampering**
- **Warm redundant system automatically switches in case of failure within 12 seconds.**

Main Features

- **Auto change back to Master channel after repair/reset of master section.**
- **Self diagnostic run of each channel on “power on” every time.**
- **Status indicating LED’s for running, standby and fail to indicate the status of each channel of Terminal.**

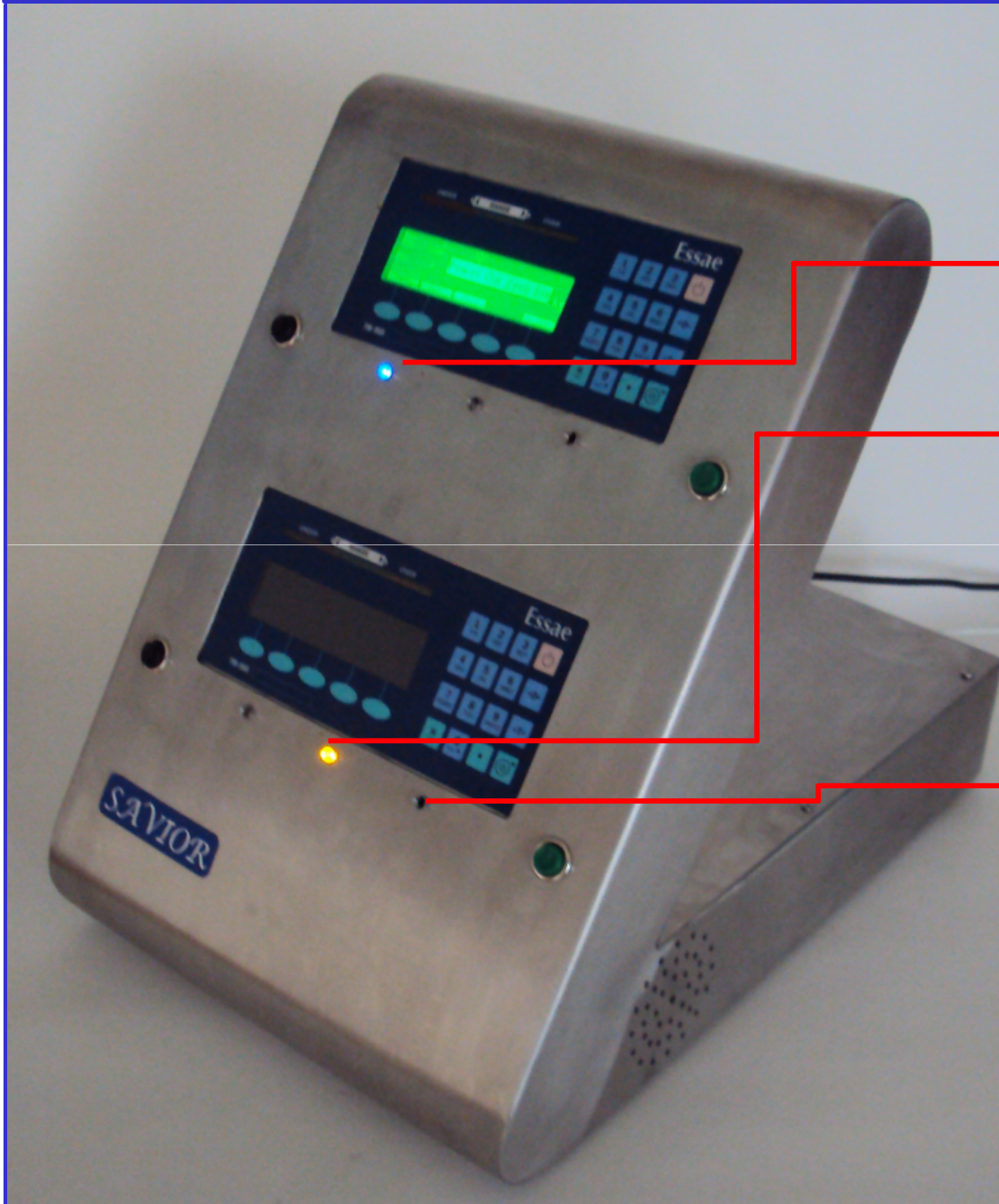
Main Features

- **Weight retention function in-case of power/channel failure.**
- **Manual swapping is restricted for preventing weight tampering**
- **Dual Indicators, programmed to show the same weight.**
- **All incoming cables are routed through Pull proof double compression IP 68 PG glands.**

Main Features

- **On line log of failure (for cloud customers).**
- **Dimensions (L x W x H 90mmx300mmx430mm).**
- **Optional - SMS alert of Indicator failure to concerned authority/service engineer (4 users).**
- **Optional - Redundant load cells (Complete System Redundancy).**

Redundant Weighing Terminal



STATUS LED

→ RUN

→ HEALTHY

→ FAIL

Benefits to Customers

- **Reduces the risk of shutdown of the weighing operation due to component failure.**
- **The system can be repaired or serviced with out disturbing the weighing operations**
- **Optional SMS alert has been included for more reliable/timely ser**