



Dimension & Weighing Measurement System

(Semi Automatic)

VARTECH WEIGHING SYSTEMS PRIVATE LIMITED

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ABOUT

- Dimension & Weighing Measurement System are designed on keeping into account the prevalent shipment size and weights in the Industry so that clients can leverage on a standard plug and play system that offers them high accuracy, reliability, uptime and productivity.
- Our System facilitate accurate capturing of a Product's Dimensions (Length, Breadth, Height, Actual Volume) and Actual weight against the product identifier (usually a barcode) and store this information in Databases.



BENIFITS

- Goods Profiling at Inbound for Storage Space Optimization and planning
- Goods Profiling for Packing size recommendation during packing stage
- Calculation of Volumetric Weight for Freight reconciliation
- Profile based Quality check of actual vs expected
- Increased Worker Productivity
- Eliminates manual errors while measuring and logging
- Opportunity to cap revenue leakages due to excess/ short billing
- Increased Data trust from clients and partner
- Avoid Storage Space related Chokes due to Cubic Volume visibility
- Tighter Quality control on Order fulfilment

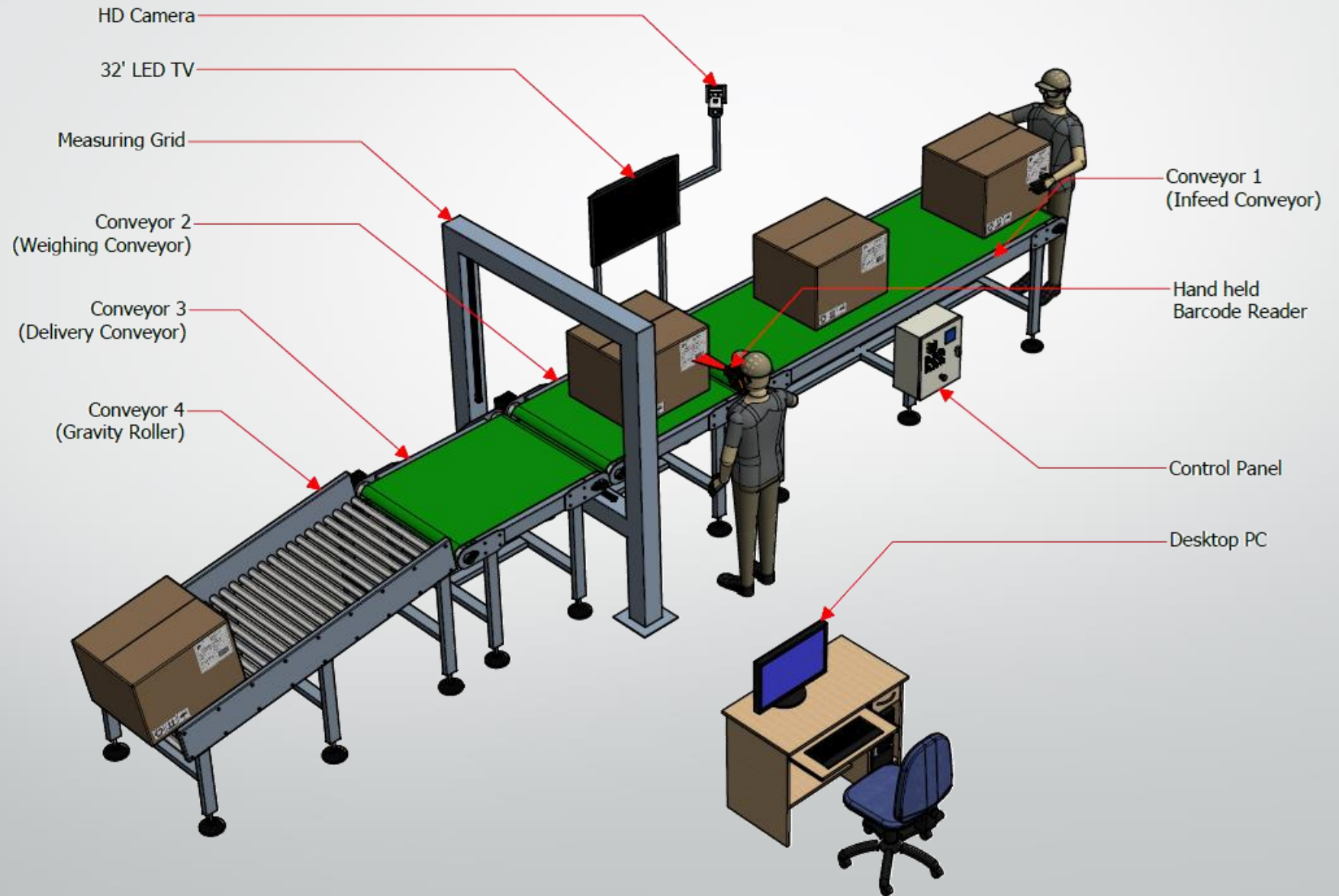


SPECIFICATION

Dimension & Weighing Measurement System Specifications	
Maximum Parcel Size	900mm X 900mm X 900mm
Max Weighing Capacity	75kg
Readable Barcode type	1D
Barcode Scanner	Handheld Barcode Scanner
Line Speed	3mtr/sec (adjustable)
Weighing Accuracy error	0.1%
Dimension Accuracy Error	W:5mm X H:5mm X L:2mm
Additional Features	Uploading/inserting of processed data to SAP/DATABASE
Infeed Conveyor Size	(L: 3000mm X W: 1000mm X H: 900mm) Belt Width:900mm
Weighing Conveyor Size	(L: 1100mm X W: 1000mm X H: 900mm) Belt Width:900mm
Delivery Conveyor Size	(L: 1100mm X W: 1000mm X H: 900mm) Belt Width:900mm
Inclined Gravity Roller Conveyor	(L: 2000mm X W: 1000mm X H: 900mm to H:600)
Camera	HD IP Camera

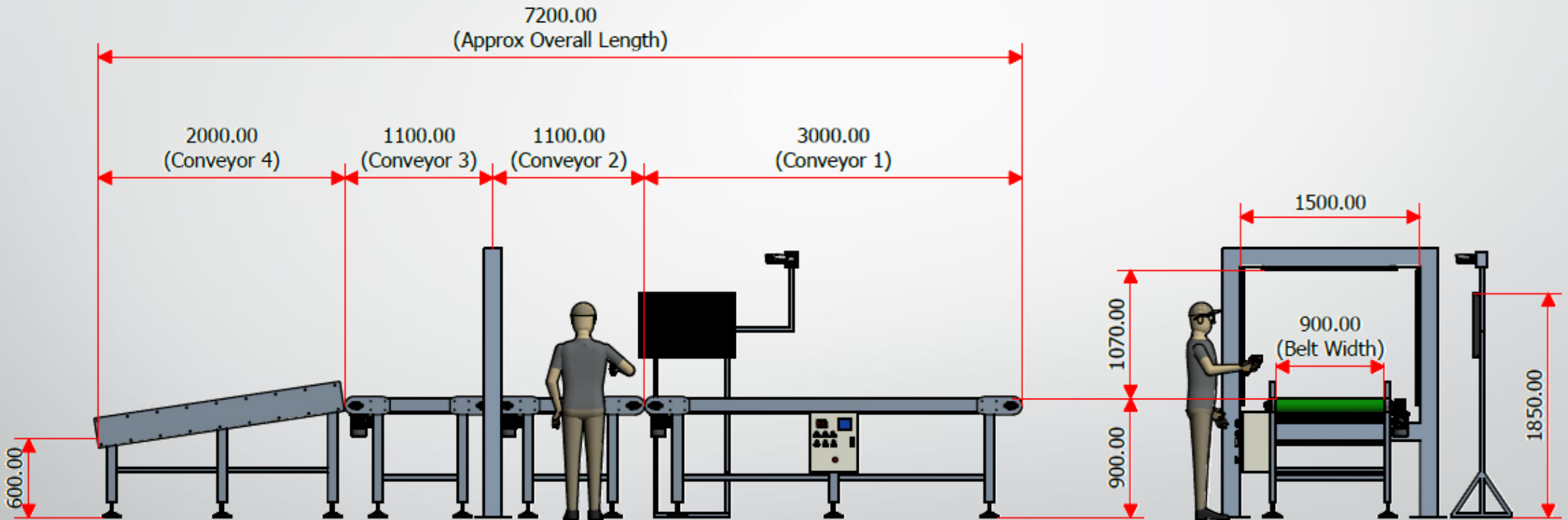


TYPICAL SYSTEM ARRANGEMENT





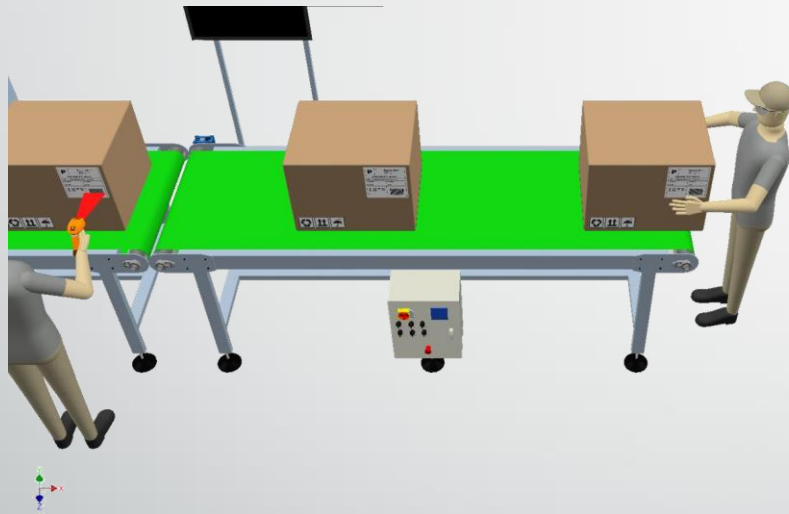
TYPICAL SYSTEM MEASUREMENTS



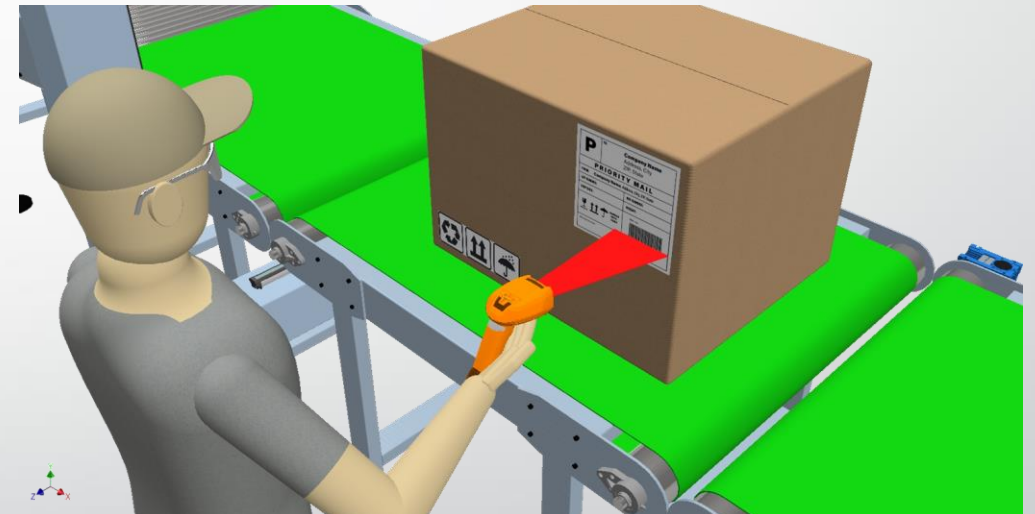


KEY COMPONENTS

Spacious Infeed Conveyor



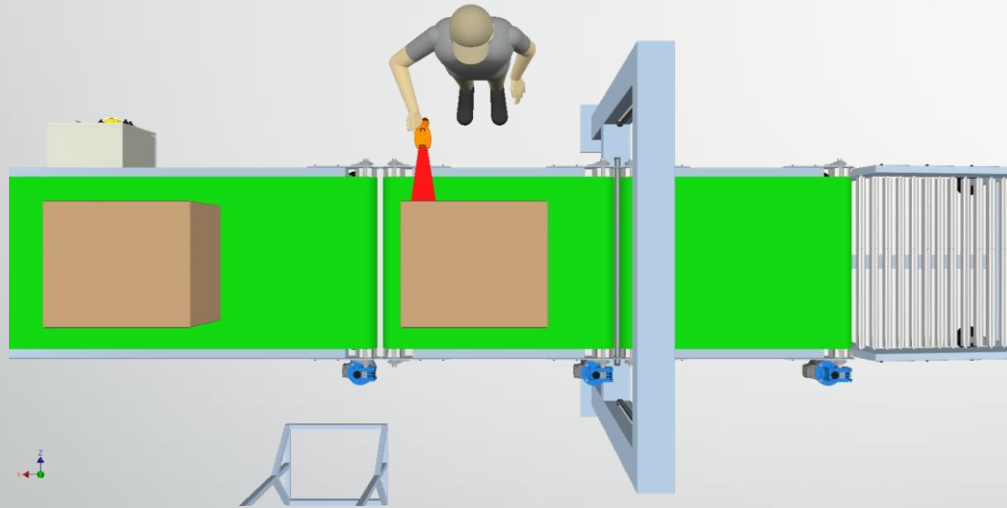
Hand Held Barcode Reader



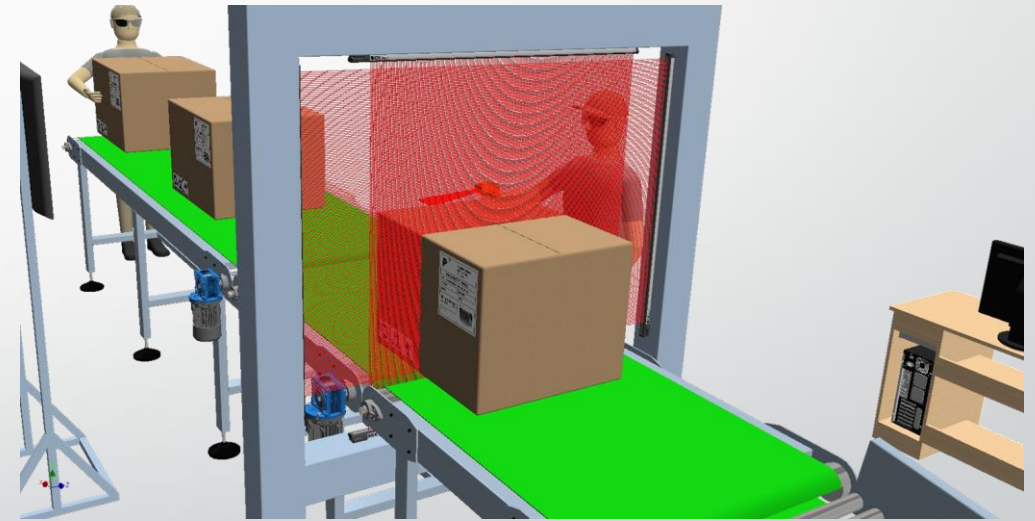


KEY COMPONENTS

Inline Weighing Conveyor



High Density Measuring Light Curtain



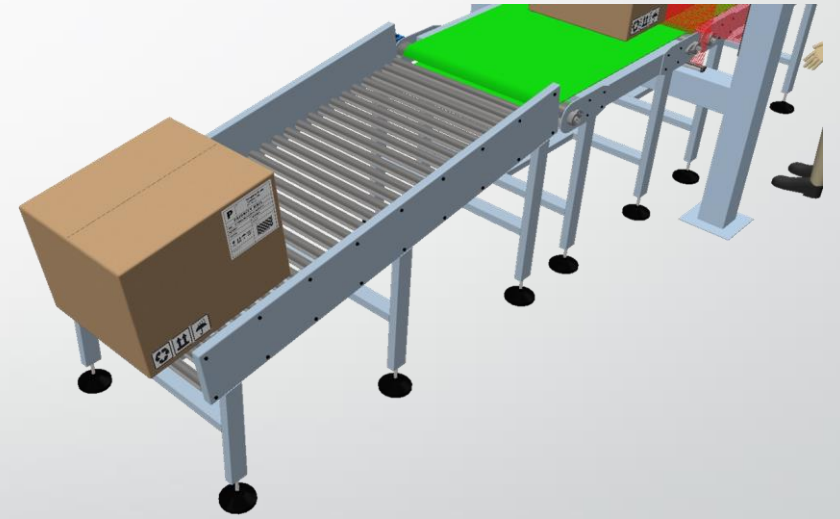


KEY COMPONENTS

32' TV & HD Camera

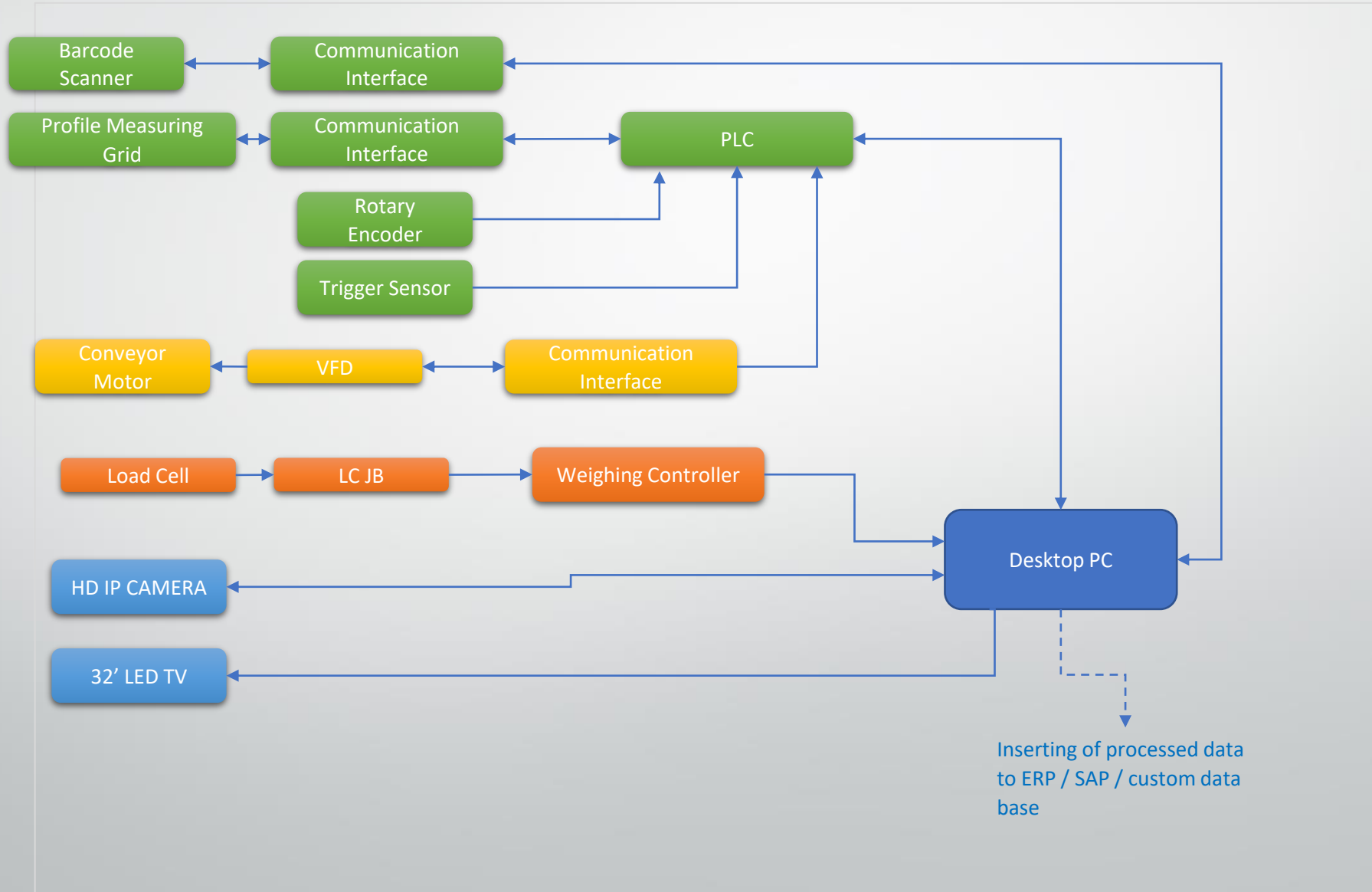


Gravity Roller Conveyor





TYPICAL SYSTEM LAYOUT





EXPORT PARAMETERS

- Barcode ID
- Length
- Width
- Height
- Volume
- Weight
- Measuring Date & Time
- Package Count



Length - The length is the longest side.

Width - The width is the shortest side.

Height - The height is from the base to the top



ADVANTAGES

- Seamless and Secure Data Integration with any ERP Systems/ Shipping Systems
- Real Time Shipment Imaging
- User Profile Management with Access Control Levels
- Integration with Label Printers and Manifest Printers
- Flexible Dimension and Weight Units
- Data push directly into client's software over Hardware communication ports (Serial/USB/Ethernet)

Thank You !



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