

 **RACE PiTV**

Product In Tote Vision

Pick. Pack. Visual Proof.

UMD's RACE PiTV (Product in Tote Vision) is an industrial platform which utilises video recordings for quality assurance in packing and process monitoring. RACE PiTV captures customer orders linked to barcodes or RFID tags associated with a tote. As the tote progresses through one or more RACE PiTV Stations, the contents of the the tote is recorded on video to validate the accuracy of the customer's order at that point in the fulfillment process. The RACE PiTV Dashboard enables users to retrieve all related videos by searching for a specific customer order. The dashboard visually displays items as they accumulate at each station, where users can download these videos as proof of packing for customers and order fulfillment accuracy. The RACE PiTV Server software is installed on-premise either on the customer's infrastructure or as a stand-alone industrial PC appliance.

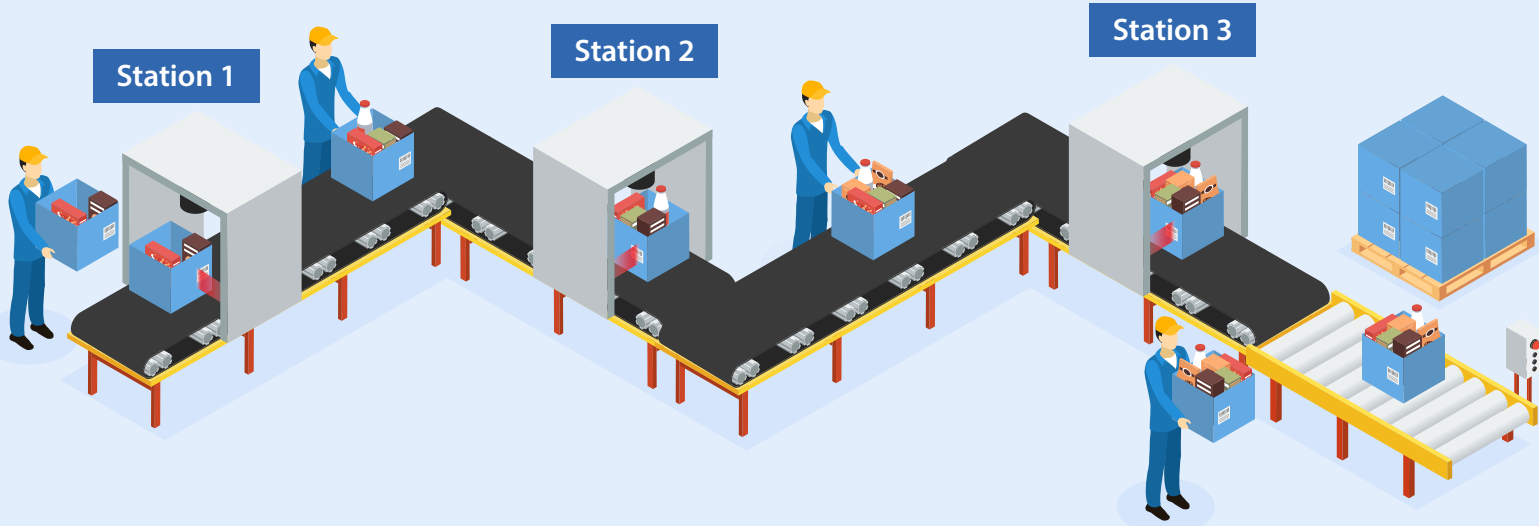
Use Cases:

- Content loss/tamper security recording
- Quality Assurance
- Proof of Order Fulfilment
- Customer experience (Journey Tracking)

Features:

Platform	<ul style="list-style-type: none"> • Customised to client requirements • Barcode and RFID readers, camera, lens and lighting chosen for the environment 	
RACE PiTV Station	<ul style="list-style-type: none"> • Portal designed and constructed to meet with your environment • Multiple stations are networked to a single RACE PiTV Server instance 	
RACE PiTV Server	<ul style="list-style-type: none"> • Linux or Windows • Hosted on-premise • Customer infrastructure or PC Appliance 	<ul style="list-style-type: none"> • Controls multiple RACE PiTV Stations • Dashboard view by web browser • Can be customised
Optional	<ul style="list-style-type: none"> • RACE Insight cloud service provides data aggregation, analytics and integrations 	

RACE PiTV Overview:



Station 1
Capture



Station 2
Capture



Station 3
Capture



 **RACE PiTV**
Server

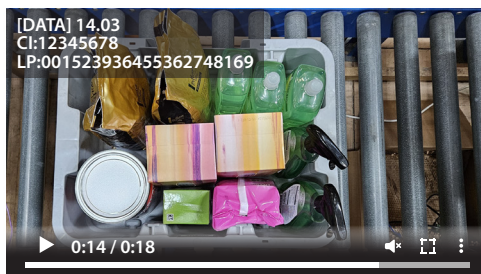


Access video files
and screenshots



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