

RZ Ecosystem Partner Solution

TCS Self Check-Out Theft Prevention Solution



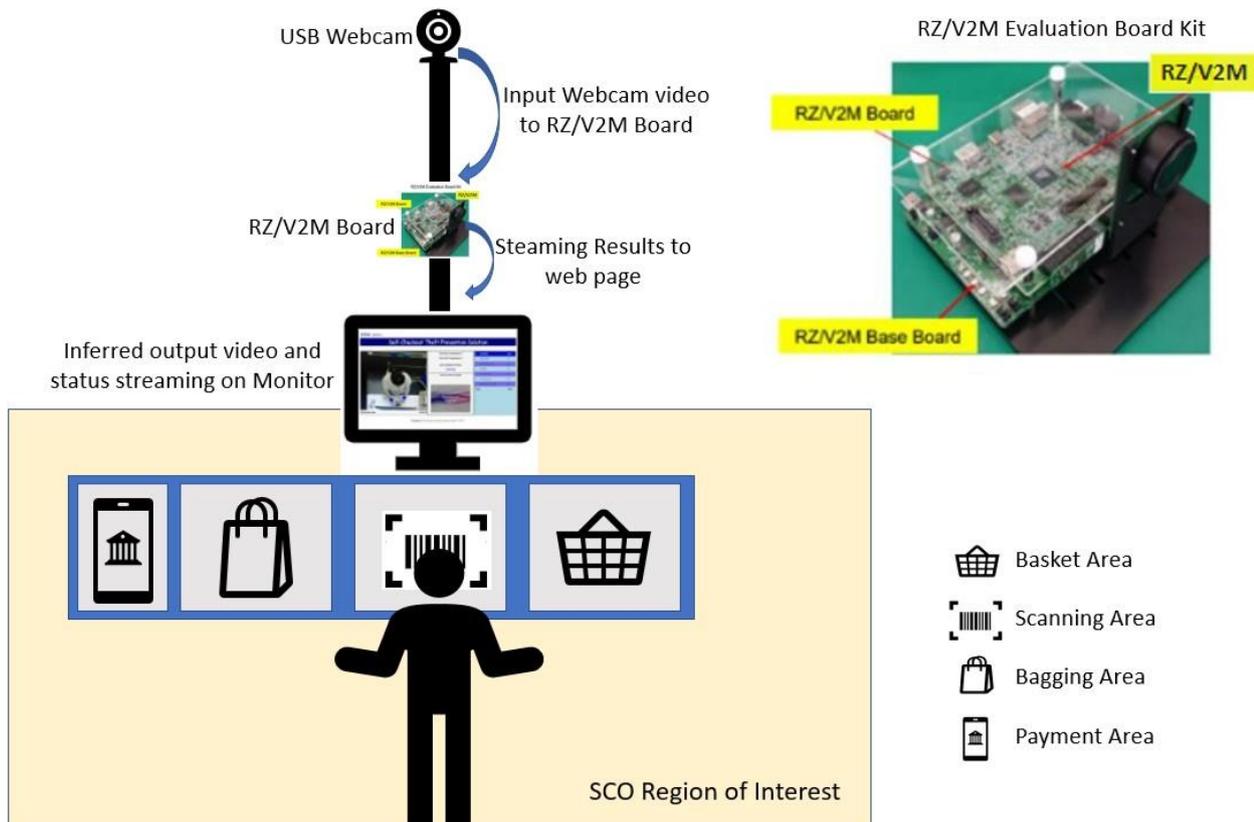
Solution Summary

Self Check-Out (SCO) theft prevention solution uses motion detection and human pose detection to detect and prevent non-payment and failure to scan products correctly. The solution could perform real-time processing with [RZ/V2M](#) MPU, and the results and inferred output video can be streamed to a webpage.

Features/Benefits

- Minimize loss due to free walkaways, walkaways without payment and partial scan.
- Solution powered by [TCS IVTK](#) (Image and Video analytics ToolKit version 2.1).
- Real-time theft prevention

Diagrams/Graphics



Target Markets and Applications

- Retail
- Manufacturing
- Medical
- Hospitality
- Travel

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world's largest businesses in their transformation journeys for over 50 years.

TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.

A part of the Tata group, India's largest multinational business group, TCS has over 613,000 of the world's best-trained consultants in 46 countries.

The company generated consolidated revenues of US \$25.7 billion in the fiscal year ended March 31, 2022, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India.

TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the MSCI Global Sustainability Index and the FTSE4Good Emerging Index.

For more information, visit www.tcs.com

For more information about this solution please reach out to iot.de@tcs.com