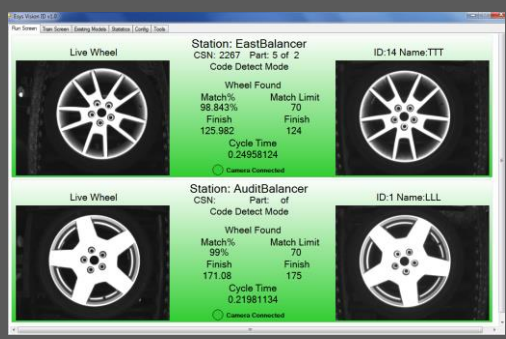




# INTRODUCING THE IMPROVED ESYS TIRE AND WHEEL VISION SYSTEMS

The **Wheel Vision System** utilizes one camera to perform three means of wheel differentiation:

- Pattern Identification
- Finish Detection
- Color Detection



The **Tire Vision System** utilizes two cameras and an optical beam array in combination to perform five means of tire differentiation:

- Tread Identification
- Color Stripe Detection
- Side Wall Raised White Letter Identification
- Color Label or Paint Dot Detection
- Tire Height Detection (Beam Array)

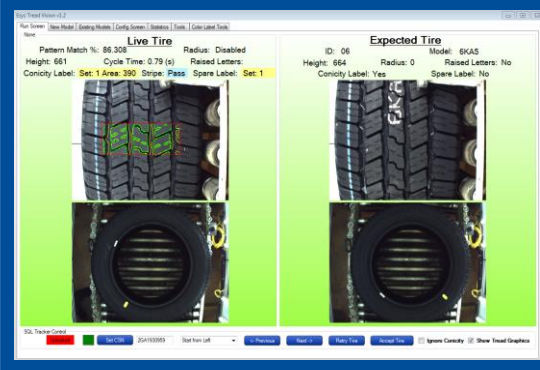
## HAVING PROBLEMS KEEPING UP WITH CONSTANT PRODUCT CHANGES?

### Operator Interface Benefits:

- Teach new product with point and click features
- Operator configurable - easily change, delete, or update styles
- Real-time operator feedback on production status and failure modes

### System Highlights:

- Uses the power of Cognex VisionPro with PatMax
- Interfaces with the plant database or tracking system to receive an anticipated tire/ wheel style and provide a pass or fail status
- Can operate in code detect mode to match the tire/ wheel to the best possible option in the dictionary without the use of a tracking system



Esys offers extensive experience in the development and deployment of vision systems for automotive and industrial applications. Other vision applications Esys provides include: Part Identification, Mistake Proofing, Defect Detection, 1D & 2D Barcode, Tire & Wheel Match Mark, Robot Path Correction.

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