cloudmoyo™
Rail Operational Testing System

CloudMoyo's Rail Operational Testing System (OTS) simplifies the management of rail operational testing program in entirety, by facilitating planning, execution, and reporting of efficiency tests to ensure compliance with GCOR, federal safety guidelines, and territory-specific rules. This solution enables inspectors to record results of drug and alcohol tests and efficiency tests for railroad safety.
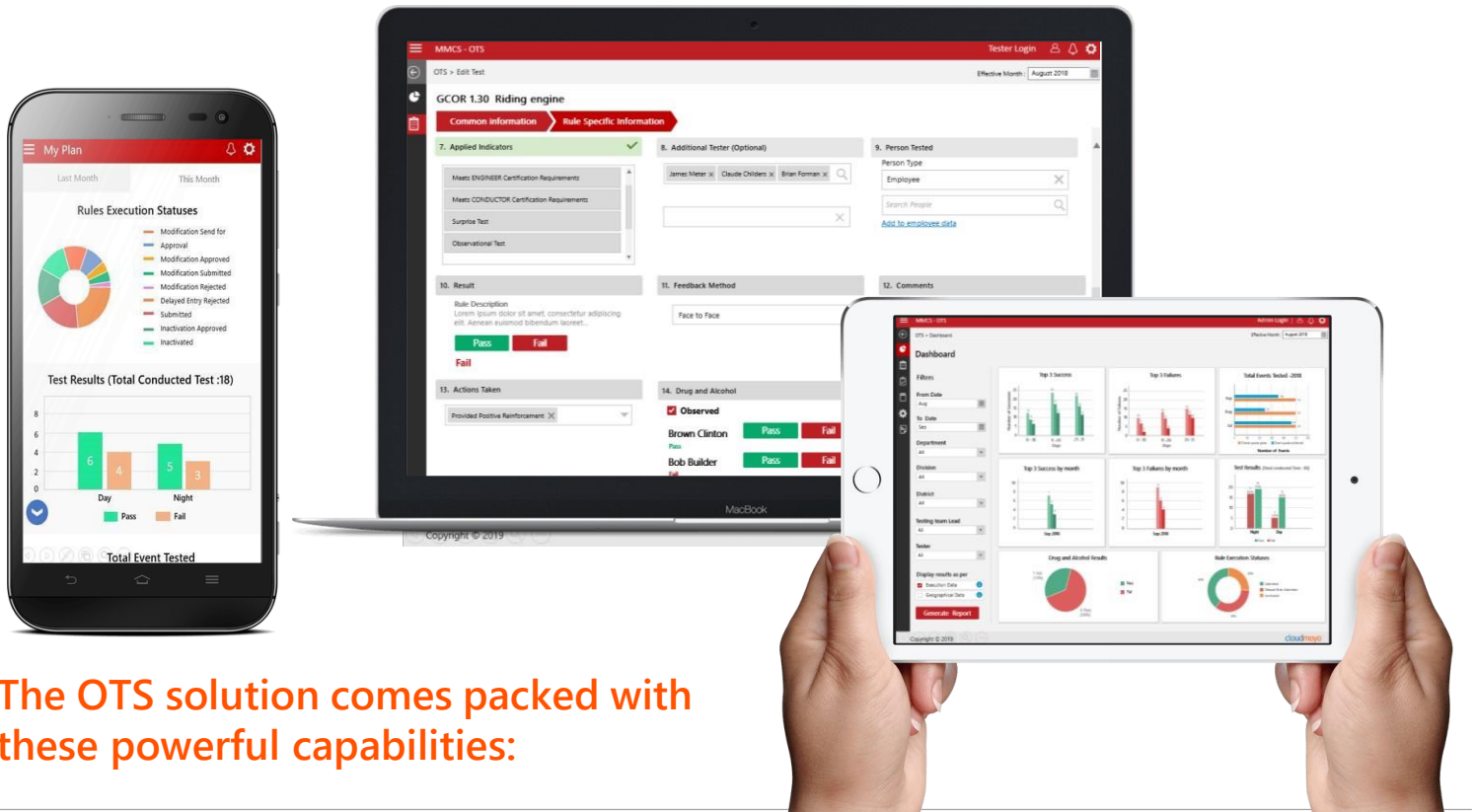
Challenges

- Lack of organized record keeping for retrieval of historical testing records

- Administrative complications in the comprehensive planning, execution, and assessment of test program at multi-level hierarchies and geographies within the organization

- Extended, error-prone evaluation cycle due to human judgements and limitations

- Difficulty in identifying the extent of rule enforcements and adherence to safety guidelines

- Ensuring all staff are regularly certified and are working in compliance with FRA guidelines

Solution

The OTS application addresses critical challenges in rail operational testing by automating key processes. It provides a flexible platform with a simple yet intuitive interface capable of giving role-based access to multiple hierarchies to add or modify test plans and assign them to crew. With this modern, cloud-based platform, you now have the ability to conduct tests in an efficient manner and report the feedback in real time leveraging a mobile-compatible user interface.

Business Benefits

- Real-time reporting of test programs

- Interactive and intuitive UI for the rapid, trigger-based, and repeatable scheduling of programs

- Reduced training costs and evaluation cycle time

- Eliminates manual testing efforts as well as rigid paperwork

- Improved compliance with the FRA's rail safety guidelines and GCOR (General Code of Operating Rules)

- Higher rule enforcement, reduced penalties, and enhanced safety

The OTS solution comes packed with these powerful capabilities:

Pre-populated rules library
Import custom rules or leverage ready-to-use knowledge base and rules libraries for GCOR and other FRA regulations

Rapid test plan creation
Configure and rapidly develop repeatable test plans

Test execution and assessment
Simplify test execution and inspections with a guided, mobile-compatible interface for test inspectors

Notification and alerts
Get alerts for all major incidences with e-mail, SMS, and in-app notifications

Dynamic dashboards
Get a 360° view of the parameters associated with a test program in real time

Multi-device compatibility
Access rest results on-the-go with an intuitive interface compatible on mobile, tablet, and desktop

Integrations
Seamlessly connect with business systems such as ERP, HRMS, and other legacy software

About us

CloudMoyo empowers rail and transportation companies to gain greater insights, unlock efficiencies, and improve agility in operations, revenue and asset management, as well as critical areas of safety, crew scheduling, and maintenance. Combined with deep rail industry expertise, our cloud-based, AI-driven solutions leverage cutting-edge technology to reimagine railroad digitization. Headquartered in Bellevue, WA, with a presence in Kansas City, MO and an innovation center in Pune, India, CloudMoyo is partnering to create an efficient, productive, and reliable digital-rail ecosystem.

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Bellevue, WA • Overland Park, KS • Jacksonville, FL

www.cloudmoyo.com

marketing@cloudmoyo.com