

Helping fleet operators meet tachograph obligations with confidence while keeping vehicles moving

APS supplied an embedded thermal mechanism engineered for seamless integration into the Seva tachograph system from Michelin *Connected Fleet*.

THE CHALLENGE

Michelin *Connected Fleet* required a **compact, reliable, and automotive-grade** embedded printing solution for its Seva digital tachograph platform, designed to support tachograph regulations and roadside enforcement requirements.

THE SOLUTION

APS provided the **SS205-HS**, an embedded thermal mechanism, which can print immediate records of driver activity. These records are required during roadside inspections by control authorities and for fleet compliance audits. By integrating APS embedded thermal printing technology into the Seva digital tachograph, Michelin *Connected Fleet* delivers a solution that strengthens EU & BR regulatory compliance, inspection readiness, and operational efficiency.

THE RESULT

The SS205-HS therefore is operating reliably in mobile, in-vehicle environments, withstands **vibration and temperature extremes**, and delivers clear, standardized printouts in line with regulatory expectations. Drivers can generate **instant tachograph printouts** when requested by enforcement officers. Under EU & Brazilian regulations governing driving and rest times, vehicles must be able to provide immediate printed records of driver activity, including driving time, breaks, rest periods, events, and faults. These records are required during roadside inspections by control authorities and for **fleet compliance audits**.



“The tachograph’s integrated thermal mechanism works flawlessly – meeting every requirement, operating exactly as expected, and backed by outstanding support at every stage.”

Carlos Jobim – Product Manager at Seva

THE BESPOKE THERMAL PRINTER

By integrating the SS205-HS, Michelin *Connected Fleet* is providing on-board printing capability that enables immediate production of legally required tachograph printouts without external devices.



KEY FEATURES OF THE SOLUTION

1. Streamlined Roadside Enforcement Interactions

On-board printing ensures drivers can comply immediately with requests from **EU & BR control authorities**, minimizing downtime during inspections.

2. Reduced Risk of Non-Compliance

Automated, accurate printing of tachograph data reduces the risk of transcription errors, missing records, or non-compliant documentation.

3. Clear, Durable Tachograph Printouts

APS thermal technology produces **high-contrast, smudge-free printouts** that remain legible during handling and storage, as required for enforcement review.

4. Traceable & Verifiable Records

Printed outputs can include **driver identification, vehicle identification, timestamps, and recorded events**, ensuring traceability and accountability.

5. Alignment with EU & BR Tachograph Standards

Consistent print quality and data accuracy support compliance with **EU & BR digital tachograph requirements** and expectations for roadside and on-site inspections.

6. Safer, Compliant Fleet Operations

Accurate documentation of **driving activity** supports regulatory compliance, reduces operational risk, and contributes to safer road transport across the EU & Brazil.



ABOUT MICHELIN CONNECTED FLEET

MICHELIN Connected Fleet is Michelin's suite of fleet management and telematics solutions designed to help businesses monitor, optimize, and improve the performance of their vehicle fleets. It combines hardware (vehicle trackers, sensors) with software (dashboards, analytics) to give operators real-time visibility and actionable insights.

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