

TachoSafe Smartcard Station

Company Card Mode

Your company card stays with you. Your tachographs still get downloaded.

OVERVIEW

The TachoSafe Smartcard Station, when used with a company card, acts as a secure on-premise authenticator for remote tachograph downloads performed by the TachoSafe Remote Download Unit (RDU) system. The company card is inserted once and remains in the device. The Station then authenticates every remote download from every connected vehicle, 24/7, without the card ever leaving the operator's premises.

This eliminates the most common operational problems with company cards: shipping them to a third party for storage, plugging them into a PC via USB readers, or not using them at all and resorting to manual on-site downloads.

HOW IT WORKS

1. **Connect.** The device is powered via USB and connected to the internet via its built-in 4G/LTE modem. The company card is inserted into the slot at the bottom and left inserted. This is the entire setup.
2. **Standby.** The LED bar pulses orange and purple while the device is in standby — connected to the cloud, waiting for authentication requests from the RDU system.
3. **Authenticate.** When an RDU triggers a remote download from a vehicle, the LED bar turns green and the Station authenticates the request. The tachograph download proceeds. The card is never removed and never shipped.

THE PROBLEM THIS SOLVES

Today, operators using a Remote Download Unit typically have three options for the company card, and all three carry significant cost or risk:

1. **Ship the card to a third party.** Loss of physical control over the card, recurring monthly storage fees, and reliance on the third party's security.
2. **Plug the card into a PC via USB readers.** Operating system limits, fragile setup, IT overhead — and the approach does not scale across multiple companies or sites.
3. **Do not use a company card at all.** Remote downloads are not possible; staff must travel to every vehicle to download manually, with the risk of missing the 90-day vehicle download window.

The TachoSafe Smartcard Station in Company Card Mode is a fourth option: the card stays on the operator's premises, the monthly storage fee disappears, and remote downloads continue to work automatically.

KEY FEATURES

- **Card custody.** The company card stays physically on the operator's premises at all times. Authentication occurs in the operator's environment, with the operator's own card.
- **One-time hardware cost.** A single hardware purchase replaces external card-storage subscriptions and other recurring fees.
- **Hands-free operation.** Once the card is inserted, no daily user action is required. The RDU system orchestrates every authentication automatically.
- **Native RDU integration.** Works out of the box with TachoSafe RDU GPRS2, RDU GPRS3, and RDU 4G.
- **G2V2 compatible.** Supports first-generation, second-generation, and second-generation V2 company cards.
- **Authentication-only architecture.** The device authenticates the download; it never modifies tachograph data.

TARGET USERS

- Transport operators using the TachoSafe RDU system for remote tachograph downloads.
- Operators currently paying a third party to hold their company card and authenticate remote downloads.
- Operators using PC-based USB company card readers and looking for a more reliable, dedicated solution.
- Multi-site or multi-company fleet operators that need company card authentication to scale without IT overhead.

COMPLIANCE AND SECURITY

- Authorises remote tachograph downloads as required under EU regulation.
- Removes the need to transfer the company card to a third party, eliminating that entire risk category.
- Authentication takes place on infrastructure the operator controls — consistent with GDPR data-control requirements.
- The device authenticates only; it cannot read, alter, or rewrite tachograph data.

TECHNICAL SPECIFICATIONS

Card support	Company cards: G1, G2, G2V2
Connectivity	4G/LTE, built-in modem with pre-installed SIM (500 MB)
Internal memory	8 GB
Works with	TachoSafe RDU GPRS2, RDU GPRS3, RDU 4G
Function	Authentication of remote downloads only — no data modification
Power	Universal USB cable
Mounting	Desktop or wall-mounted
Operation	Continuous; card remains inserted
