

German Truck Parking Space Information Service



We call it: Stellplatzinformationsdienst (SID)

ITSBE26 Congress

Leuven, 23.10.2026



Germany's motorway network needs more **capacity** — and better use of the capacity we already have.

Parking is scarce. Every night.



TOLL COLLECT
service on the road



~1,850

public motorway rest
areas

~60,000

truck parking spaces

~20,000

spaces missing government
estimate

~40,000

spaces missing
industry
estimate



The consequence:

Parking along highways or at rest-area entrances.

Safety ↓

Driver well-being ↓

Logistics efficiency ↓

SID is based on data from the German tolling system operated by Toll Collect and the EETS providers

- ~**99% of trucks** above 3.5 t driving in Germany participate in the **automatic tolling system**
- Trucks are equipped with **On-Board Units (OBUs)** that continuously capture GNSS position data and periodically transmit this information to the data center for further processing



- **SID** uses this **pseudonymized truck position data** to analyze whether a given truck has entered or exited a public rest area (geofencing)
- For each rest area, the system determines the number of trucks with **last known location within rest area**

SID provides near-real time data on truck parking availability for all public rest areas on German highways



- SID publishes detailed **near-real time** data on truck parking site occupancy for **all public rest areas** along German highways
- Information is published as open data and is **free for commercial use**

SID is funded by



07/2025

Launch of **pilot phase** with
1,000 rest areas

12/2025

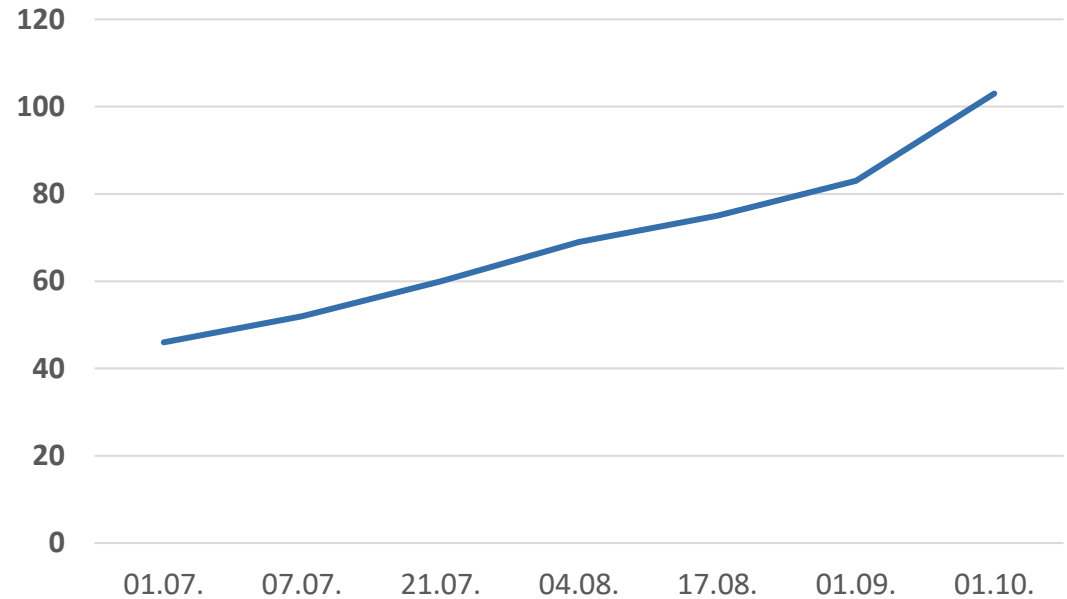
Expansion to all ~1,850
public rest areas

06/2026

Official launch; inclusion of detailed
occupancy data

SID: Growth in Data Consumers

- **Status (as of 1 October 2026):**
103 data consumers
- 15 data consumers continue to operate production services
- Estimated reach: over 700,000 downloads



The next step is to extend coverage and add a forward-looking view.

Make parking not only transparent — but predictable.

06/2026
Official launch of SID

Q3/2026
Inclusion of

Private parking sites

Owners can register their site free of charge. No additional hardware is required.

Free registration

Next: Predictability

02

Parking forecasts

Historical occupancy is the foundation for answering the next question:
“Will there be a space when I arrive?”

01

Use the infrastructure we already have — smarter.

Transparent parking. Predictable journeys.

Visible.

Near-real-time occupancy

Open.

API & open data

Predictable.

Forecasts as the next step

Thank you!



More info:

<https://company.toll-collect.de/go/sid>



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