

abat

consult

Space for the business of tomorrow.

OVERview

A blue semi-truck with a white trailer is shown from a low-angle, rear-quarter perspective, driving on a road. The sun is setting in the background, creating a warm, golden glow and long shadows on the road surface. The truck's wheels, fenders, and trailer are clearly visible.

abat TM-ON-STREET & Event-Cockpit

Control transport processes transparently and proactively.

TM-ON-STREET



TM-ON-STREET

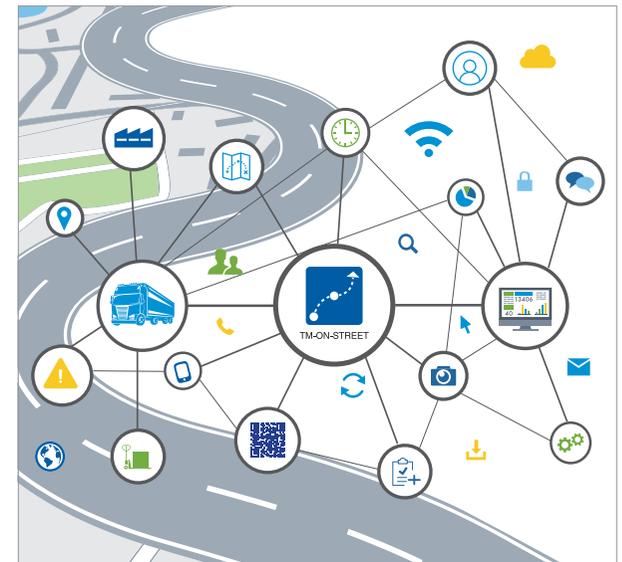
The TM-ON-STREET application from abat enables a continuous exchange of data between drivers of their own fleets or transport service providers and the connected SAP system during the transport execution process.

Along the supply chain, you determine milestones for which you want to receive confirmations (so-called events). Actions can be assigned to these events, e.g. the capturing of signatures on a mobile terminal for the digital proof of delivery. While systematically recording events, the application workflow helps you by recognizing and displaying the next logical event. Reporting events in real time provides direct confirmation to quickly conclude the trip, and, if necessary, initiate follow-up activities (such as customizing your current trip planning). This way, your MRP controllers can act proactively instead of reacting and improve your transport processes.

These features of TM-ON-STREET help optimize your transportation execution process:

At the same time, TM-ON-STREET provides, at a glance to the driver, all important information of a tour section, such as detailed unloading points and time windows. The efficiency of the transport process is enhanced by means of digitized freight accompanying documents.

- The built-in **camera function** supplements events with attached photos. All information is documented in the transport document for easy assignment.
- The **voice control** lets you report events, such as traffic delays while driving.
- The **returnable packaging processing** documents the transfer of load carriers during the loading and unloading process.
- The graphical **3D loading planning** from the SAP TM can be displayed so that the optimized arrangement of the packages can be practically implemented.
- Sending **push messages** ensures fast communication.
- The **offline functionality** ensures the continuous collection of data even without an Internet connection.
- The **geofencing** enables location-related events to be sent automatically both internally and externally.



abat Event-Cockpit

Display of event data and ETA calculation

You are always well informed about incoming event data from TM-ON-STREET with the abat Event-Cockpit. The UI5-based web application provides an overview of all incoming event data from proprietary and third-party systems. Warnings are displayed if the reported events differ from your planned times. Impact on subsequent processes, can be identified earlier. If necessary, predefined follow-up processes

can be initiated automatically. This gives you the best possible interaction between the two applications for your transport execution process.

To display the event data in real time, the TM-ON-STREET application continuously synchronizes with the backend system. Here, the current geo-coordinates of the vehicles are sent. With the

geocoordinates you can determine via web service, e.g. PTV drive&arrive (<http://driveandarrive.ptvgroup.com/>), the currently expected arrival time (ETA). The comparison of your booked time windows with the current ETA times enables optimization the transport processes and reduced downtime!

The screenshot displays the abat Event-Cockpit interface. The top navigation bar includes a user profile icon, navigation arrows, the SAP logo, and the application title 'abat - Event-Cockpit'. The main content area is divided into two panels: 'Overview' on the left and 'Details' on the right. The Overview panel shows a list of events with columns for 'Serial Number', date, time, and status. The Details panel shows the selected event's details, including a status bar with icons for 'Event Mess...', 'Hierarchy', and 'Details', and a process flow diagram with steps: Departing, Receiving, Accepting, Loading, Departing, Other, Other, Arriving, and Other.

Serial Number	Date	Time	Status
ABAT024234	05.01.2018	15:43	Delay
ABAT024233	05.01.2018	00:00	Attention
ABAT024231	05.01.2018	12:31	In time
ABAT024232	05.01.2018	00:00	In time

abat Event Cockpit informs you about incoming event data

Technical details

TM-ON-STREET is developed as a hybrid app based on SAPUI5. Therefore, it is possible to use it on almost all devices that run on iOS, Android and Windows Phone. The app has a responsive design that adapts dynamically to the size of the screen.

As an SAP partner, abat is happy to provide your business with an instance of the SAP Cloud Platform with the **Embedded PaaS for SAP Cloud Platform** (ePaaS). This is necessary to establish the communication between the mobile terminal and the backend system. The SAP Cloud Platform is operated by SAP in its own data centers, which ensures the security of your data. The encrypted connection between the SAP Cloud Platform and your SAP backend system is ensured via the SAP Cloud Connector.

TM-ON-STREET SAP Certified

The application can communicate with different backend systems via the connection with the SAP Cloud Platform.

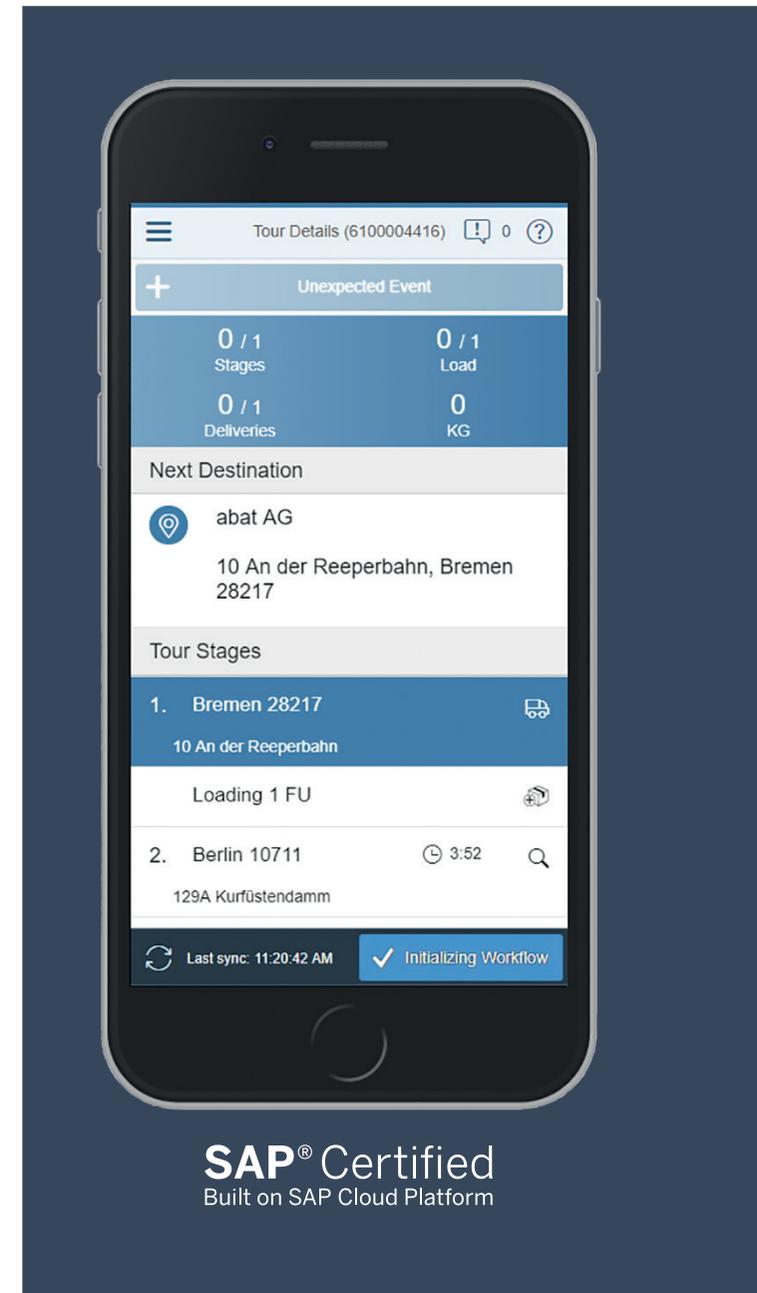
One possible system landscape is SAP Transportation Management (SAP TM) in conjunction with SAP Event Management (SAP EM). With this technical requirement, TM-ON-STREET and abat Event Cockpit can be integrated into your SAP landscape in just a few steps.

The TM-ON-STREET application is certified by SAP, demonstrating its quality and safety.

Use of the application will significantly improve the process by providing the ability to track orders or highlighting delays ahead of time.

Functions at a glance

- Continuous monitoring of tours
- Active control of the transport processes
- Determination of the Estimated Time of Arrival
- Uniform communication along the supply chain
- Digital self-service for your customers



ABOUT US

abat

The abat Group, founded in 1998, is an SAP service provider, innovative software developer and provider of complete solutions for software-supported process optimization –

primarily in the core industries of automotive and discrete manufacturing as well as in logistics processes and production control. With our six service areas, we give companies the freedom they need for new ideas, efficient processes, and future-oriented solutions.

In the **consulting** service area, we advise and support you in all phases of an SAP project – from conception to implementation to operation of your SAP system. With abat **manufacture**, you receive digital, high-availability solutions for production control in the complex manufacturing industry. With abat **transform** we offer you innovative and unique solutions that make you special: from AI to cloud to X-Reality. The **PLM** area offers comprehensive process consulting with the goal of achieving a continuous data flow across PLM, ERP and MES. Offerings from the **protect** area help customers secure information and maintain the confidentiality, availability, and integrity of business relationships. Finally, our **sustain** experts advise on how sustainability and CSR reporting can be strategically and structurally anchored in the company.



CONTACT

Olga Winterhoff

Member of the Executive Board
Senior Consultant

olga.winterhoff@abat.de

abat | An der Reeperbahn 10 | 28217 Bremen | Germany | +49 421 43 04 60 | www.abat.de