



# SAM Stand Alone

Electronic Pump Metering System  
Functional solution for tank trucks

— All you need





# **SAM Stand Alone**



## **Harmonic and functional solution**

The purpose of the SAM Stand Alone solution is to simplify administrative tasks associated with oil- and gasoline-based product deliveries.

The system is in particular attractive for small and medium-large hauliers/suppliers.

The SAM Stand Alone can be supplied with or without a CAB PC



# System Functionality

— All you need

## The SAM Stand Alone offers the following simplifications:

- Electronic transfer of order and customer data to tank trucks (planned deliveries)
- Electronic registration of product delivered, quantity, quality and delivery time
- Electronic transfer of delivery data from tank trucks to administration/FTP server.  
(2-way communication)
- Matching the loaded and delivered quantities pr. product
- Order priority
- Additive and flushing management
- Electronic log
- Eliminating sources of error
- Compartment Volume Monitoring
- Full Integration with Costumers Back Office System

CAB PC - option



Synchronized

SAM Stand Alone



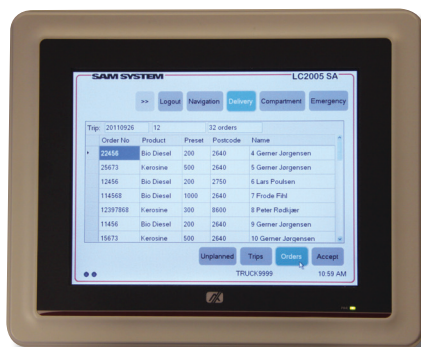
- 8.4" or 10.4" touch screen
- Camera, reverse and side on the same screen
- Simple Back Office system with direct contact to the CAB PC
- Order handling / job scheduling directly on the CAB PC
- Digital signature
- Synchronized with the SAM Stand Alone Display Key Pad

# // SAM Stand Alone

## The Administrative System Pre-Delivery:

Customer orders can be handled as ordinarily. Orders are assembled in a "trip" for each truck before delivery. There may be several trips to a truck the same day. Trip data (order and customer data) are automatically transferred to each individual tank trucks. An urgent order for the tank trucks can be transferred after completion of planned deliveries.

CAB PC - option



Synchronized

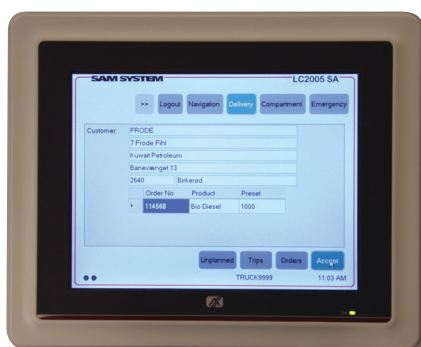
SAM Stand Alone



## Tank Truck System:

The tank truck receives planned trip data before the trip starts. Based on these data, the tank truck is loaded at the depot. After loading products the driver completes the delivery of the first planned order. Order data may be combined with customer data, date and quantity for the last delivery as well as events as location, time, product volume etc. if any. A delivery note is printed and delivery data are sent back to the administrative system for invoicing.

CAB PC - option



Synchronized

SAM Stand Alone



The driver can choose between orders from different trips. After each trip, a statement incorporating loaded and delivered quantities as well as calculated residual product are sent. An electronic log is kept for each truck including delivery events. These data may be utilised in connection with analysis of any error situation.



# Functional solution

— All you need

CAB PC - option



SAM Stand Alone



Synchronized

## The Administrative System Post-Delivery

After each delivery, delivery data from the tank trucks are transferred to the administrative system to be utilised for customer invoicing. After each completed drive, a report incorporating loaded products and quantities, deliveries, and calculated residual material is received.

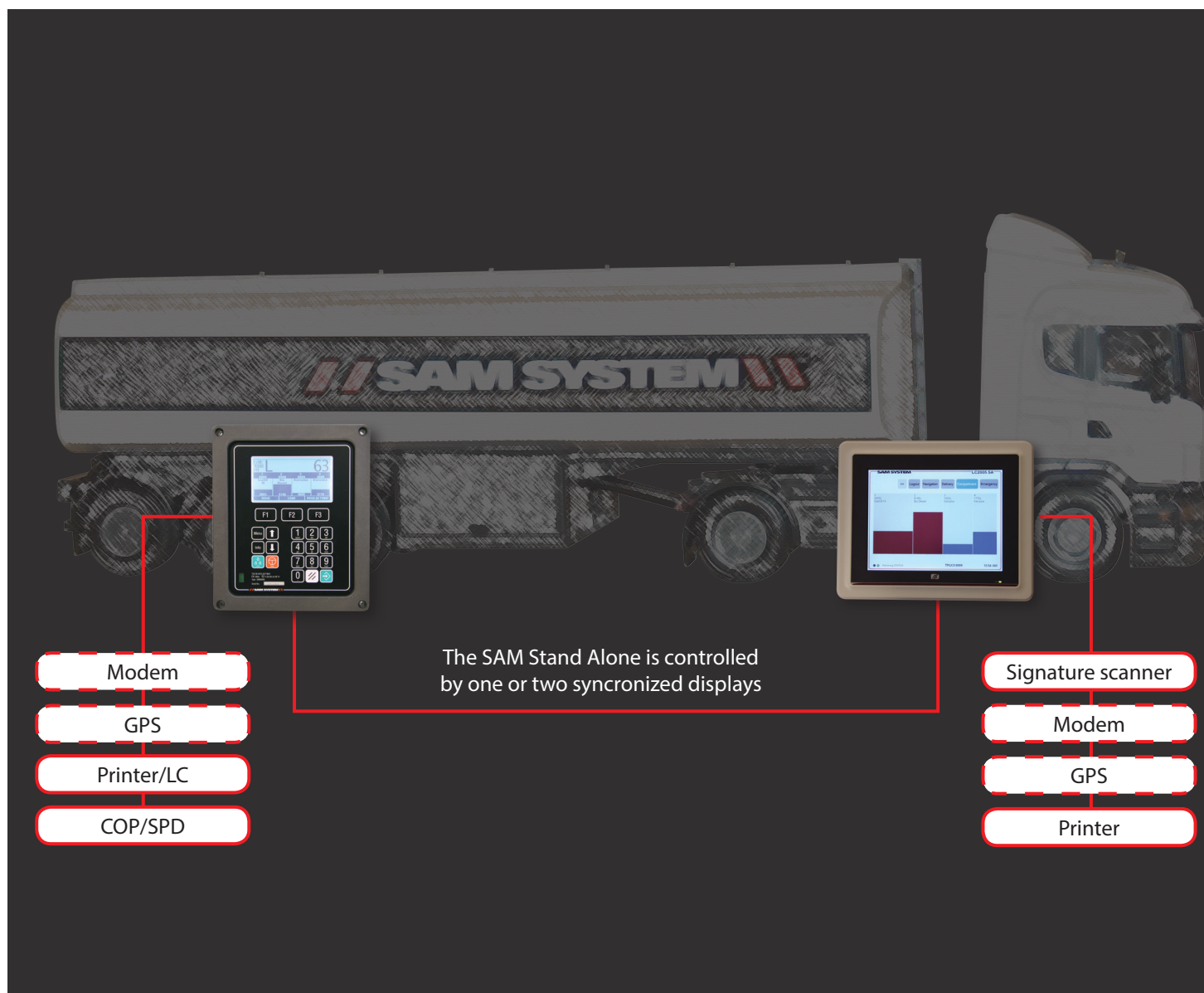
The report can be combined with time, data, driven distance as well as other applicable data.



The ability of SAM-SYSTEM A/S ensure that the SAM Stand Alone solution, in an easy and simple way, can be adapted to the customer's existing Back Office solution.

The SAM Stand Alone is the price-efficient solution for quality-conscious hauliers/suppliers.

# // SAM Stand Alone



## Installing, instructions and manuals

Installation: SAM-SYSTEM A/S will deliver installation instructions/manuals for the complete system solution. These instructions include the necessary informations for mounting, connecting and adjusting the whole setup. By following the instructions we secure that the ATEX, MID and national requirements for tank trucks will be fulfilled.

**Installation and maintenance — we support you, all the way**

SAM-SYSTEM A/S is going to offer a specific installation course for all individual workshops that will be servicing the equipment on the trucks. The content of the course will be with focus on installation, test and troubleshooting.

Also the ATEX and MID aspect will be covered.



# Approved solutions

— All you need

## System approvals

SAM-SYSTEM A/S has experience and knowledge of OTC systems and approvals regarding the:

- MID approvals
- ATEX approvals
- National approvals

SAM-SYSTEM A/S is working with above mentioned approvals all over Europe and have been used as a consultant by our costumers and suppliers.

SAM-SYSTEM A/S will take care of all necessary approvals for the actual solution.

SAM-SYSTEM A/S can offer one of the highest expertises in Europe on system and components approvals.

Today SAM-SYSTEM A/S is the owner of a number of MID system certificat that make it possible to upgrade from National approvals when upgrading existing equipment. This setup is minimizing the cost to upgrade existing approvals.

Measuring systems installed after January 1st 2016 has to be MID certified according to the MID Directives. Also upgraded systems have to be certified.



## SAM Stand Alone offers a number of options

- GPS registration at all defined events (stop, deliveries, etc.) - GPS tracking monitoring via Google MAP
- SPD (Sealed Parcel Delivery)
- COP/ No-Mix (Crossover Prevention)
- Temperature compensation
- Additive injection management
- Modular system, allowing for further upgrades (SW/HW)
- 2-way communication to/from Back office via GPRS
- Compartment Volume Monitoring – volume, quality, compartment no. etc.
- Compartment Control – Automatic bottom valve open /close
- Remote Control – possible for a combined overfill prevention solution
- Automatic Flush or Drain functions
- Ship Bunkering



## The ability to listen...

SAM-SYSTEM A/S is certified according to ISO 9001: 2008 and ATEX 2014/34/EU, which allows us to develop, manufacture and sell highly complex solutions for use in hazard environment.

In +35 years we have sold, customized and implemented electronic tank-fleet systems to global oil companies like:

- Statoil
- Shell
- Q8
- OK
- SKANOL
- BP
- Texaco
- Uno-X / din-X

just to mention a few.

These systems have been installed by our very experienced staff all over Northern Europe. Even in the USA we have systems running, delivering petrol and diesel every day.

The core capability of our company is the ability "to listen". Over the years we have developed very strong, long-lasting relations based on our ability to listen.

This ability is the most important competence in our company – and at the same time the most difficult to copy. Based on this ability we develop the customized solution required, educate the people involved and implement the system in a live organisation.

## Get in touch

Sam System A/S  
A.C Illumsvej 31  
DK — 8600 Silkeborg

Tel: +45 8798 1100  
[info@sam-system.dk](mailto:info@sam-system.dk)



Find out more by visiting our website  
[www.sam-system.dk](http://www.sam-system.dk)