

**The IDENTIC Spill-free Vehicle Refilling system is a fast, safe and efficient way to refuel heavy-duty vehicles.**



- Protect the environment by eliminating the risk of spill
- Increase the effective refilling speed
- Ensure vehicles are always filled to the correct level
- Remove the risk for overfilling
- Reduce the risk of unauthorised fuel usage
- Save money, fuel and time

### Fast, automatic refilling without spillage

Refilling vehicles quickly, safely and efficiently is an ever increasing priority. The IDENTIC SVR system automatically fills a vehicle to the optimal level and without supervision from the operator. This removes the risks associated with operator error and spillage. The SVR system uses a combination of depot and vehicle mounted equipment.

Depot equipment includes the monitoring system which automatically manages the entire refilling process and controls the flow of fuel. An IDENTIC SVR nozzle with integrated spill-free coupling ensures there is no spill during or after the fill.

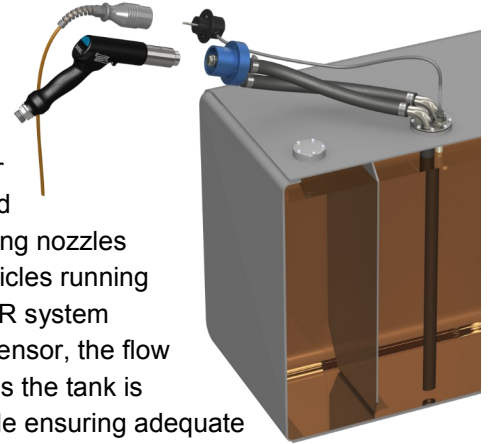
Vehicle equipment includes the mating spill-free coupling with integrated ventilation valve. This automatically vents the tank during the filling process. An intrinsically safe level sensor is used to determine the optimum fill level in the tank and is connected via a 2-pin contact. A range of tank connection flanges are available to suit different tank designs.



## Spill-free Vehicle Refilling (SVR)

### Optimum fuel level control

The tank connection flange includes an underfilling hose inside the tank which ensures the tank is filled from the bottom up. This enables refuelling to take place at higher flow rates as the fuel level rises in a controlled manner and without splashing. Traditional filling nozzles are prone to early shut-off which leads to vehicles running out of fuel while in service, something the SVR system eliminates. When the fuel reaches the level sensor, the flow is automatically shut-off. This process ensures the tank is always filled to precisely the correct level while ensuring adequate space is left for any expansion due to increases in temperature.



### Environmentally friendly

Regulations set high standards for safety in the workplace and environmental protection, so reducing the risks caused by spillage are increasingly focus areas. The IDENTIC SVR system eliminates the risk of spillage before, during and after the refuelling operation, which significantly reduces the risk of accidents and environmental damage.

### Identification and registration

A refuelling terminal manages the identification of the vehicle and controls the entire SVR refilling process. When refilling is complete, the event data is automatically transferred to a central database for storage and processing using the ID Link software. ID Link Cloud provides a secure and reliable off-site environment and includes modules to automate the export of data to other third party management software.



### Turn-key installations

IDENTIC provide complete turn-key solutions for the installation of SVR systems. These include all the necessary equipment from the depot storage tank to the vehicle, including pumps, meters and pipe systems. Contact IDENTIC for more information.

*IDENTIC IDS - Intelligent Depot System includes modules for automatic vehicle identification (AVI), refuelling, parking and location, management software (ID Link). Please read more about these systems on our web site.*