

Smarter, Faster Payment

Tokheim OASE™
(Online Authorisation and
Switching Environment)
Payment Gateway



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DFS Worldwide Brands



The Central Switch Point

The Tokheim OASE™ (Online Authorisation and Switching Environment) payment gateway helps facilitate fuel and bank card payments at the electronic point-of-sale (EPOS), reducing the complexity of diverse key management and protocol implementation from the site and bringing it to a central switch point. One single security scheme (based on 3DES DUKPT) and one single protocol (based on IFSF) is all it takes to connect a fuel retail site with a POS (point-of-sale) system with the Tokheim OASE. Once connected, it is then possible to convert all payments made from bank cards in accordance with their specific security and protocol guidelines.

DFS Worldwide Brands

864 Million Transactions Per Year

Tokheim OASE handles 864 million transactions annually for oil companies, wholesaler groups and independent dealers. The highly secure online solution allows transactions to be authorised quickly and securely to help you offer your customers a better service. Transactions can be monitored in real time through DFS ONE Portal.

Bank Card Switching Services

The Tokheim OASE processes all major bankcard schemes, including Visa, MasterCard and American Express. With the Tokheim OASE, customers have the benefit of being able to select their preferred bank acquirer with the most beneficial card acquiring fees and the best level of service. A strong value proposition is achieved by aggregating the transactions from multiple countries with the same acquirer, which provides customers with the required buying power to negotiate and achieve lower acquiring fees. The Tokheim OASE complies with the relevant bank standards, is compliant with PCI DSS and offers a superior level of service.

Fuel Card Switching Services

The Tokheim OASE offers the most complete fuel card acceptance solution in the industry, through a multitude of secure links with fuel card issuers. For a service station, it is simple to add additional card acceptance to the network and increase revenue.



End-Hosting Services

The Tokheim OASE provides a fully-managed service for the online processing of fuel cards, reducing associated costs for setting up a secure online infrastructure with fleet card issuers. Through the use of 'stop' and 'allow' lists, several velocity parameters and corresponding settlement files, each oil company is able to build up their own scheme rules. DFS ONE Portal supports the end-host service by offering modern and easy to use cloud-based modules to manage transactions, stop lists and clear PIN attempts.

Mobile Payment Services

The Tokheim OASE provides mobile payment transaction switching or end-host services for fuel cards, enabling mobile payment service providers to quickly integrate and leverage on already existing processes within the oil companies. This leads to reduced integration costs and higher speed to market.

Integration with ONE Portal

ONE Portal cloud services platform is an all-in-one cloud platform that provides and integrates the most valuable features from DFS' portfolio of remote management and site optimization products into one single harmonized and efficient web-platform. ONE Portal allows single sign-on access to a range of customer functions from products and solutions from DFS. Using ONE Portal, customers can easily view information obtained from fuel dispensers, payment systems and point-of-sale devices.



