DOVER
FUELING SOLUTIONS

Retail Systems & Payment

Smarter, Faster Payment.

OASE™ (Online Authorisation and Switching Environment)



Visit Website

The Central Switch Point.

OASE™ (Online Authorisation and Switching Environment), Dover Fueling Solutions®' (DFS) payment gateway, helps facilitate fuel and bank card payments at the electronic point-of-sale (EPOS), to reduce 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 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 OASE.

Once connected, it is then possible to convert all payments made from bank cards in accordance with their specific security and protocol guidelines.

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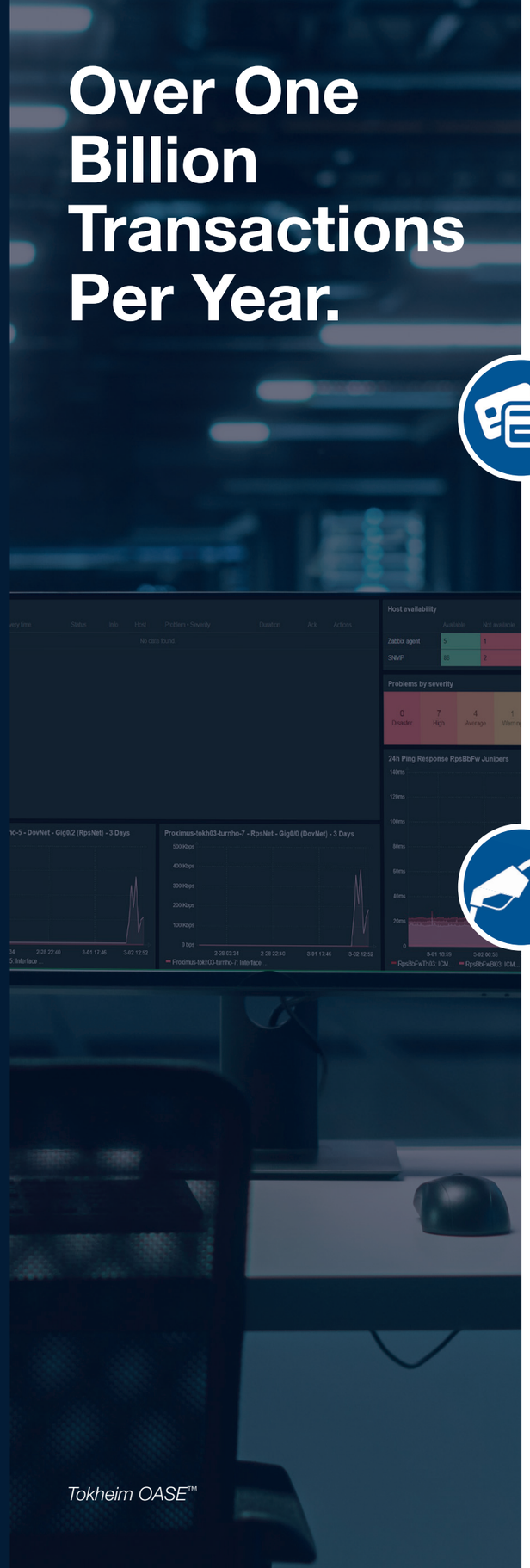

OASE handles over one billion transactions annually for oil companies, wholesaler groups and independent dealers. The highly secure online solution allows transactions to be authorised quickly and securely to help you offer your customers a better service. Transactions can be monitored in real time through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

Bank Card Switching Services.

The OASE processes all major bankcard schemes, including Visa, Mastercard and American Express. With the 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 OASE complies with the relevant bank standards, is compliant with PCI DSS and offers a superior level of service.

Fuel Card Switching Services.

The 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.

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Leveraging Europe's Largest Payment Gateway.



End-Hosting Services.

The 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 Payments.

The 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.

ONE Portal Integration.

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.

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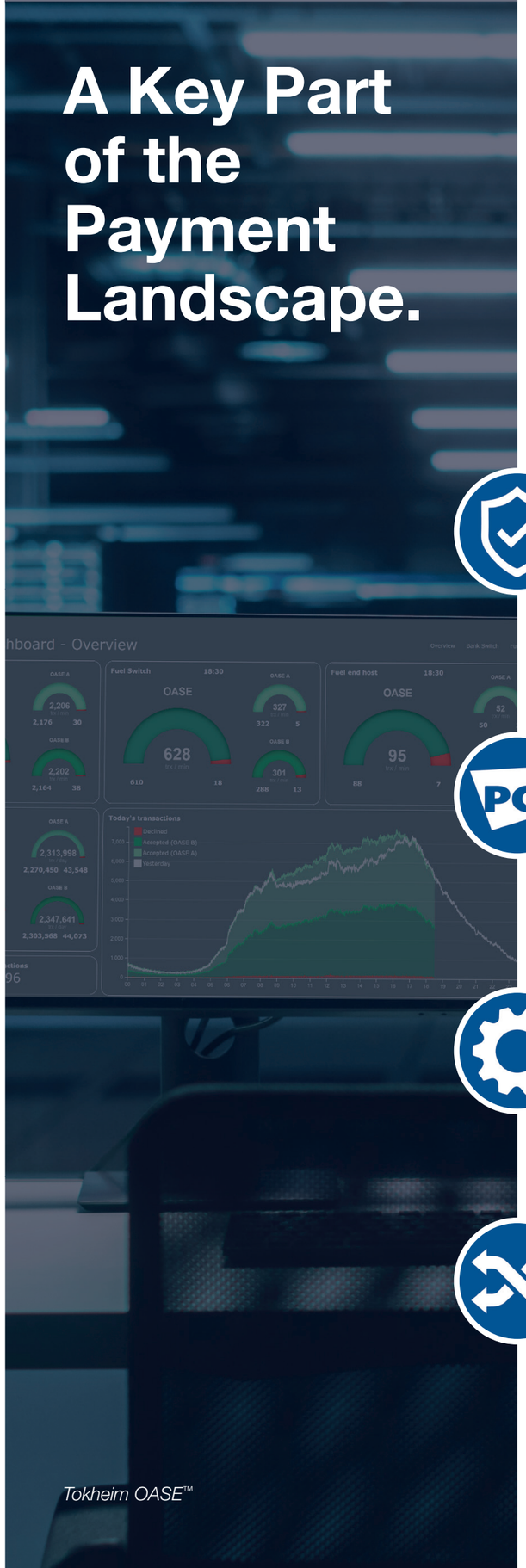
Tokheim OASE™

A Key Part of the Payment Landscape.



Tokheim OASE™

Considered a key part of the payment landscape, OASE presents fuel retailers and merchants with the ability to accept a wide range of cards (over 250) across Europe, providing maximum payment flexibility. In fact, OASE simplifies the acceptance of fuel and bank card payments by centralising transaction processing.

Through the use of a single, secure payment architecture predominately based on IFSF Industry standards OASE is integrated with the Crypto NOVA platform to reduce on-site complexity, while ensuring full compliance and seamless payment processing. Today OASE handles over one billion transactions from 23,000 fuel retail sites in 32 countries, annually.

Reliability & Speed.

OASE is Europe's largest payment gateway to facilitate fleet and bank card transaction authorisation or switching within the fuel retail industry. OASE offers unparalleled reliability, speed, and card acceptance capabilities.

PCI Compliance.

Built upon industry standards, Tokheim OASE, facilitates and simplifies the PCI DSS process for retailers and merchants alike through its PCI DSS and PCI P2PE certification. Offering time and financial cost reductions.

Operational Efficiency.

This solution helps create operational efficiencies, as well as volume and growth opportunities, by facilitating cross-border acquiring and cross-acceptance.

Free Choice of Acquirer.

OASE provides complete freedom to choose from a wide range of supported acquirers, without the need to replace onsite equipment when switching acquirer.

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