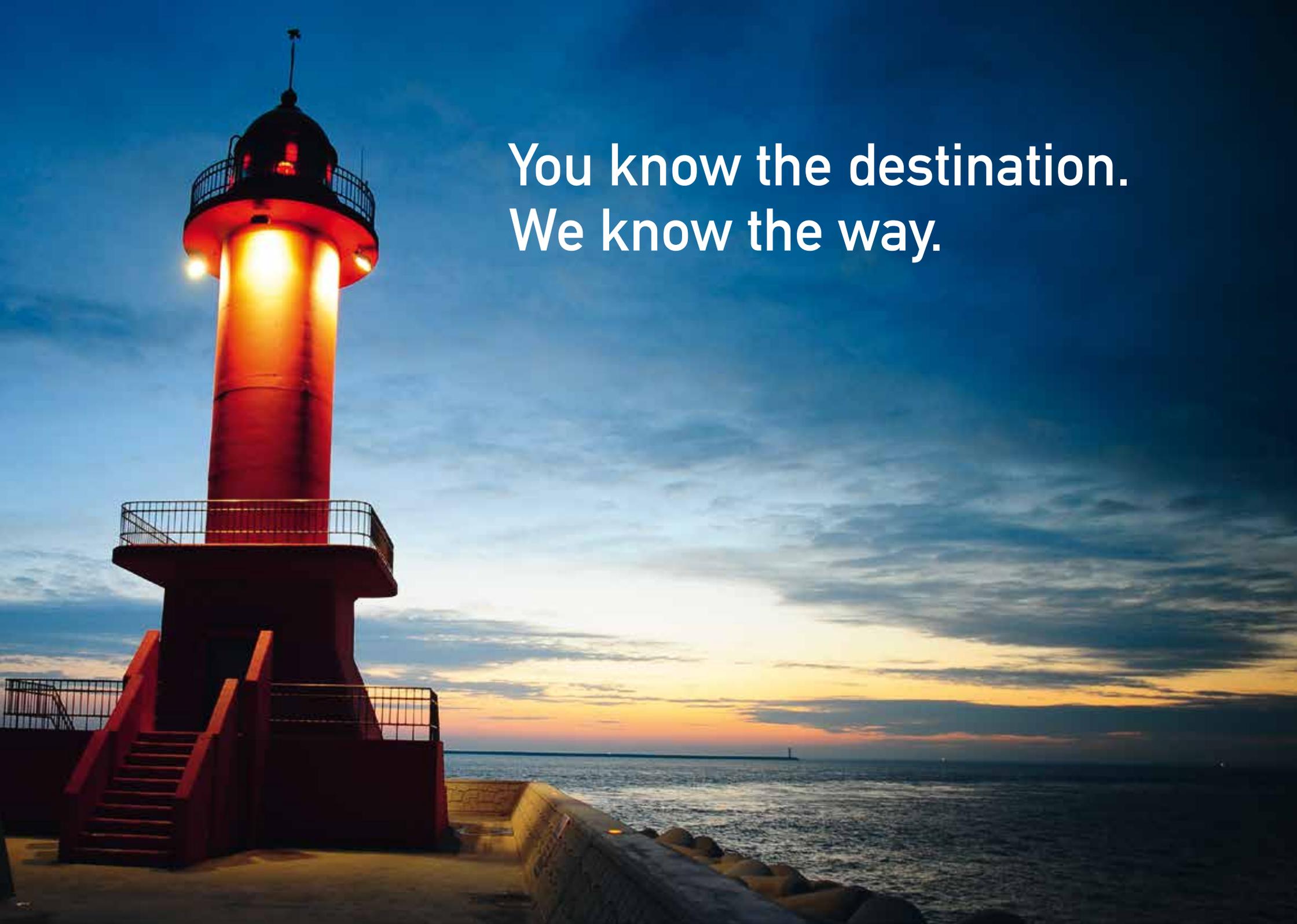


AGES. The easy way to pay.



A tall, red lighthouse stands on a concrete pier extending into the ocean. The lighthouse is illuminated from within, casting a warm glow. The sky is a mix of deep blue and orange, indicating sunset. The ocean is dark with some whitecaps. A small boat is visible on the horizon. The text "You know the destination. We know the way." is overlaid in white on the right side of the image.

You know the destination.  
We know the way.

## AGES – Your partner for pathbreaking toll and vignette systems in Europe

If you would like to head for new horizons as far toll and vignette systems are concerned, you need a partner who knows what he is doing in this field. A specialist like AGES. As a leading provider in Europe, AGES stands for maximum reliability, innovative solutions and smooth operation of country-specific road user charging from the very start.

For almost 30 years AGES has developed numerous innovations and a comprehensive service portfolio. Today, the company operates in all key European markets and is the only provider up to now who has experience in transnational systems. The total toll volume which has been processed to date is more than 70 billion euros. The basis for successful long-term cooperation is an optimum level of security, transparency and confidence.

AGES has a strong and extensive partner network. For you, this means that tolling and payment can be in place even more rapidly, more efficiently, and at shorter notice. And it goes without saying that the resulting scheme is optimally adapted to your needs, meeting regional and national guidelines and standards.

With cutting-edge expertise, AGES shows you how to optimally implement country-specific requirements in individual and efficient toll systems, alongside you all the way in reaching your goal safely.

Complex problems require  
simple solutions.



## Our success principle – Simply complete, completely simple

Road networks are complicated enough. Both, for the operator as well as for the driver. A complicated toll system does not make the route from A to B simpler. This is why AGES always endeavours to make the solution as uncomplicated as possible for everyone. The company ensures this thanks to the knowledge acquired over many years in developing, setting up and operating systems for road user charging.

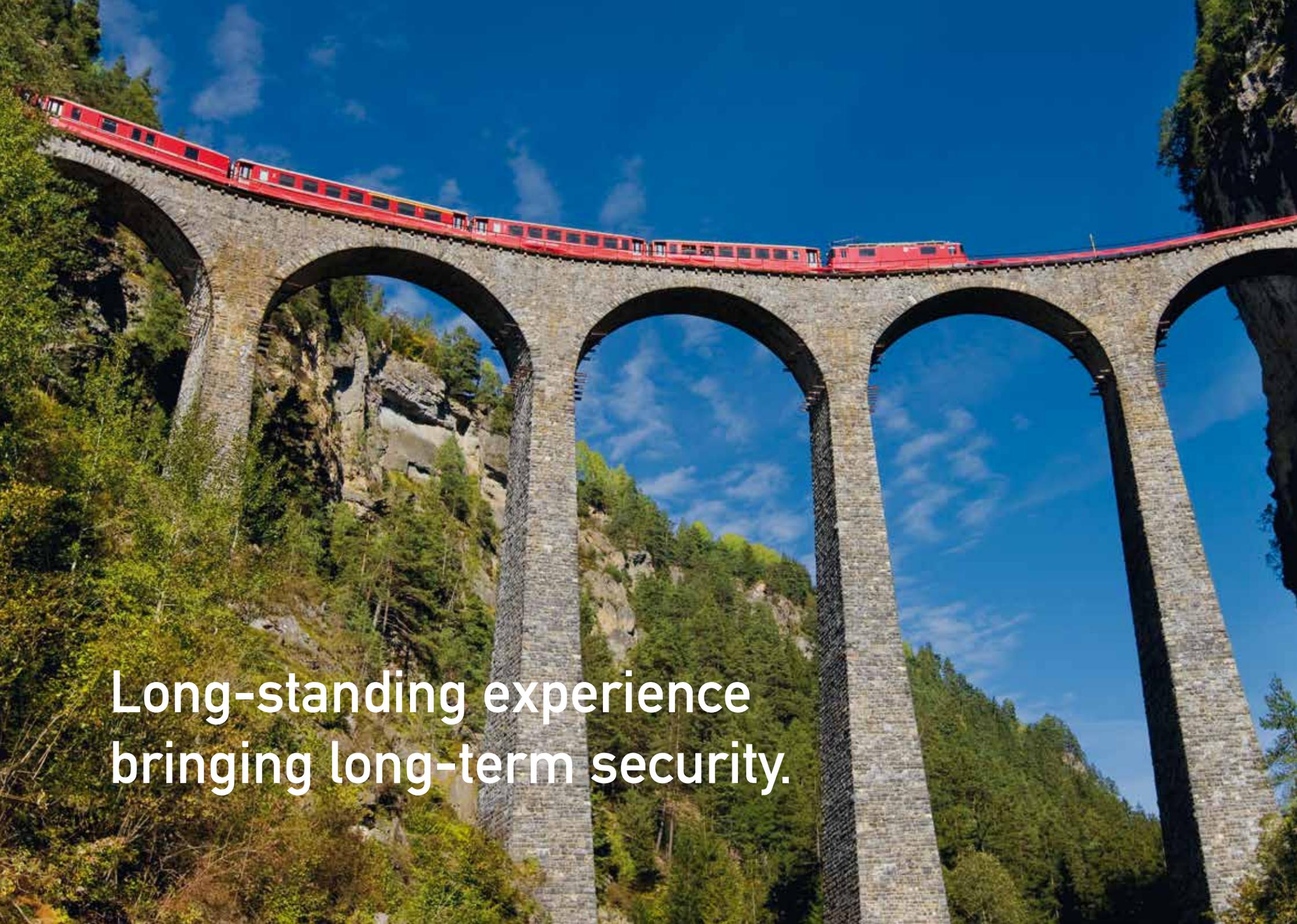
Seven European countries now rely on this success principle: Belgium, Denmark, Germany, Luxemburg, the Netherlands, Poland and Sweden. AGES is responsible for an annual toll volume of nearly six billion euros and the operation of several hundred points of sale in total.

Different countries make different demands on toll and vignette systems. Whether you need a distance-based or time-based system, whether it is for HGVs or cars – as a

full-service operator, AGES always provides turnkey solutions which fully meet your specific requirements. From the planning and development of the system, its financing and maintenance to long-term, trouble-free operation, you will get all solutions from a single source.

AGES provides all services while complying with stringent data protection, information security, quality, environment and business continuity standards.

In short: No matter how extensive the demands are on your new toll or vignette system, with AGES you may rely on a partner who always provides the ideal solution – reliably, simply and completely.



Long-standing experience  
bringing long-term security.

## The AGES portfolio – Performance you can always rely on

Since 1994 AGES innovations have made toll and vignette systems easier to install and operate, increasing their security and efficiency. Based on this broad range of experience the company has implemented efficient and user friendly full service solutions – such as the e-Vignette system. All components – from design up to the secure operation of the system – match together exactly. For efficient solutions you can always rely on.

### Individual design

In close cooperation experts will design and develop a user-friendly and cost-efficient solution that will fulfil your individual needs completely.

### Fast implementation

In-depth experience and knowledge ensure that AGES implements toll systems rapidly and accurately, fitting your exact scope of service, quality and budget. By handling clearly structured requirements partners' contributions can be integrated swiftly, readily accommodating on-board unit suppliers as well as providers of IT services and enforcement technology.

### Full financing

Road user charging systems require high investments. AGES supports different finance models for cooperation with public entities including PPP financing. AGES is also prepared to provide the required collateral in such projects.

### Reliable maintenance

To guarantee perfect operation, all technical installations as well as all software components will be serviced, maintained and updated on a regular basis. The awarding authority can be confident that all requirements will be achieved during the operational phase after consolidated design and test phases.

### Dependable operations

Toll and vignette systems made by AGES guarantee a trouble-free life. The long lasting experience leads to efficiency and security of the processes from which all stakeholders, the road user as well as the awarding authority, can benefit.

Countries are different.  
So are our toll systems.



## AGES strength enhances tolling operations

Modern tolling schemes are highly integrated to fulfil clients' needs reliably, selecting elements that can range from in-vehicle devices (OBU) and roadside sensors to manual ticketing systems. All of them depend upon the efficient, low-cost clearance of payments coupled with well-supported user services and robust enforcement.

AGES has developed special expertise to add value for business partners and road users in these respects:

### Tolling components

- Registration of individual and fleet users with their vehicles and payment means offering ease of use via scalable systems;
- Authorisation of transactions, clearing of payments and collection from users, with transparent and prompt transfer of funds;
- Planning, designing and operating PoS networks;
- Web-enabled booking and ticketing services.

### Practical experience

As a partner of the main contractor AGES provides registration and clearing services in the German, Polish and Belgian tolling scheme. In the Eurovignette member states and its surrounding neighbouring countries, AGES takes care of the PoS network covering eight European countries. During implementation, partners can concentrate upon their other value-added blocks, confident that AGES' expertise will bring time and money savings with minimal implementation risk.

AGES services are standardized, fully scalable and highly reliable. Millions of correct transactions and several billion euros of cleared proceeds prove this. Tolling services can be put in place flexibly, extended readily, and re-used economically, to facilitate evolving policies and programme requirements.

Perfection is the  
sum of all details.



## The e-Vignette – Efficiency meets reliability

With the AGES e-Vignette you rely on an innovative system to charge and to control road user charges – for cars or heavy goods vehicles, on nationwide or transnational motorway networks, for city tolling or for the tolling of bridges and tunnels.

As an innovative product development, the e-Vignette is the modern alternative to paper vignettes and DSRC/GPS systems. It is based on rights of use that are stored electronically and offers a quick and cost-effective solution to implement road user charges. At the same time, the e-Vignette can contribute to traffic management, the financing of the infrastructure and the reduction of CO<sub>2</sub> emissions.

The electronic format makes the e-Vignette an efficient toll system, which can be implemented quickly and operated cost-effectively. Furthermore, this scheme is also very user-friendly due to the number of purchasing options available. And it is a fair system as domestic and foreign road users buy an e-Vignette under the same conditions and both are being controlled in the same manner. Furthermore, the e-Vignette's sophisticated security concept safeguards privacy and payment operations. As a flexible system, the e-Vignette can incorporate differentiated prices based on multiple vehicle parameters or different traffic situations.

**Powering ahead with  
first-class products.**



## The e-Vignette – The engine of your success

The e-Vignette is an effective and at the same time simple scheme. In this system the road user's right to use toll roads exists as a digital, encoded entry in a central database.

### Booking

The driver acquires the right of use via an Internet booking portal, via a smartphone or at a point of sale, e.g. at the petrol station.

### Payment

All major means of payment from cash, credit card to fuel cards and electronic cash are accepted.

### Database

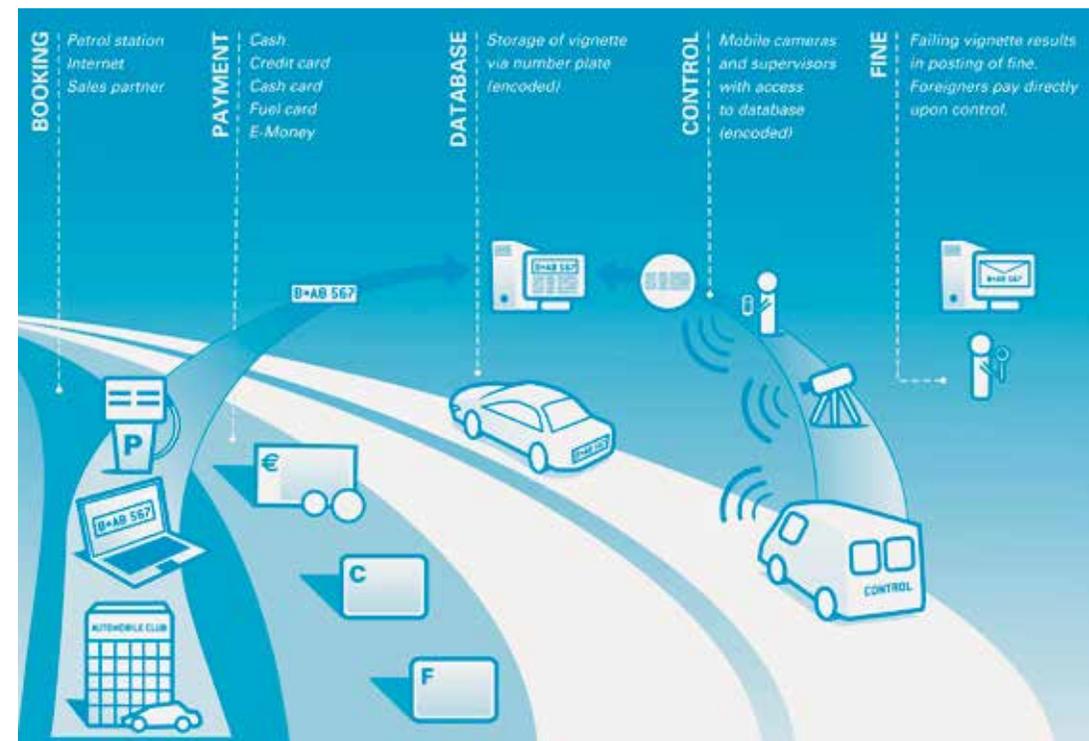
The e-Vignette is stored and encoded in a central database under a registration number.

### Control

Compliance with payment rules is ensured via proven, privacy-protected methods, e.g. radar controls. With the help of a portable monitoring device, the registration number of the vehicle to be checked is recognised automatically, encoded and compared with the centrally stored rights of use, also encoded. If there is no violation, the data is deleted immediately.

### Fine

In the case of an unauthorized road use, proceedings to impose a fine will be initiated without delay. Stopping the respective vehicle would be necessary only in the case of foreign vehicles which might otherwise be able to escape such proceedings.





Trust is the foundation  
to meet any challenge.

## References – An overview in Europe

Countries and road operators throughout Europe rely on solutions from AGES – operating the very latest technologies and comprehensive services.

### HGV toll in Germany

In connection with the German HGV toll, AGES is responsible for registering and billing the toll payers. In addition, AGES guarantees punctual payment of its revenue share with the total annual revenue being more than seven billion euros.

### Electronic Eurovignette

From 1995 to 2008, AGES operated the Eurovignette system in Germany, the Netherlands and the Belt States. The electronic Eurovignette replaced the paper-based vignette system on 1st October 2008. With the help of AGES as the sole service provider, the new system ensures standard processes in all member states of the Eurovignette. System-wise the “e-Vignette” from AGES was used here for the first time. As operator of the electronic Eurovignette AGES ensured its successful development and implementation and is responsible for the operation of all required facilities, including the control centre and the network of several hundreds of points of sale until 2026. The entire

Eurovignette countries with the four member states (Denmark, Luxemburg, the Netherlands and Sweden) as well as the neighbouring countries (Belgium, Finland, France and Germany) are covered.

Over the years, AGES has continuously developed the system so that it always meets the current requirements for security, technology and user-friendliness.

### e-Toll in Poland

In Poland, e-TOLL replaced the existing microwave-based national tolling system in October 2021, using satellite technology to cover the country’s tolled road network of approximately 3,700 km.

AGES takes on a key role including the registration of customers and vehicles, the authorization of payments and the settlement of pre-paid and postpaid payments. The basis is the company’s own payment platform which is connected to major European fuel and fleet cards.

### HGV toll in Belgium

In April 2016 Belgium left the Eurovignette alliance and started an own tolling scheme for HGV. AGES plays a major role in user registration and payment processes for this new tolling system incorporating major fuel card issuers.

If you have any questions or requests, we would be happy to help you. Just give us a call! For further information please also look at our website under [www.ages.de](http://www.ages.de).

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More information on the e-Vignette:

