

## PRESS RELEASE

# MOSOLF uses blockchains for consignment notes

## MOSOLF makes use of its first blockchain to document digital consignment notes in a forgery-proof manner by using distributed ledger technology

Kirchheim unter Teck, 22 January 2019 – Blockchains are now being used for logistics operations: MOSOLF is relying on a forgery-proof blockchain solution for its digital consignment notes. The local application, which is based on distributed ledger technology (DLT), makes it possible to provide security for processes and documents by means of smart contracts.

MOSOLF is working with both the technology consulting company, ETECTURE, which is responsible for the concept and infrastructure for the manipulation-proof digital consignment notes, and LAWA Solutions, which specialises in corporate software in the automobile logistics sector.

The goal is to further enhance the security and efficiency of processes within the value-added chain for automobile logistics. This entails using a digital consignment note, which covers the various stages in the logistics process ranging from loading to transportation and even the handover of the items. A fingerprint, what is known as a hash value, is generated through this document and is transferred to the blockchain. The blockchain network checks whether the transaction is unique using a smart contract and also establishes the link between the vehicle and the freight document. A valid transaction is recorded in the blockchain together with the time stamp and the GPS coordinates. A web service enables those with access to the blockchain to verify the validity of any freight document and the vehicle identification number (VIN) that it contains.

ETECTURE has developed the infrastructure required for this and the smart contracts that are being used; the local application relies on the telematics software developed by LAWA Solutions to record and process the data.

“This is an important milestone for MOSOLF and it underlines our company’s innovative capacity. As a result, we’re able to create transparency along our value chain and offer our customers genuine added value,” says Dr Jörg Mosolf, CEO of MOSOLF SE & Co. KG.

“By launching our first blockchain and learning from the insights that we’ve gained, we can now complete further projects. We’re working on other solutions with ETECTURE and LAWA Solutions in order to simplify the entire value-added process for our customers, from the end of the production line to recycling, and to develop new opportunities for application,” Antonio Marsano, Head of IT and Digitalisation at MOSOLF, adds.

### **About the MOSOLF Group: system services from one source**

*The MOSOLF Group is one of the leading automotive logistics providers in Europe. The range of services at the family business, which was founded in 1955 and has its headquarters in Kirchheim unter Teck, includes tailor-made logistics, technical and service solutions. They are provided through a network of business sites across Europe and a multi-modal fleet that combines different modes of transport. The MOSOLF Group’s services cover the complete value-added chain for automobile logistics: from the end of the conveyor belt to recycling. In addition to transporting vehicles (cars, light commercial vehicles, “high & heavy”), its business operations include workshop services, special vehicle construction, industrial coatings, mobility services, releasing agent services and vehicle recycling. MOSOLF provides all-round, customised solutions within this context for the automobile industry, fleet operators and car dealers from one source and also handles the associated data flow by means of modern software solutions.*

[www.mosolf.com](http://www.mosolf.com)

### **About ETECTURE GmbH**

*ETECTURE is one of the leading technology consulting companies in Germany. The digital architects offer strategic advice, develop tailor-made software and then introduce it, all from one source. Its customer base includes groups like Deutsche Bahn, Volkswagen and BMW as well as medium-sized enterprises like MOSOLF and the publishing company Bergmoser + Höller. ETECTURE GmbH, which was founded in 2003, has its headquarters in Frankfurt and other branches in Karlsruhe and Düsseldorf. Stefan Dangel and Francesco Loth are the company's managing directors. ETECTURE employs more than 130 people overall.*

www.etecture.de

### **LAWA Solutions GmbH**

*LAWA Solutions GmbH is the leading provider of cloud-based software solutions in the mobility and automobile logistics business. Logistics processes are mapped with innovative services from the end of the production line to recycling without the need for any paper. With interfaces to all the major automobile manufacturers (OEMs), leasing firms, automobile clubs, insurance companies and vehicle forwarding agents, the platforms developed by LAWA Solutions GmbH handle approx. 4 million vehicles every year.*

www.lawa-solutions.com

### **If you have any questions about this press release, please contact:**

Nadine Gross  
Medienbüro am Reichstag GmbH

Tel.: +49 (0)30 30 87 29 93  
Fax: +49 (0)30 30 87 29 95  
E-mail: [nadine.gross@mar-berlin.de](mailto:nadine.gross@mar-berlin.de)

#### **For any questions regarding ETECTURE, please contact:**

cocodibu GmbH  
Ann-Katrin Lochmann  
E-Mail: [ak.lochmann@gmail.com](mailto:ak.lochmann@gmail.com)

#### **For any questions regarding LAWA Solutions, please contact:**

LAWA Solutions GmbH  
E-Mail: [info@lawa-solutions.com](mailto:info@lawa-solutions.com)

