

## *Data exchange along the whole supply chain secure, fast, reliable*

### Background

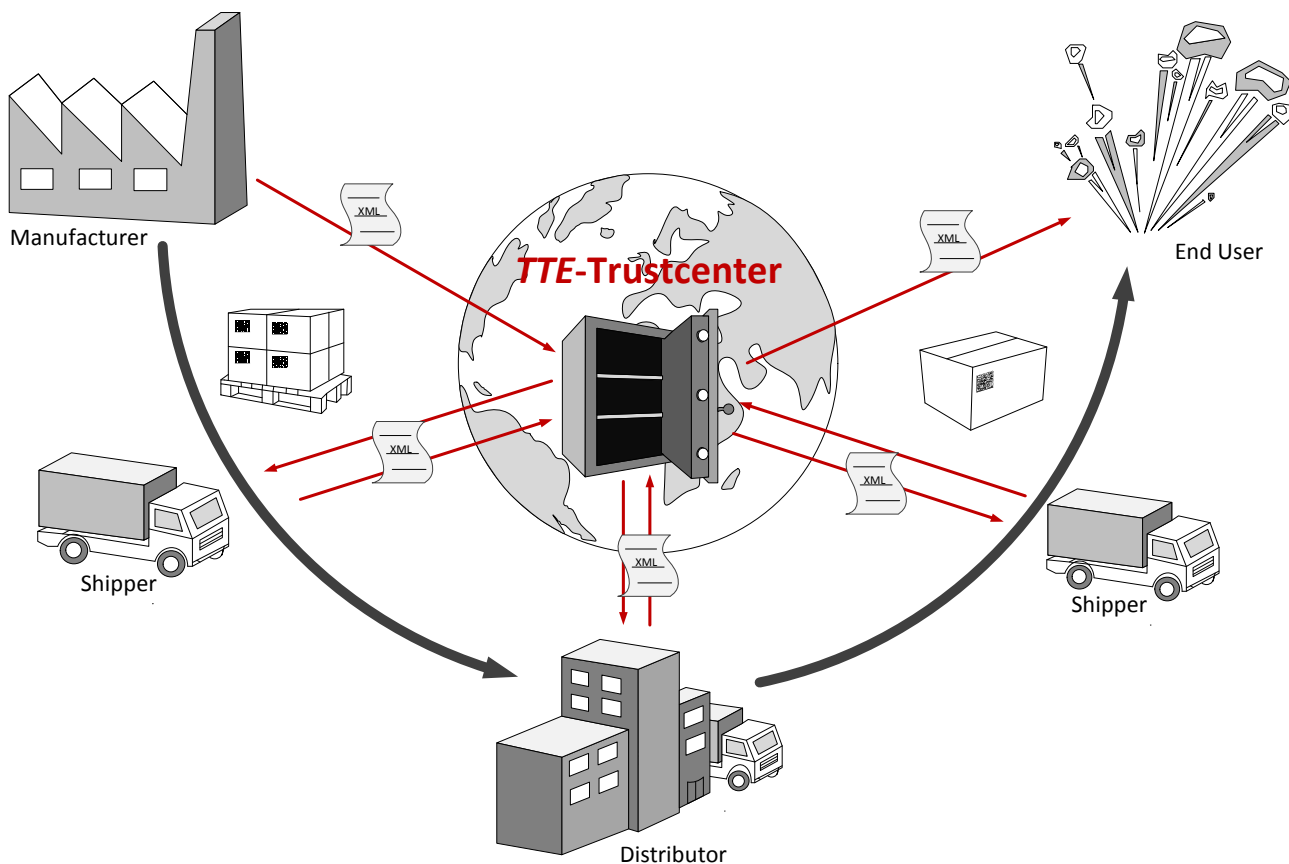
A substantial challenge of the EU-identification directive results out of the obligation of all involved companies to consistently register and store the data of all single explosives.

Without respective support by specialized software systems every single company of the supply chain – from explosives manufacturer, shippers and dealers to the end user would be in charge of registering the unique serial number and other data required by law for every single item. This approach would result next to legal and technical problems, in considerable additional effort and substantial additional costs.

In order to avoid above mentioned problems all data of the packed products as well as of the packaging hierarchies should be registered and saved by the explosives manufacturers already at production and packaging of goods.

Parallel to the delivery of goods these data need to be handed over to the shipper and recipient of goods electronically.

When receiving the goods, the recipient will be able to ensure by random sampling that all received data corresponds to the delivered goods and take over all necessary information into his tracking system by only few scans.



## **TTE-Trustcenter**

The transferred data need to contain all relevant information about the delivery as well as a list of all in the delivery included single items. Sensitive data of this kind may exclusively be transferred through secure channels. Thereby it needs to be ensured that data may not be red or changed by unauthorized persons and that the recipient of goods receives the complete data on time.

*TTE-Trustcenter* as standardized Europe-wide available platform is the answer to named challenges. Thanks to *TTE-Trustcenter* required data may be transferred fast, securely and well-priced between all trading partners.

*TTE-Trustcenter* supports all common data format and standards in this industry.

All important European and non-European explosives suppliers support the data exchange with their clients by means of the *TTE-Trustcenter*. Additional costs can by this means be reduced to a minimum and secures at the same time that no “misunderstandings” occur between supplier and client.

## **Advantages**

By using *TTE-Trustcenter* following advantages may be experienced:

- a general standardized system for data exchange between all clients and suppliers, instead of individual arrangements with all single partners
- secure data exchange by modern encryption methods
- highest data security and availability by exclusive use of certified European computer centers
- permanent automatic adaptation to changed standards and legal regulations
- easy application as no complicated adaptations are necessary
- permanent status control of the single delivery messages
- contractual reliability by guaranteed and documented data exchange
- minimal costs