

SOFTWARE.

## LSM SMART.XCHANGE

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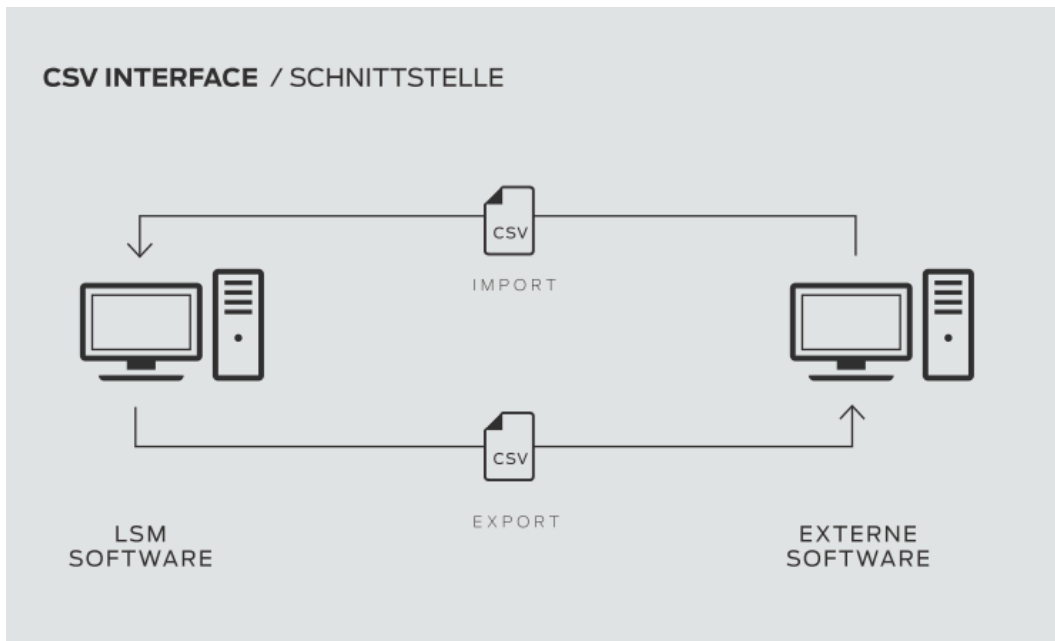
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#### 1 Product description

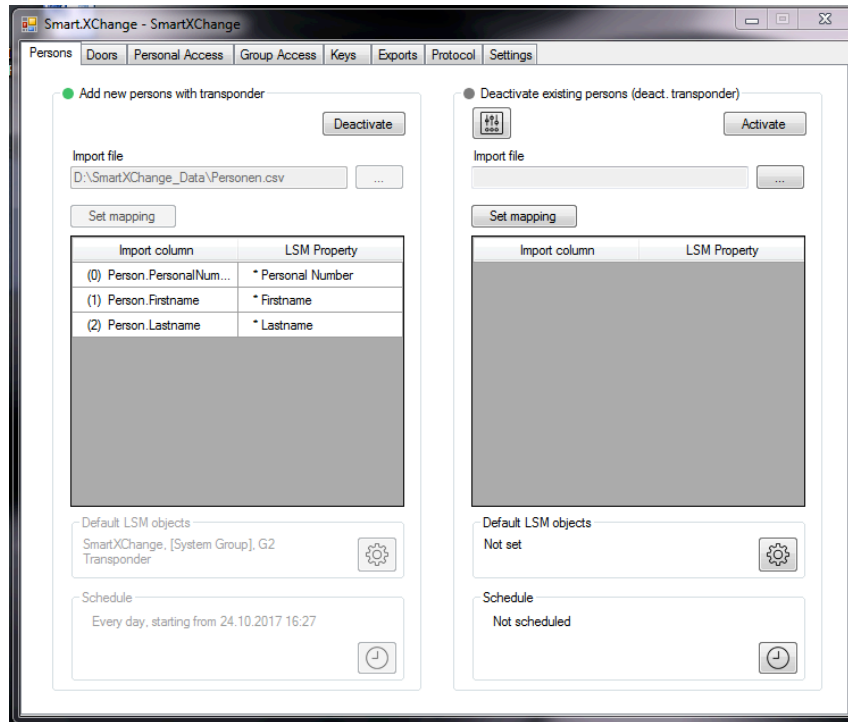
What is Smart.XChange and what is it used for?

Smart.XChange is an interface which automates data exchange between LSM and a third-party system. It enables users to either export datasets from LSM into other software or vice versa: import data into LSM.

The data is exchanged using the CSV file format, i.e. a text file to save or exchange simply structured data.



**Figure 1: How Smart.XChange works**



**Figure 2: Screenshot of Smart.XChange**

## 2 Applications and benefits

*Smart.XChange is used for applications such as:*

- Importing personnel data from a personnel administration system for employee management
- Synchronising door and building data with a computer-aided facility management system (CAFM)
- Exporting authorisation information: which people may use specific doors?

*What benefits does Smart.XChange offer?*

- Saves time thanks to automatic import instead of manual input, i.e. no need for duplicated data management
- Data consistency: avoids mistakes due to individual synchronisation
- Standardises and simplifies recurrent tasks

### 3 Functions

Smart.XChange can be used to import and export specific data objects. Work steps such as adding new persons are automated as a result.

#### Import functions

- Adding a new person and creating a transponder at the same time
  - Updating personal data such as department or leaving date
  - Assigning transponder groups
- Blocking persons (deactivating transponders, deleting a person, disassociating person from transponder)
- Adding a new door and creating locking device at the same time
  - Importing/updating door and room data, such as room number, building
  - Assigning area
- Granting/withdrawing individual authorisations
- Granting/withdrawing group authorisations
- Adding replacement transponders

#### Export functions

- Persons (name, personnel number, department...)/transponder (ID, serial no., status, type...)
- Locking devices (type, name, ID, door name, room number, floor...)
- Transponder groups
- Areas (name, ID, description...)
- Individual authorisations
- Group authorisations

### 4 System requirements

The LSM.SMART.XCHANGE module must be registered alongside LSM Business or LSM Professional. A licence is also generally required for ADS Server; the user requires administration rights and the following software must be installed:

- NET Framework Version 4.0 (full version, not client version)
- Microsoft Visual C++ 2010 redistributable package (x86)