ITAS: modular tank-farm-automation-system

Printouts
Loading documents
Statistics

Stock monitoring
Compulsory stock
Loading stock

ITAS

Driver validation
Driving license
safety Training

Vehicle validation
Security checks

Loading order validation
Loading date / Quantity

ITAS, a modular system: LIGHT-BASIC – additional modules – individual adaptation
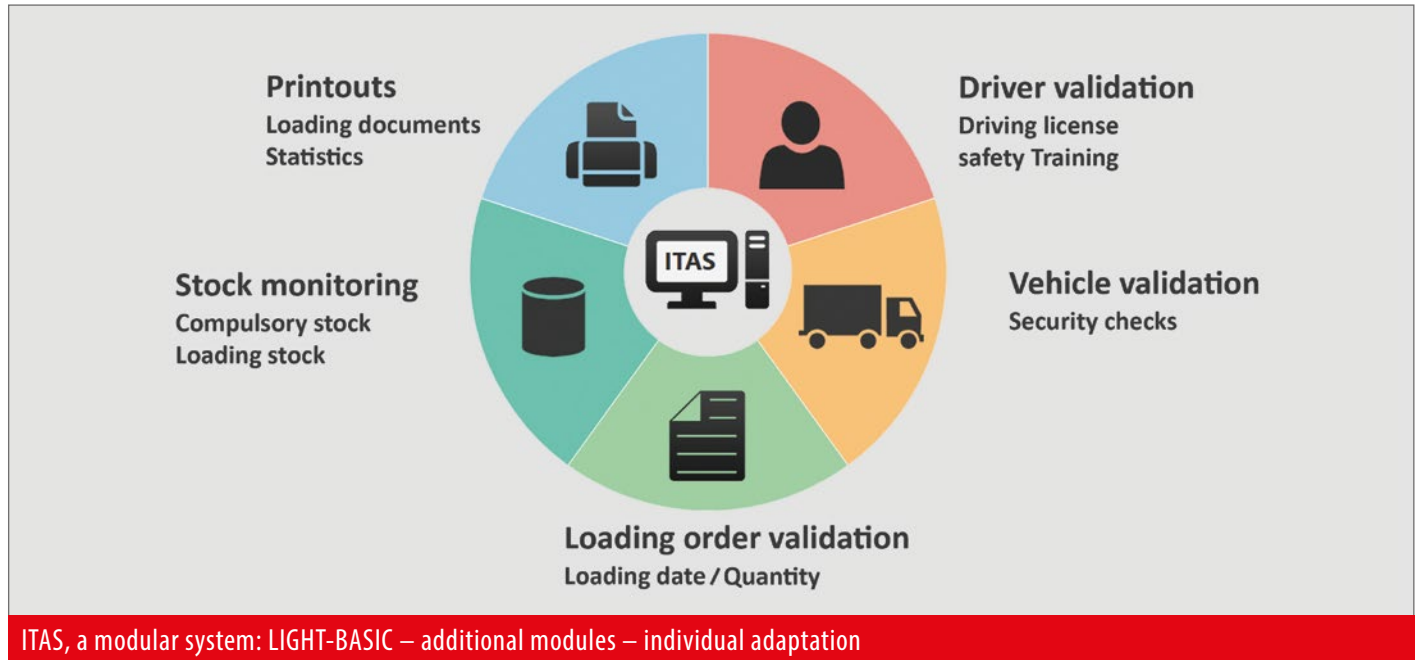
The INRAG tank depot automation system **ITAS** controls the loading units in the depot. The modular constructed, windows based software validates drivers, vehicles, ordersand controls the loading process. Communication with the terminals and controllersis carried out via TCP-IP. * ITAS can be installed on a Windows PC or Server (Linux is also possible). The loading data is stored on the local hard drive, processed and loading papers are generated by ITAS.

Functionality of **ITAS light**:
- Validation of the driver: Driving licence, safety training …
- Validation of the vehicle: Security checks …
- Validation of the loading order: Product, quality, quantity …
- Release of the load if validation result is positive
- Printout of the loading data on receipt printer / UPC (Original document comp.)

Extended functions of **ITAS basic**:
- Monitoring and logging of all incoming and outgoing product quantities as well as depot internal transfers (inventory accounting)

ITAS add-ons include communication with the SPS, access to ERP-Systems via PIDX/SwissEdi or direct with your business partners. Automatic data transfer to the oil companies or to the customs can be carried out via E-mail, FTP/SFTP in Text, PDF, CSV or other formats. A module to automaticaly backup your System within your network or online is also available.

Customer specific adjustment: for example individual printouts and statistics.

Software specification:
- Windows application
- Linux OS on demand
- Connection: M+F / FMC / Honeywell
- Export files: CSV / PDF / XML
- Transfer files: FTP, SFTP, E-Mail
- Multilingual

Extensions / add-ons:
- SPS interface
- ERP interface
- Automatic E-mail transfer
- Backup system
- Customs interface
- Tank wagon loading
- Ships loading
- Tank content measurement
- Pipeline connection
- Compulsory warehouse management
- Remote maintenance
- **as well as individual adjustments**

* Communication takes place via M+F Edi (TCP-IP / Can Bus interface)