

connect:



Connect Desk 1.6.12

SINGAPORE | MALAYSIA | THAILAND | INDONESIA | PHILIPPINES | VIETNAM



TABLE OF CONTENT

1 CONNECT: DESK VERSION 1.6.12 3

1.1 CONNECT: DESK – THE ADMINISTRATION AND ANALYSIS SOFTWARE 3

1.1.1 How to use “User Setting” 7

1.1.2 Desktop Card Reader Setup 8

1.1.3 Configure Settings..... 11

1.1.3.1 Global settings 11

1.1.3.2 Database 11

1.1.3.3 Organization..... 11

1.1.3.4 Save/restore database 11

1.1.3.5 Company Logo..... 11

1.1.3.6 Email SMTP 11

1.1.3.7 Pre-op Check Name..... 12

1.1.3.8 Connect: online account 12

1.1.3.9 Communication Server..... 12

1.1.3.10 Shift models 12

1.1.3.11 Instructions classes 12

1.1.3.12 Driving licenses 12

1.1.3.13 Checkup classes 12

1.1.3.14 Maintenance classes..... 12

1.1.4 User administration 12

1.1.5 Administration 13

1.1.5.1 Add Truck 13

1.1.5.2 Add Driver 16

1.1.6 Organization 19

1.1.7 Reports..... 19

1.1.8 Sync..... 20

2 CONNECT: COMPOSER 21

2.1.1 Update FDE 23

2.2 PRE OP 24

2.3 PRE-OP QUESTIONNAIRES 29

1 Connect: desk version 1.6.12

1.1 Connect: desk – the administration and analysis software

Administration of forklift trucks and drivers across the organizational structure by site, department, and work group or by truck class, administration of forklift trucks and drivers, assignment planning for the fleet, monitoring and analysis of forklift truck data, or even maintenance planning – Connect: desk takes care of all aspects of fleet management.

The software is scalable and the user interface is intuitive. Connect: desk is suitable therefore for small and large fleets of forklift trucks, as well as for experienced fleet managers and occasional users who only require individual functions.

Connect: Desk consist of Dashboard, Organization, Administration, Reports and Settings.

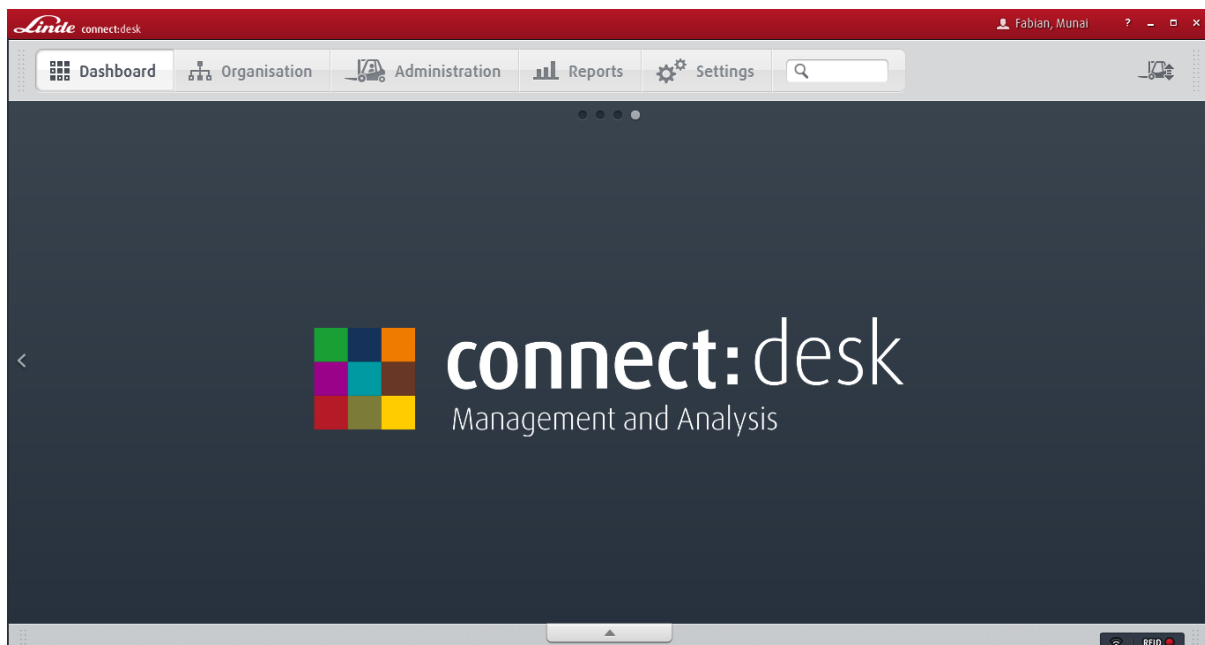


Figure 1-1: Connect: Desk - Dashboard

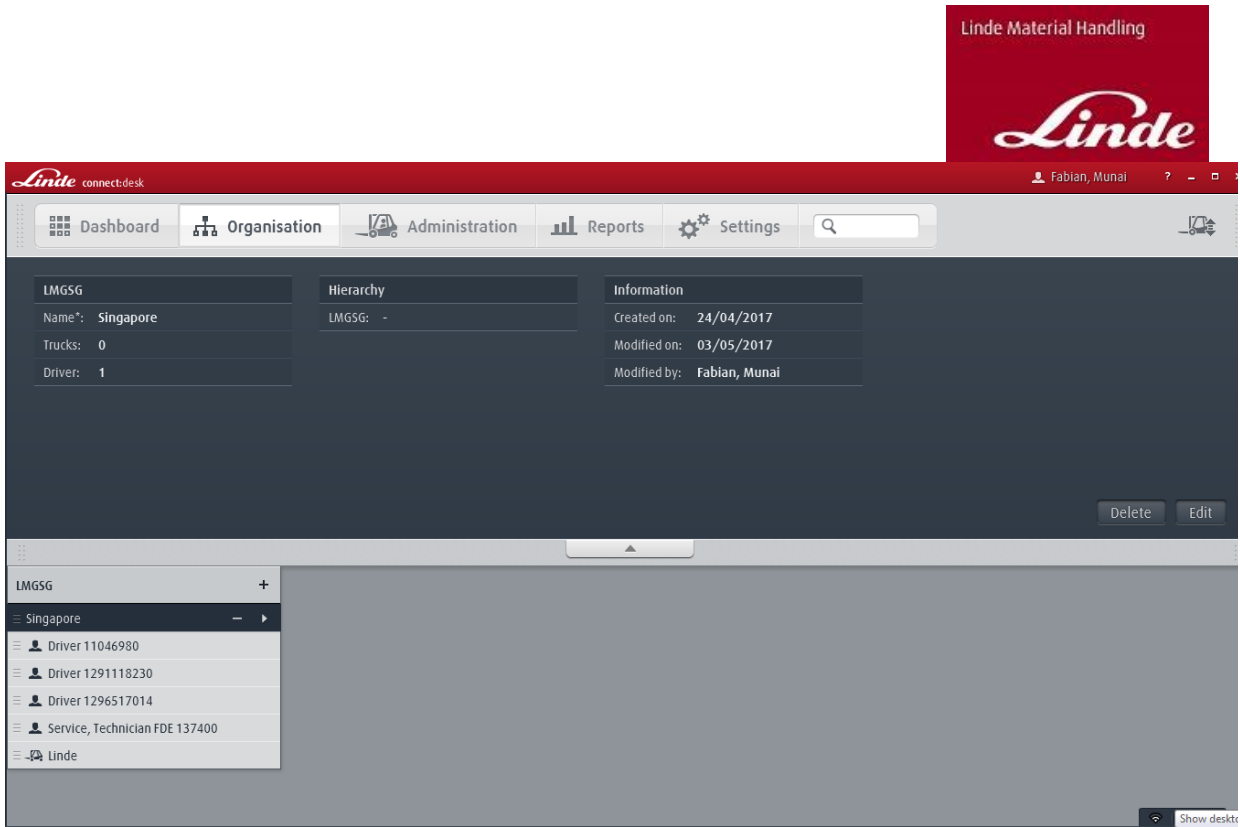


Figure 1-2: Connect: Desk - Organisation

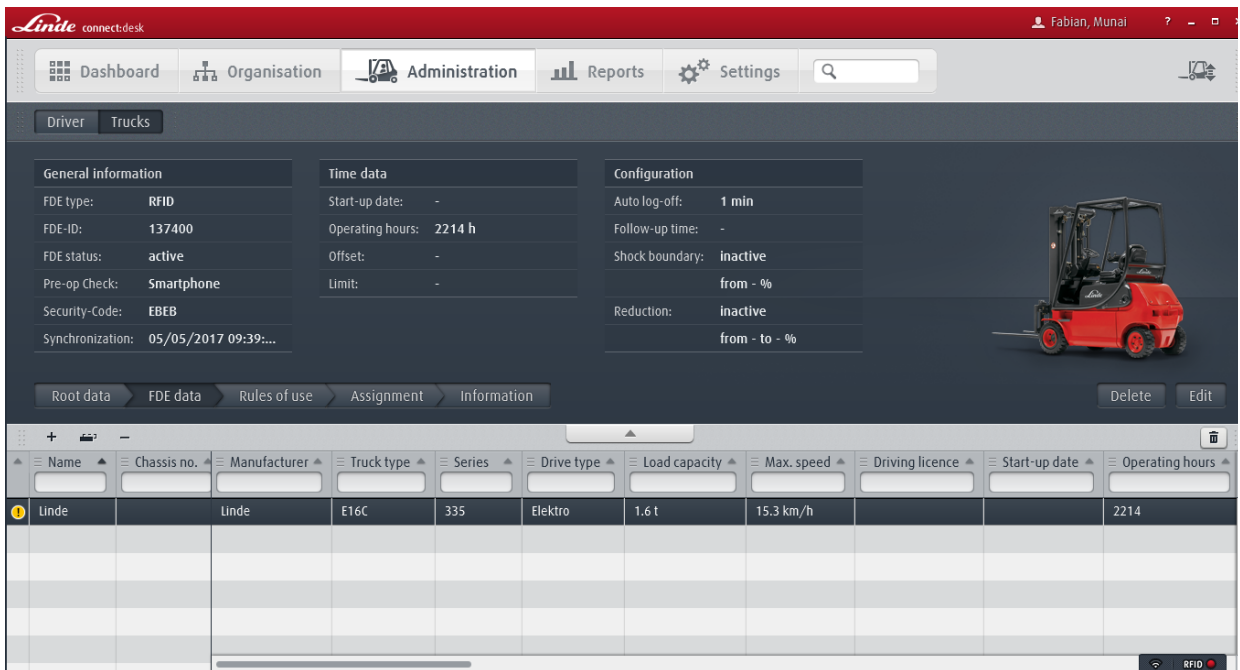


Figure 1-3: Connect: Desk - Administration

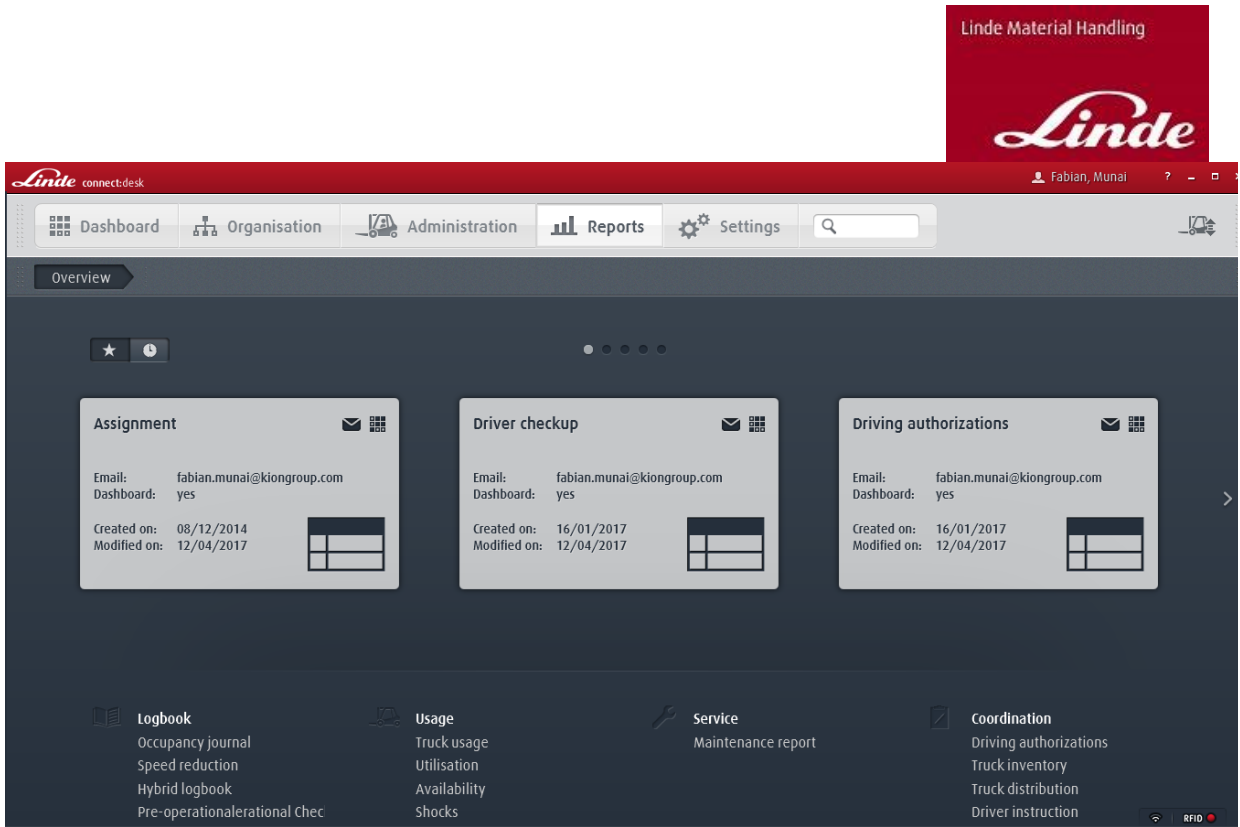


Figure 1-4: Connect: Desk - Reports

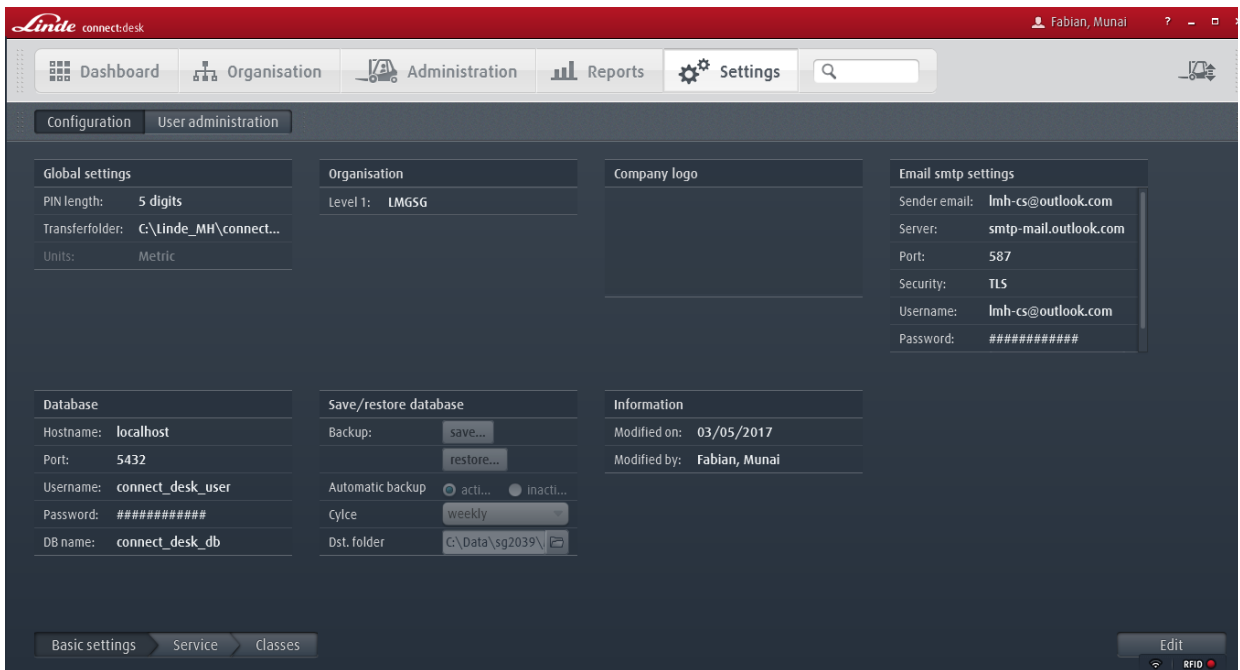


Figure 1-5: Connect: Desk - Settings

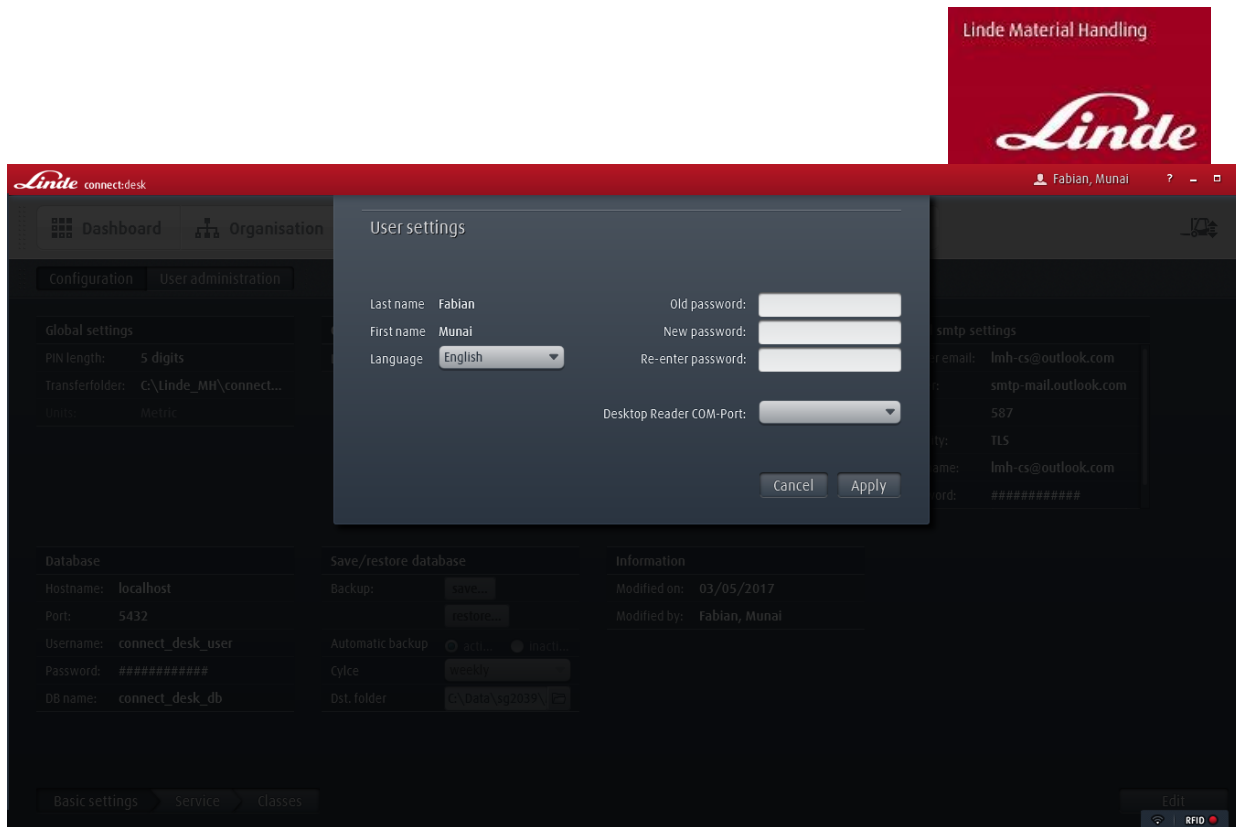


Figure 1-6: Connect: Desk – User Settings

1.1.1 How to use “User Setting”

User Settings allows user to change language, change password and assign Desktop card reader (for customer who opt for RFID Card). Refer to 1.1.2 on Details on how to setup the card reader

1. Navigate to the user account
2. Select User settings as shown in Figure 1-7

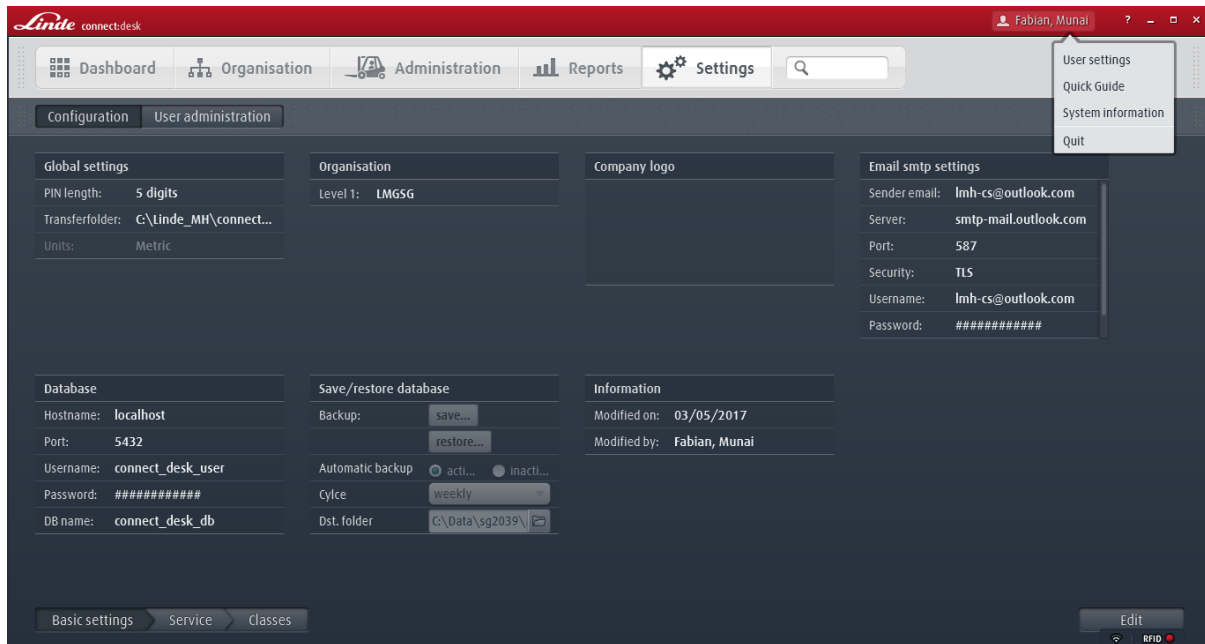


Figure 1-7: User settings

1.1.2 Desktop Card Reader Setup

1. Please ensure that you have the card reader shown in Figure 1-9



Figure 1-8: Desktop Card Reader (Part No: 791 899 0104)

2. The driver located in the zip folder shown in Figure 1-10

00 -----	5/5/2017 11:42 AM	File folder
01 Bluetooth Driver	13/1/2016 1:48 PM	File folder
02 Preop Check 30_V1.30	5/5/2017 11:43 AM	File folder
03 RFID DesktopReader Driver	17/12/2015 10:45 ...	File folder
04 Firmware FDE	17/12/2015 10:45 ...	File folder
10 -----	17/12/2015 10:45 ...	File folder
11 connect_desk 1.6.12	17/12/2015 11:03 ...	File folder
12 connect_composer	17/12/2015 10:45 ...	File folder
80 -----	17/12/2015 10:45 ...	File folder
81 Manuals connect_desk	17/12/2015 10:45 ...	File folder
82 Manuals connect_composer	17/12/2015 10:45 ...	File folder
83 Manuals Driver Installation Configuration	17/12/2015 10:45 ...	File folder
90 -----	17/12/2015 10:45 ...	File folder
95 PostgreSQL Server Version	17/12/2015 10:45 ...	File folder
99 -----	17/12/2015 10:45 ...	File folder

Figure 1-9: 03 RFID Desktop Reader Driver

3. After the installation, go to Start>Control Panel>System>Device Manager, the Prolific USB-to-Serial (COMX) will show. Please check the com port number to ensure you have the right com port to set in connect: desk. As shown at Figure 1-10.

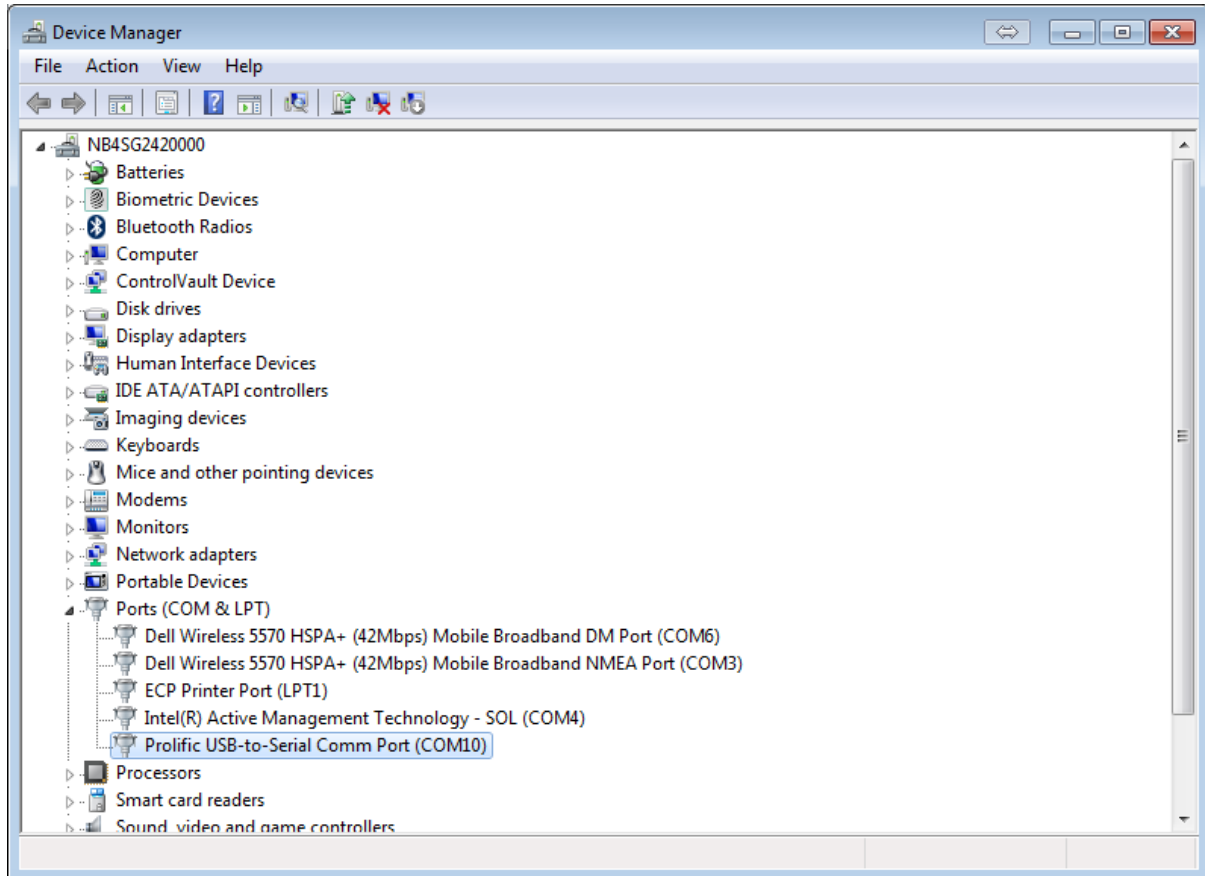


Figure 1-10: Device Manager

4. Open Connect: desk and navigate to user settings

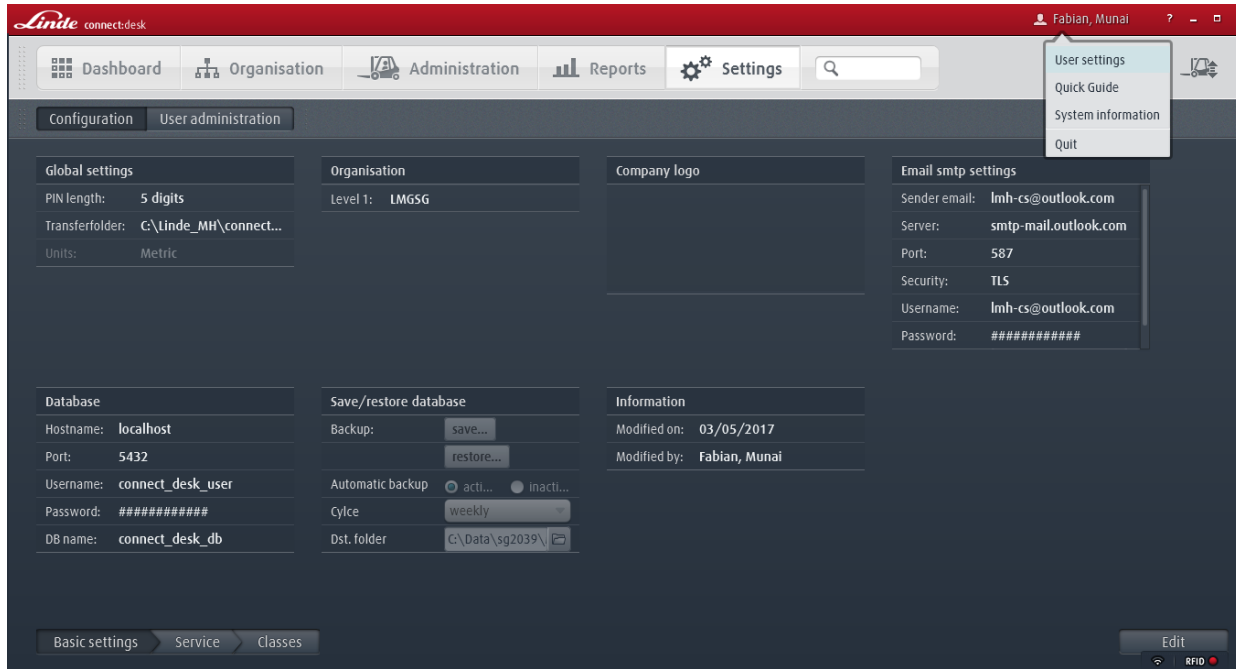


Figure 1-11: User settings

5. On figure 1-12, chose the correct desktop reader COM Port.

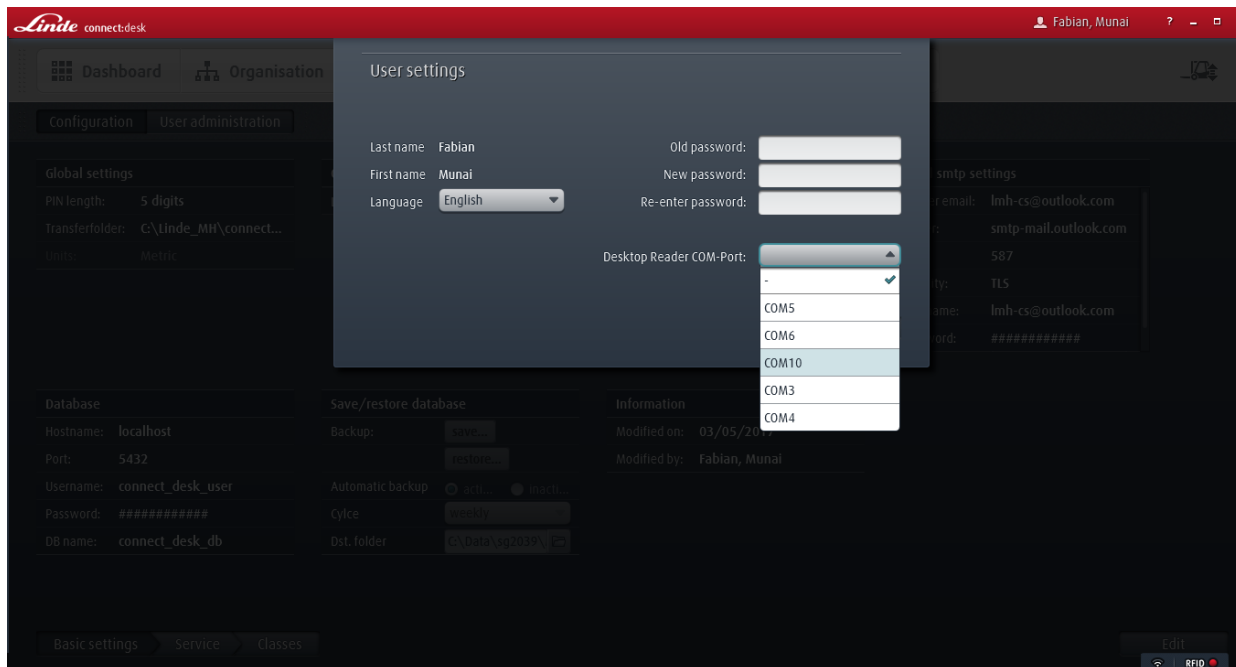


Figure 1-12: User settings, desktop reader

6. Click Apply

7. Once the correct COM is select, the RFID indicator will change from RED to BLUE as shown in figure 1-13.

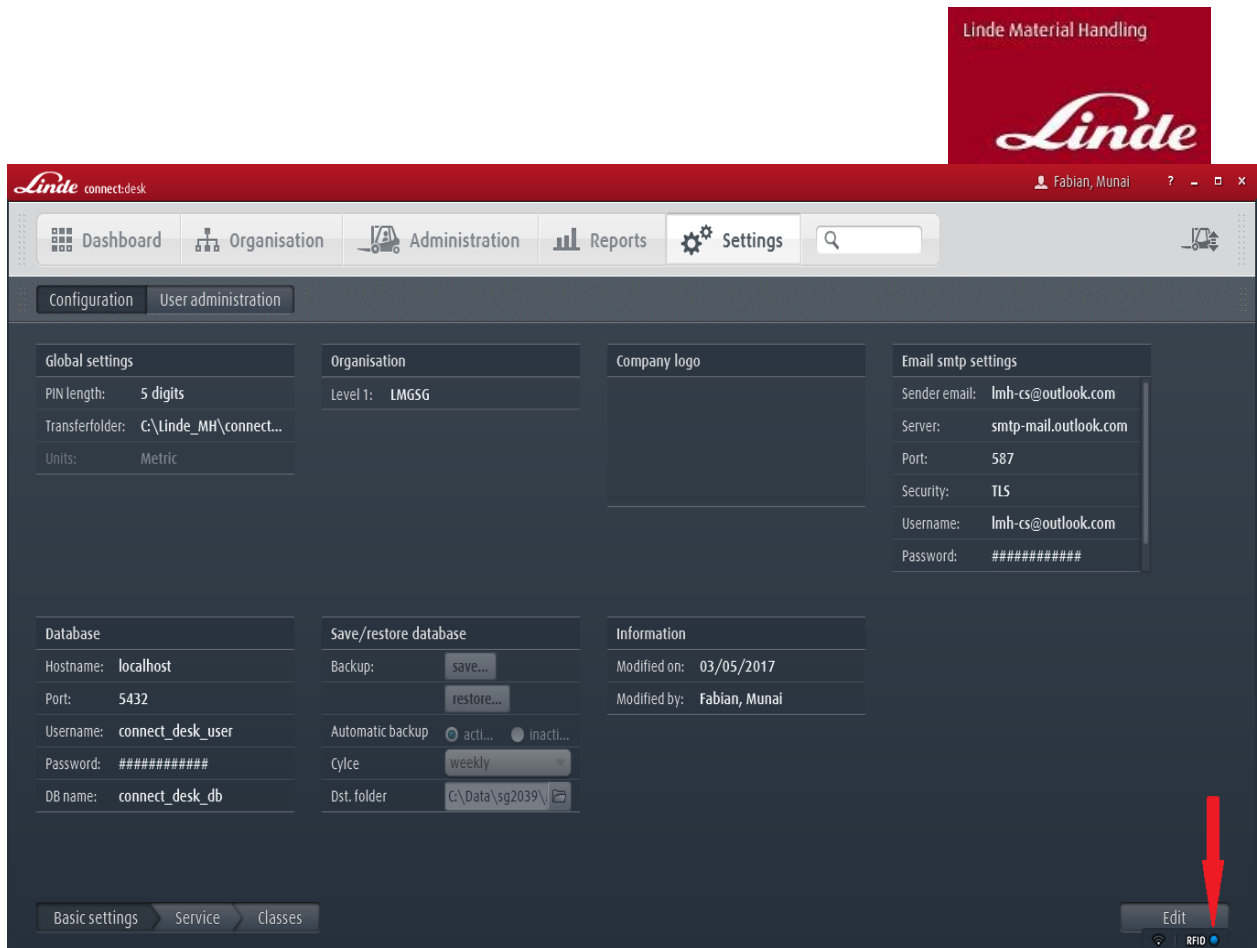


Figure 1-13: RFID indicator

8. The Card Reader is ready to use.

1.1.3 Configure Settings

1.1.3.1 Global settings

1. Pin length is set to 5 digits
2. Transfer folder is REQUIRED to ensure the data transferred between connect:desk and connect:composer.
3. By default, the transfer folder should be C:\Linde_MH\connect\transfer.

1.1.3.2 Database

1. DO NOT change any settings on this option.

1.1.3.3 Organization

1. The best practice is to put in the organization name, for example LMHSG

1.1.3.4 Save/restore database

1. Set automatic backup as active
2. Cycle depend on customer either weekly or monthly
3. Destination (Dst.) folder, This is depend on the user.

1.1.3.5 Company Logo

1. Optional

1.1.3.6 Email SMTP

1. This option is to set the SMTP server in-order to have report sending out to the relevant user. For customer, please ask their internal IT for this information. For internal LINDE. Please use the following:
2. Sender email : lmh-cs@outlook



3. Server : smtp-mail.outlook.com
4. Port : 587
5. Security : TLS
6. Username : lmh-cs@outlook.com
7. Password: :

1.1.3.7 Pre-op Check Name

1. 0 – green : OK
2. 1 – yellow : Warning
3. 2 – red : Error

1.1.3.8 Connect: online account

1. Please register, if the customer is using GPRS. For Bluetooth is optional

1.1.3.9 Communication Server

1. Proxy : 0.0.0.0
2. Port : 8080

1.1.3.10 Shift models

1. Please check if the customer requires any shift. E.g : 00:00 – 23:49 (For 24 Hours Shift)

1.1.3.11 Instructions classes

1. Please check if the customer requires any instruction classes

1.1.3.12 Driving licenses

1. Please check if the customer requires any driving licenses

1.1.3.13 Checkup classes

1. Please check if the customer requires any checkup classes

1.1.3.14 Maintenance classes

1. Please check if the customer requires any maintenance classes

1.1.4 User administration

1. Please enter the relevant information. The password reset is always set to "linde"

1.1.5 Administration

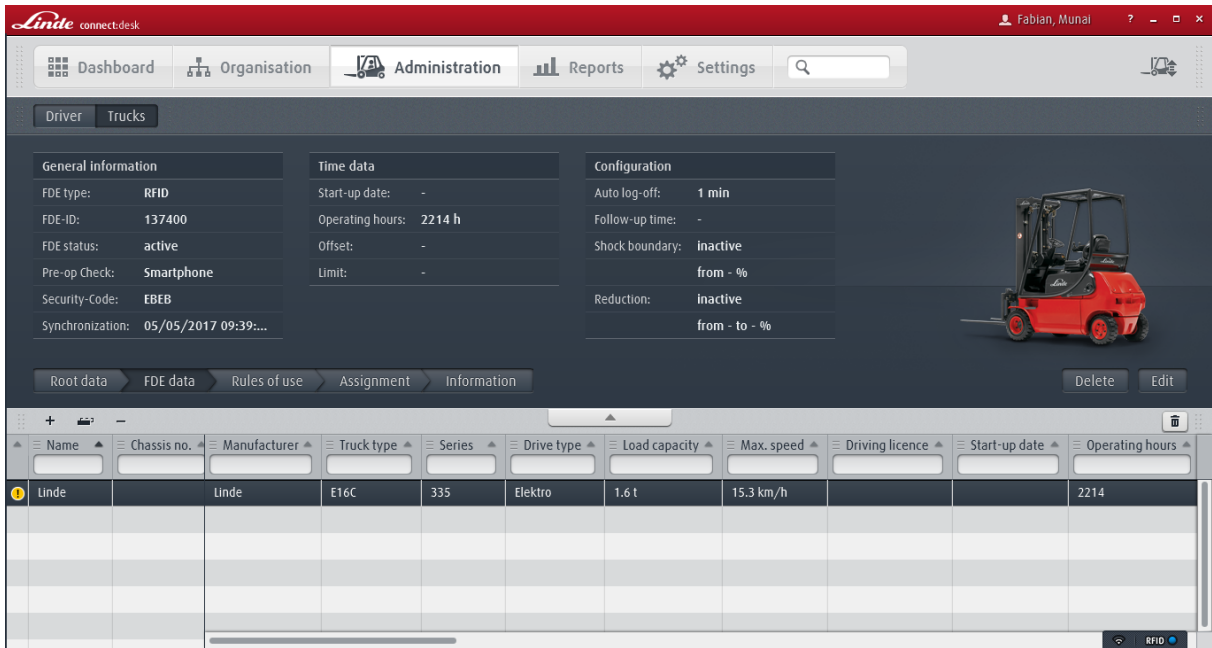


Figure 1-14: Administration

1.1.5.1 Add Truck

1. To add new truck, click on the “+” sign

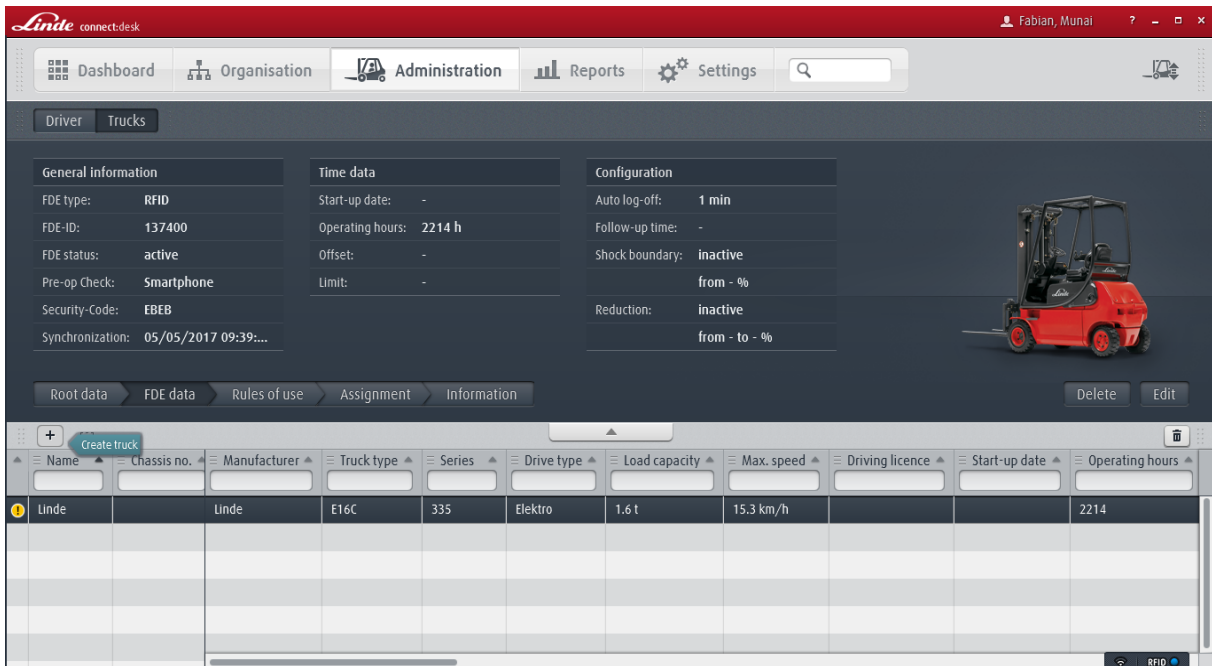


Figure 1-15: Add Trucks

2. Enter the relevant information such as Name (preferable Plant No), Chasis no, manufacture, truck type and series on Root data, then proceed to FDE data

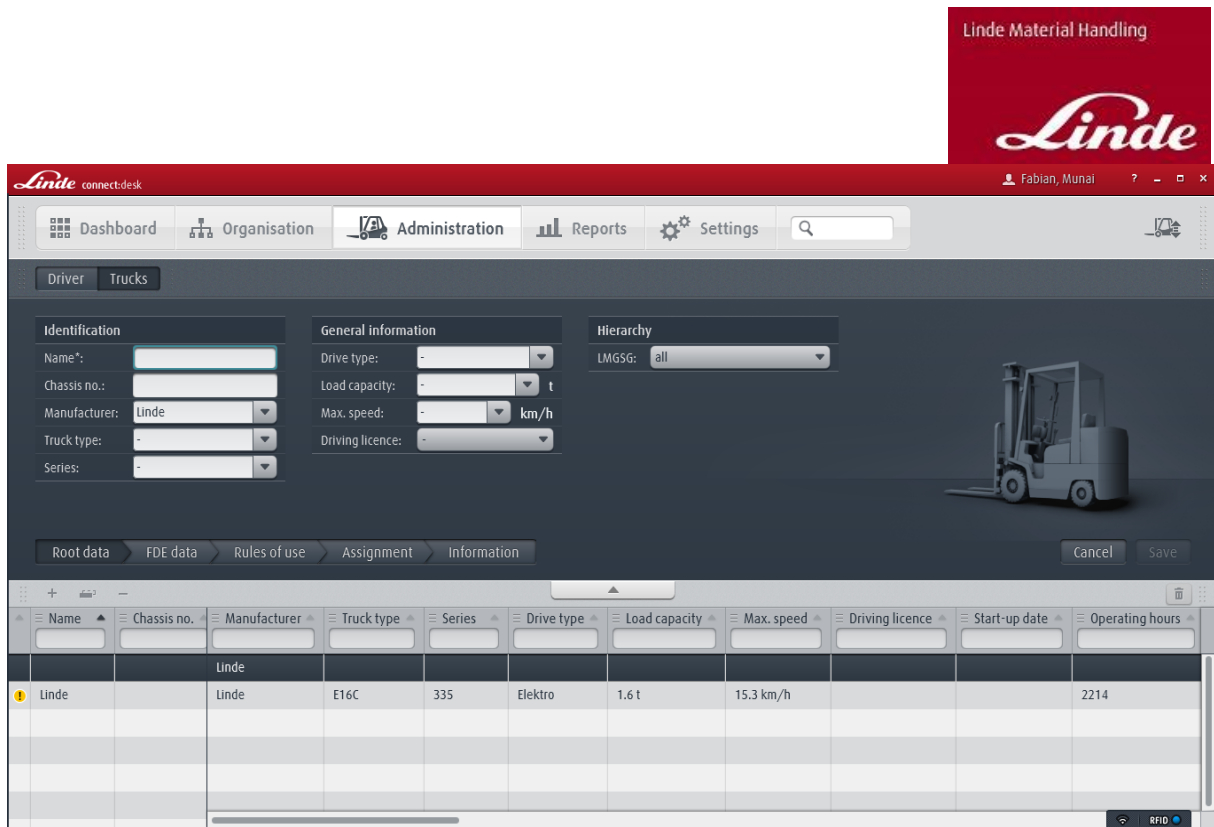


Figure 1-16: Add Truck Information

3. Enter the relevant information such as FDE type, either pin/RFID, FDE-ID (PIN 5 Digits, RFID 6 Digits), FDE status set to Active, Pre-op Check (Set to Inactive, FDE or smartphone. For smartphone, additional steps required in setting up the Apps).
4. Ignore the time data
5. For Auto log-off, ideally set to 1 minute
6. Shock boundary set to inactive, if required by customer, select active and ideally set to 60%
7. Reduction if set to active, the percentage is from 30% to 50%.

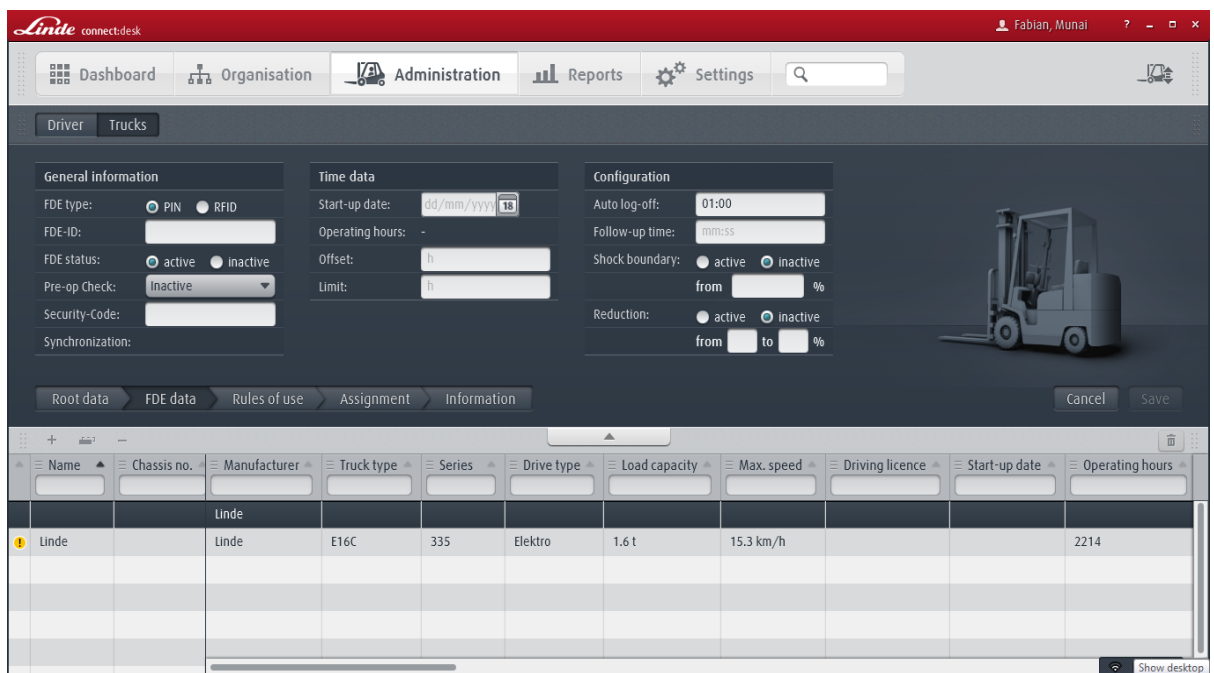


Figure 1-17: Add Truck FDE Information

- Rules are active when customer requires all the classes such as shift and checkup activated. If not this can be skip.

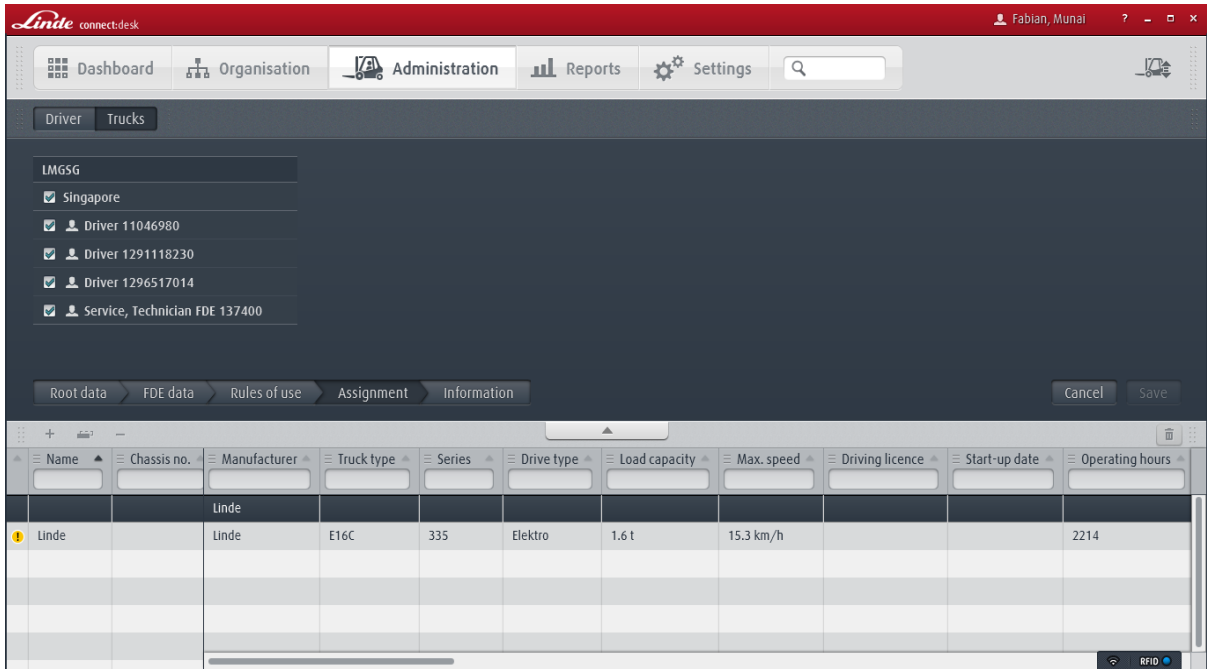


Figure 1-18: Add Truck Assignment

- For Assignment, this is to check which driver(s) allowed to drive the selected truck

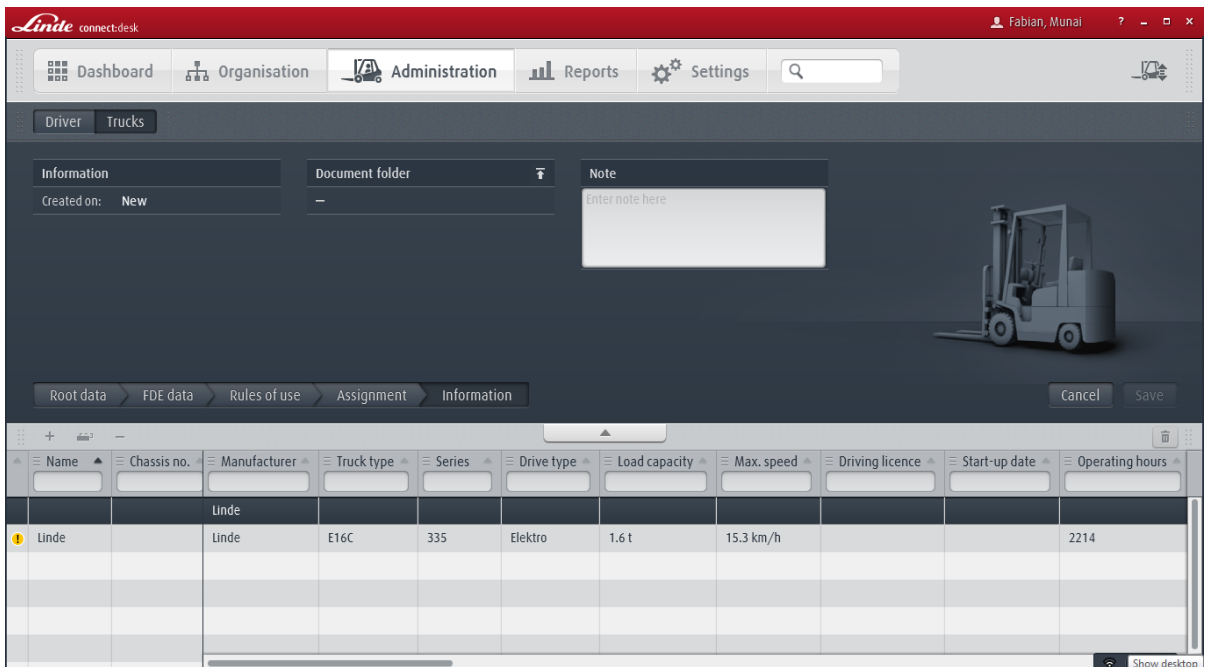


Figure 1-19: Add truck Information

- For Information, if there is any special instruction, please enter at Note column.

1.1.5.2 Add Driver

1. To add new driver click on the “+” sign

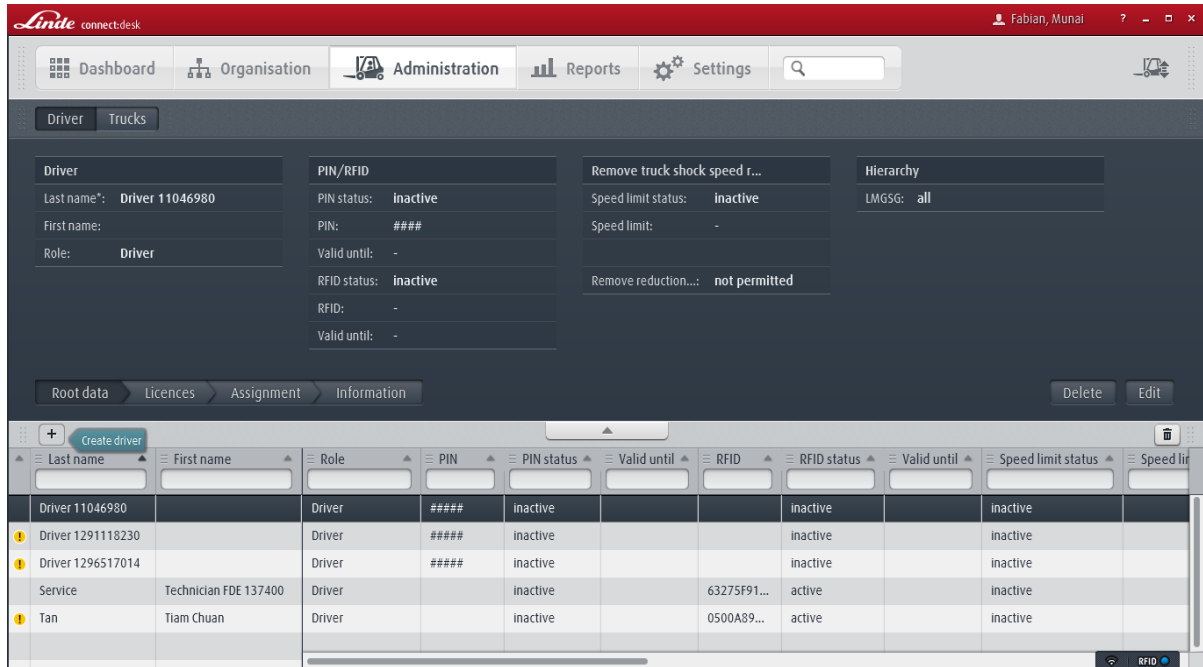


Figure 1-20: Add Driver

2. Enter the relevant information required
3. Last Name, First Name and Role
4. If the FDE is using Pin, please active PIN Status, the pin can be customised or auto generate. The valid until is optional unless if required, you can enter the specific date.
5. If the FDE type is RFID, please active RFID Status, ensure the compatible card is placed in the desktop reader then click on the RFID logo to get the RFID Hex code. (Example: 0500B6B167). This is only auto generated and user will not able to obtain the code except from the reader. The valid until is optional unless if required, you can enter the specific date.
6. Remove truck shock speed, if activated, customer will decide which speed to reduce (25%, 50%, 75% or 100%)
7. Remove reduction is only allowed for supervisor card, for driver please choose no

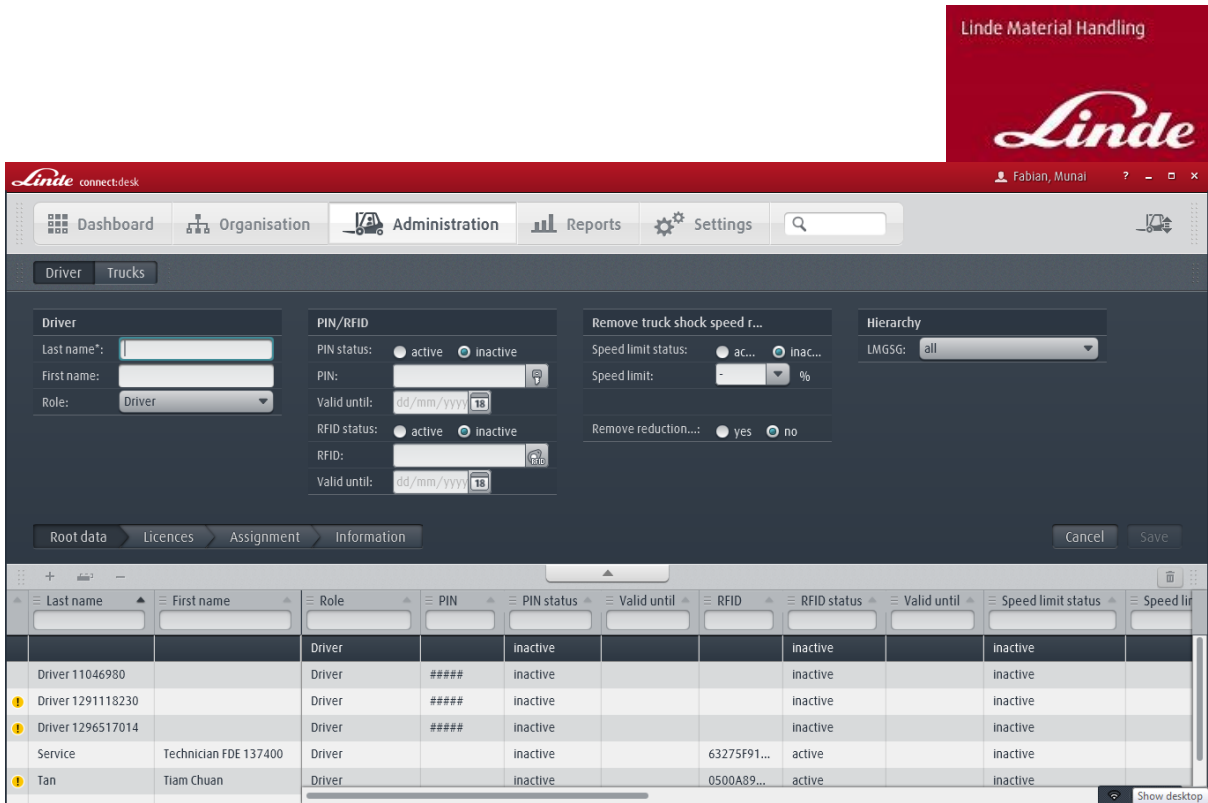


Figure 1-21: Add Driver Information

8. For licenses, this is optional as required by customer

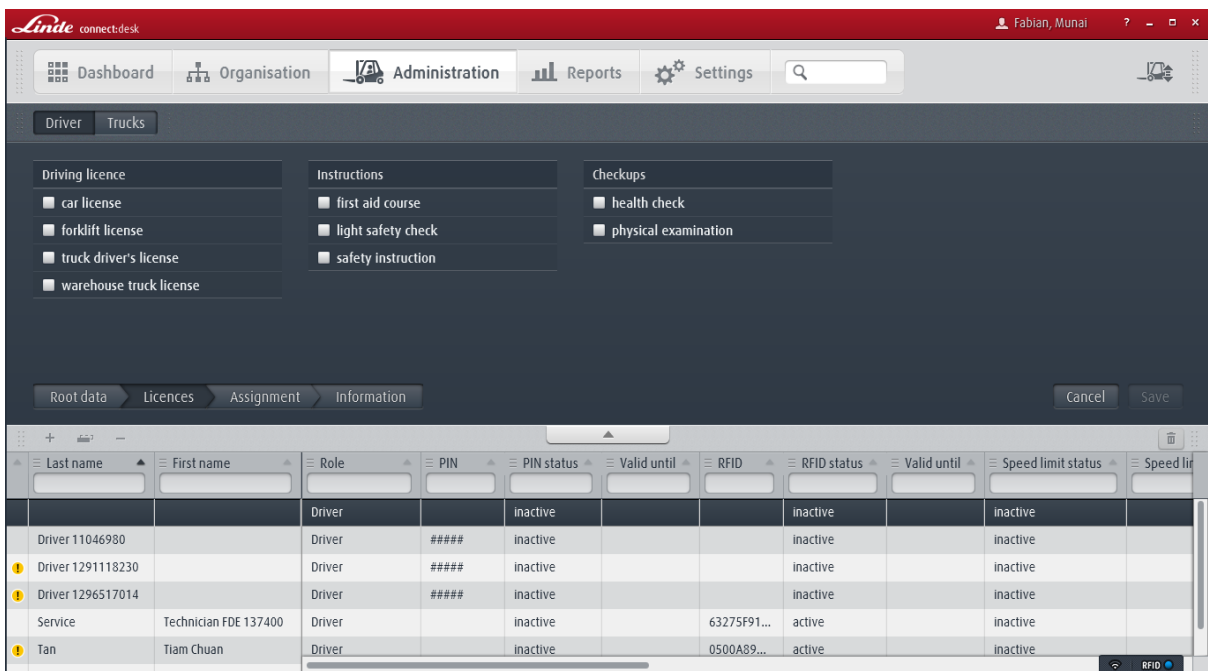


Figure 1-22: Add Driver Licenses

9. For Assignment, this is the indicator to which truck the driver can drive.

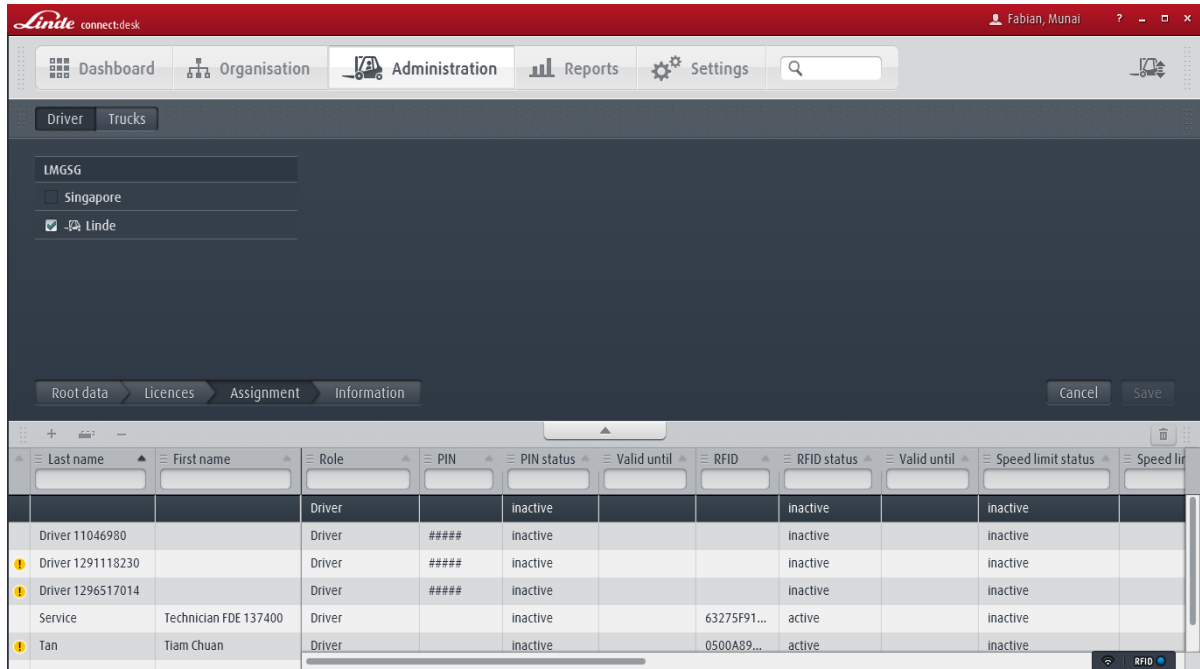


Figure 1-23: Add Driver Assignment

10. For Information, enter the note for any special instruction

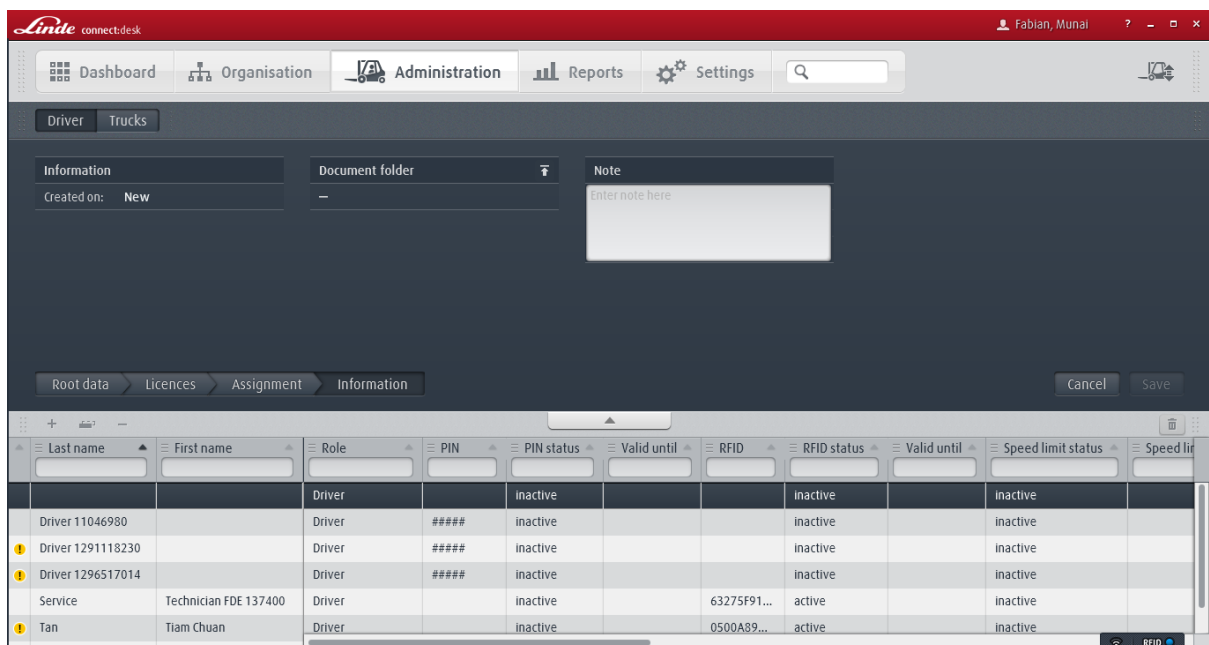


Figure 1-24: Add Driver Information

1.1.6 Organization

1. This is to have an over view of all truck and driver in the organization

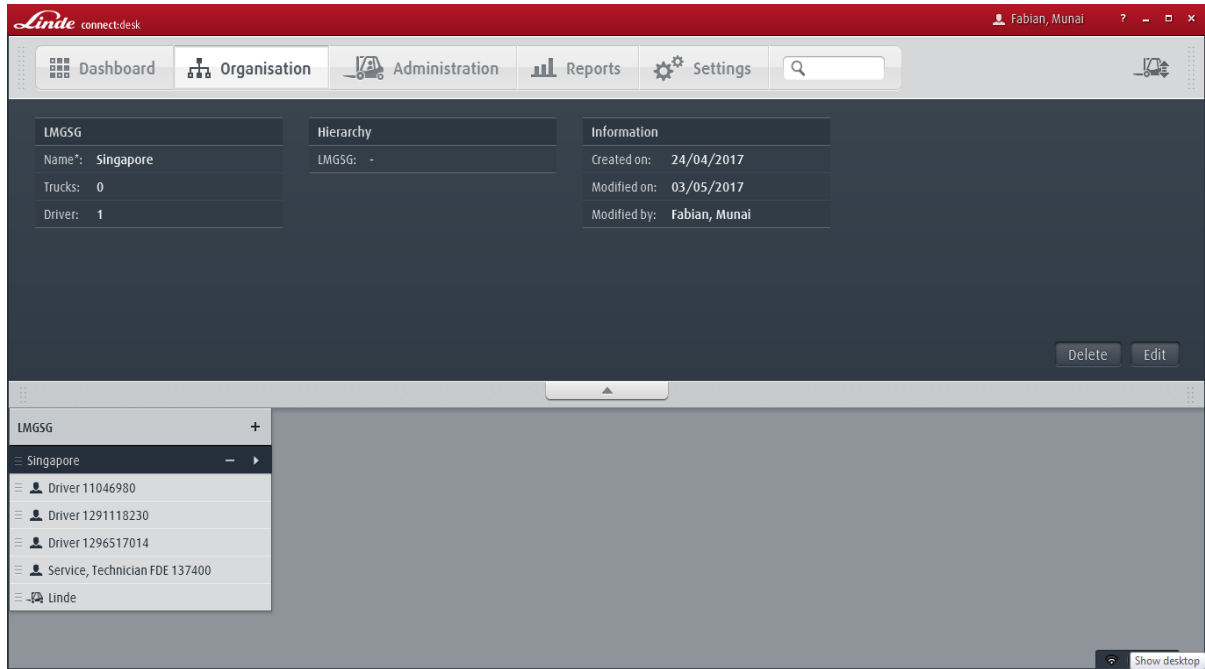


Figure 1-25: Organization

1.1.7 Reports

1. This section will have all the built in report

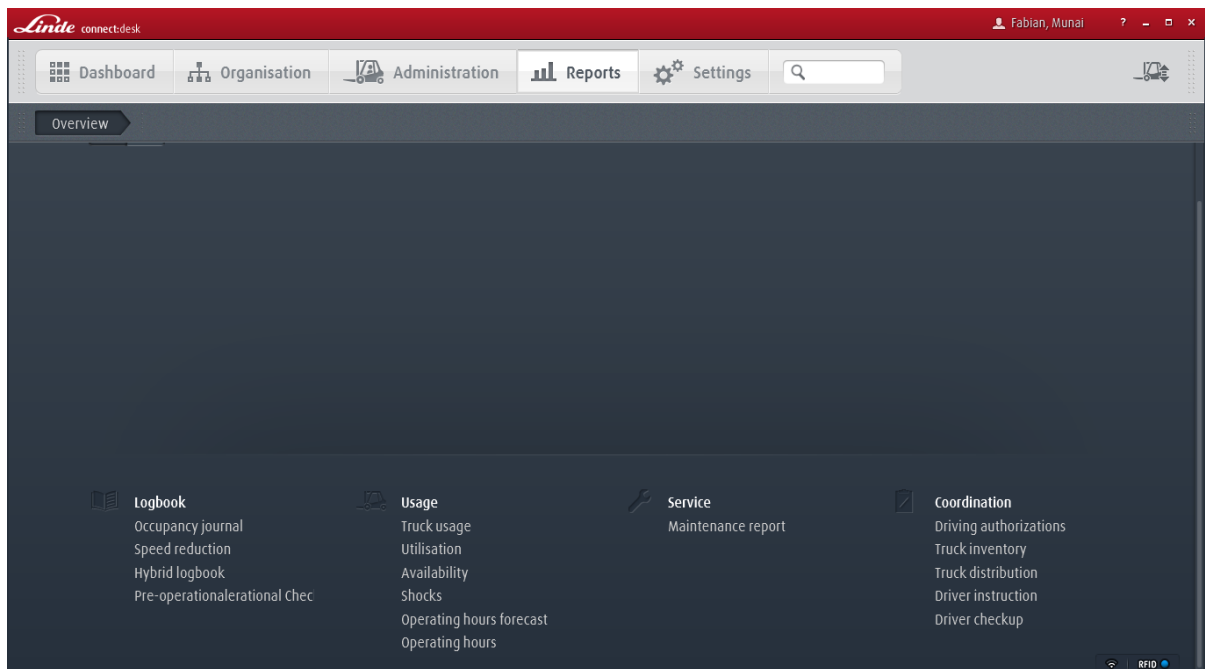


Figure 1-26: Report

2. For illustration purpose, we will show one report generated “Truck Utilisation”

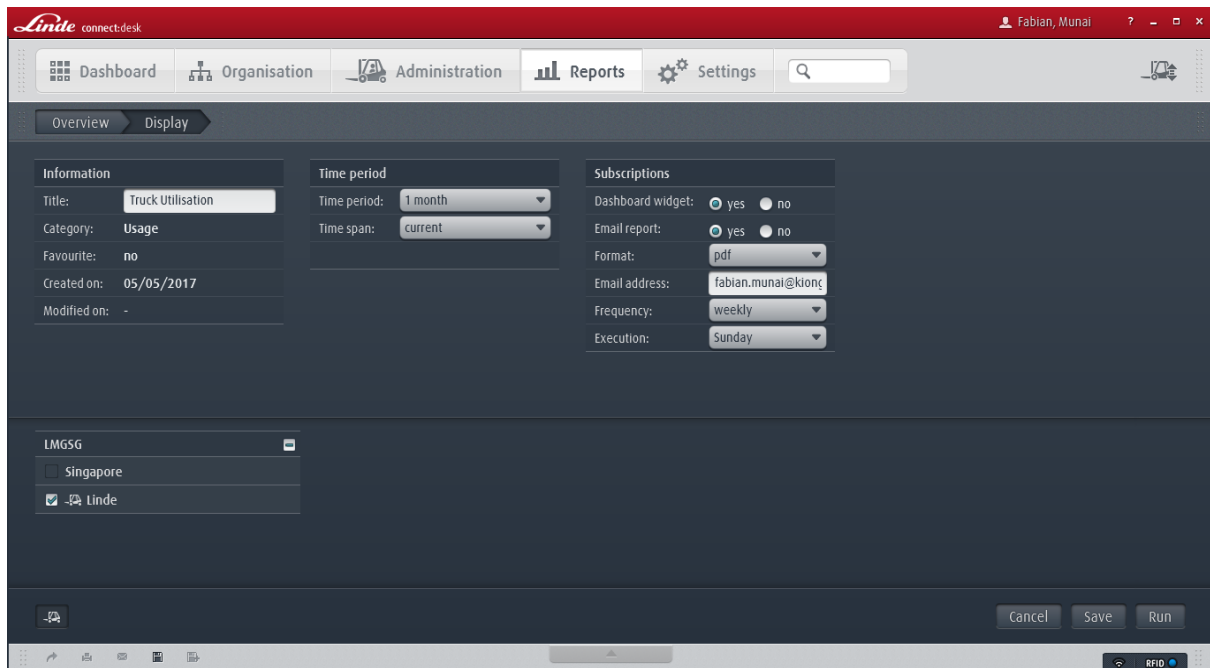


Figure 1-27: Report Information

3. Title : Truck Utilisation
4. Linde truck : check
5. Time period : 1 month
6. Time span : current
7. Dashboard : yes
8. Email report : yes
9. Format : pdf
10. Email : xx@gmail.com
11. Frequency : weekly
12. Execution : Sunday
13. Save and Run report to test

1.1.8 Sync

1. Once all information is completed, click on the sync button
2. This will sync all the information from Connect: desk to connect: composer

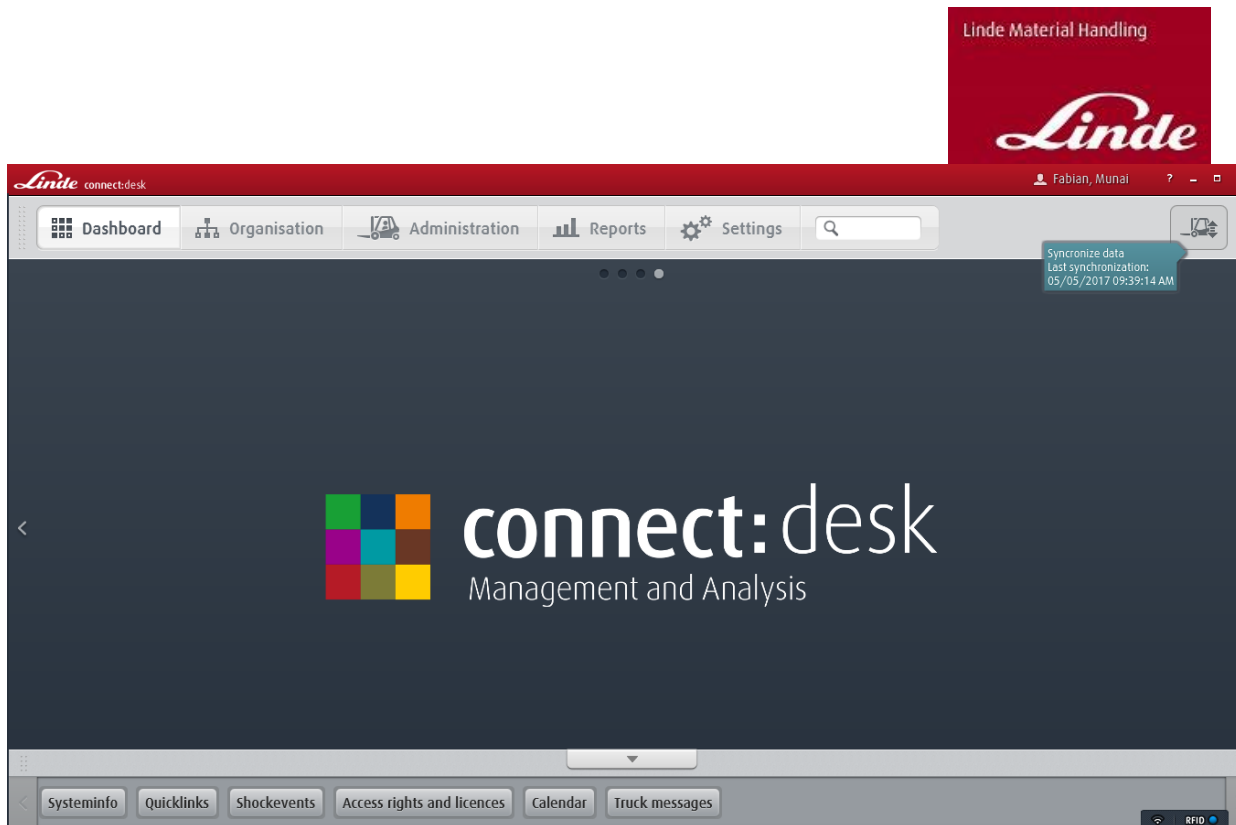
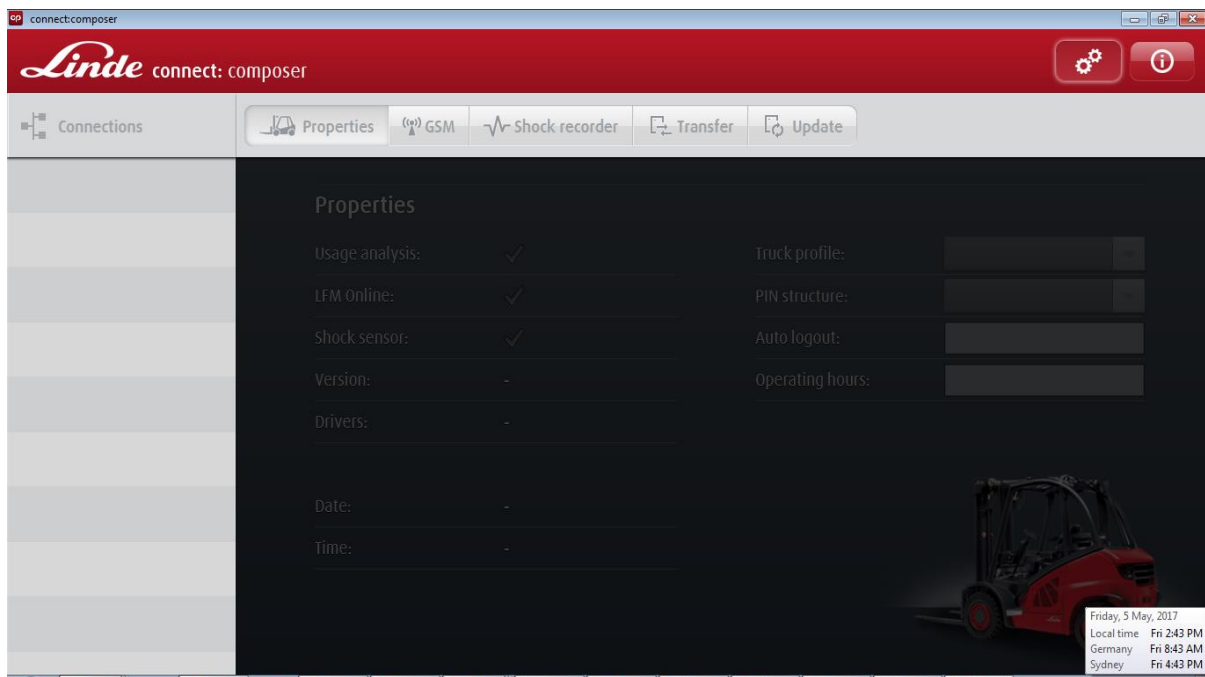


Figure 1-28: Connect: Desk Sync

2 Connect: composer

1. Click on setting



2. Choose the Bluetooth COM port

3. Click Accept

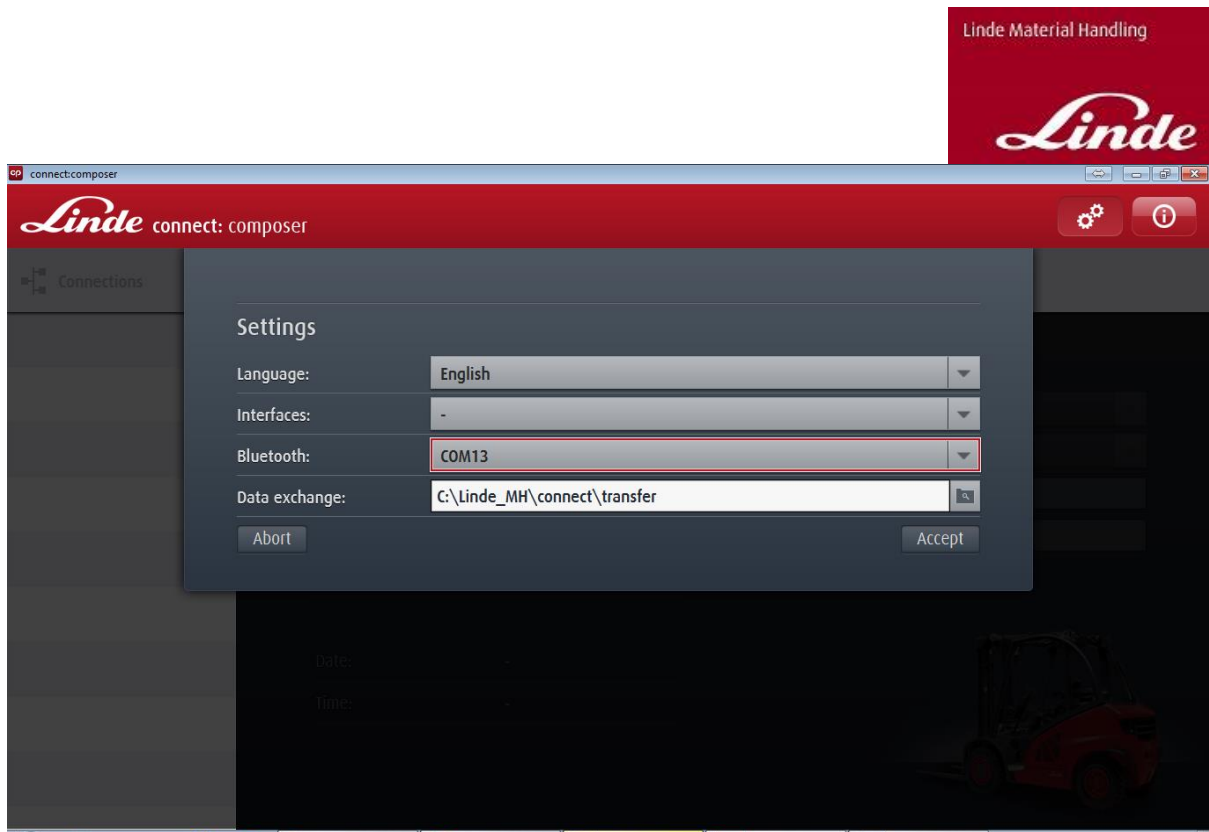


Figure 2-1: Connect Composer: Bluetooth COM

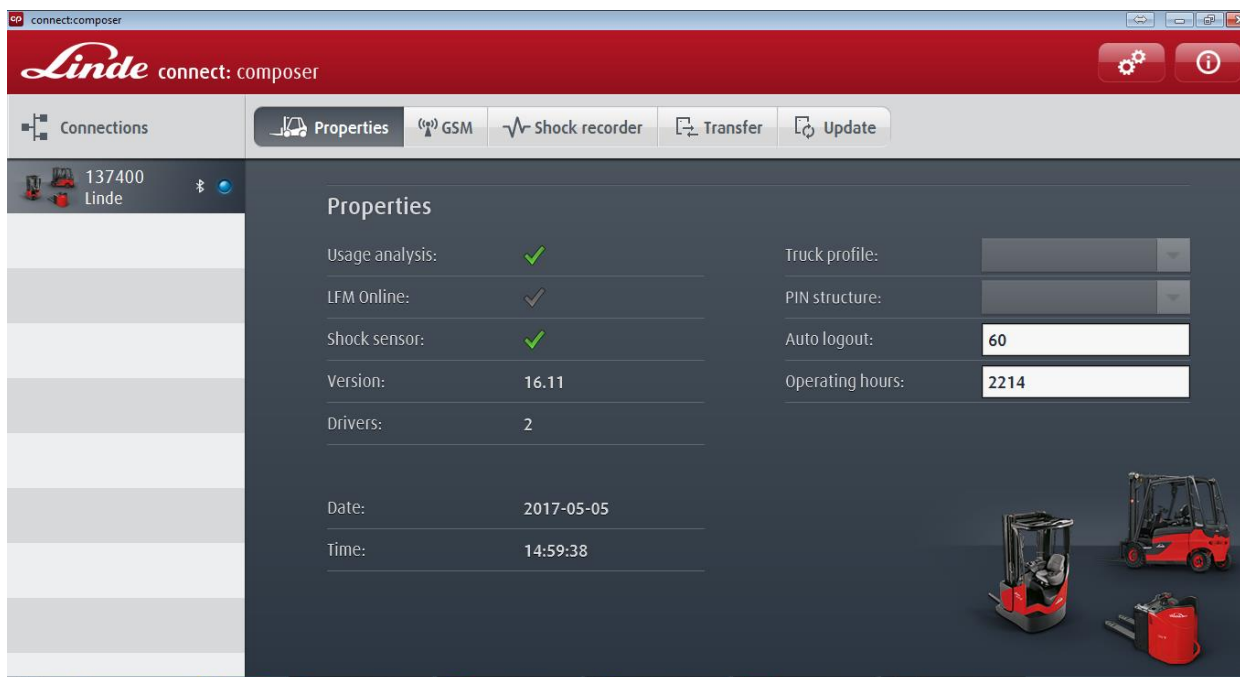


Figure 2-2: Connect Composer – Activate the Truck connection

4. To record shock click on shock recorder



Figure 2-3: Connect Composer - Shock Recorder

5. Click start and drive the truck across the warehouse to get the threshold. Once you get the threshold, add in additional 10% to connect:desk
6. To transfer data from Connect: desk to truck
7. Select Transfer and click start transfer

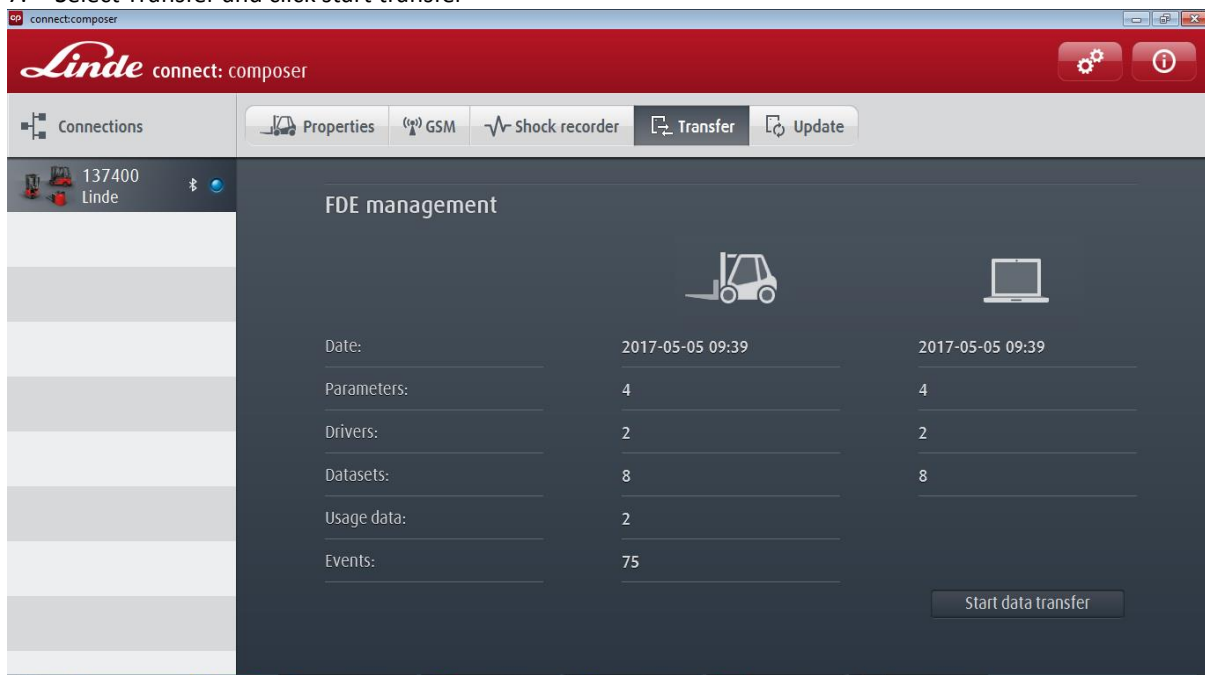


Figure 2-4: Connect Composer - Shock Recorder

8. Once the information is transferred, the truck will have the updated information from connect:desk. Any update on truck and driver will need to go thru connect:desk and composer process.

2.1.1 Update FDE

1. Copy the file archiv.lfm from zip folder to C:\Linde_MH\connect\composer\firmware
2. Open Connect: Composer
3. click on Update on connect:composer

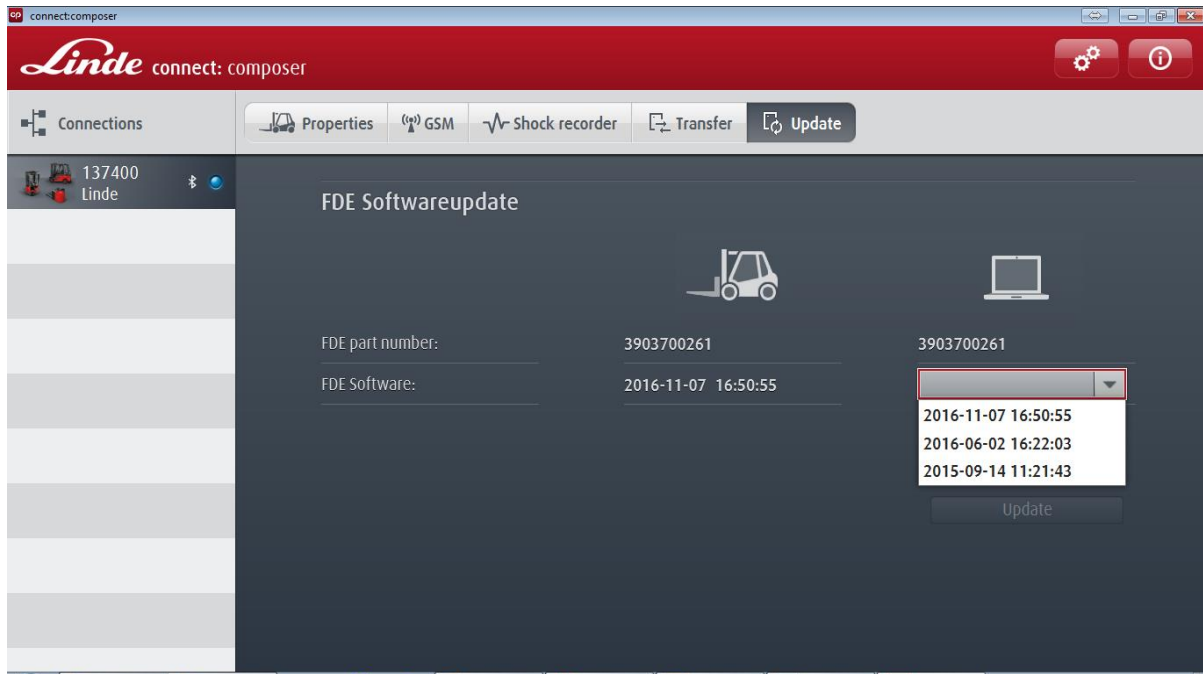


Figure 2-5: Connect Composer Update FDE

4. Click Update and restart FDE/Truck after update successful

2.2 Pre Op (Optional – NEW Feature)

1. Only version 1.31 work
2. Download preop-check_31_V1.31.apk from zip folder into the designated Pre Op mobile (Android)

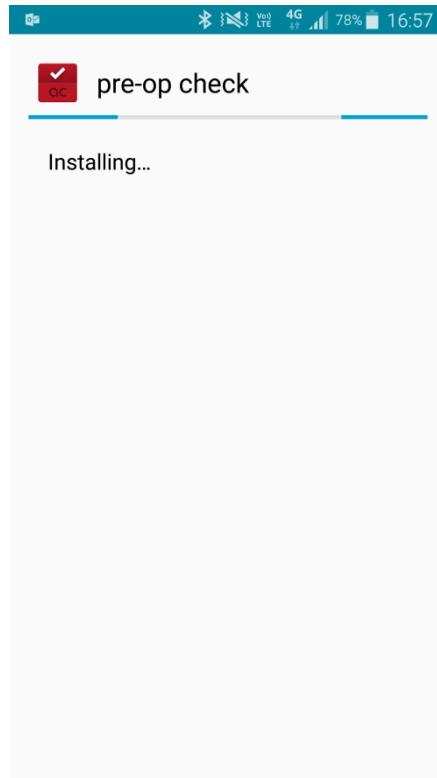


Figure 2-6: Pre-op Installation

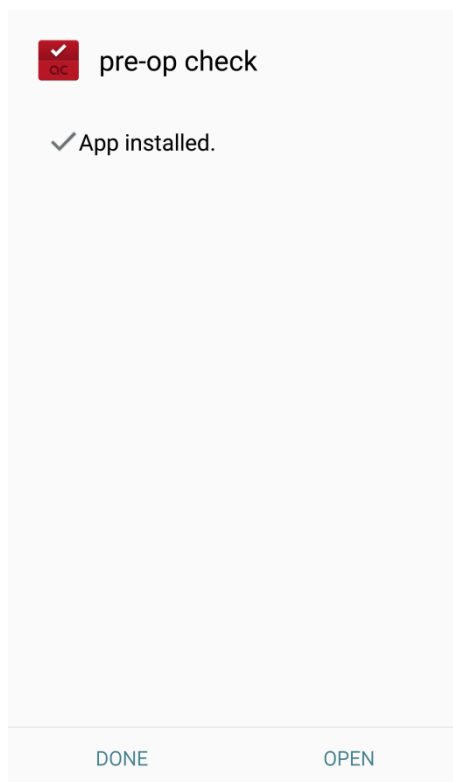


Figure 2-7: Installation Complete



Figure 2-8: Run Application

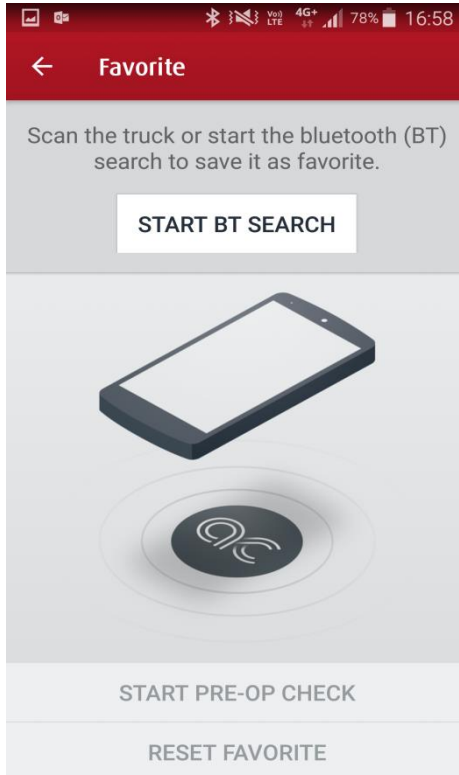


Figure 2-9: Click Favorite Start BT/FDE Search

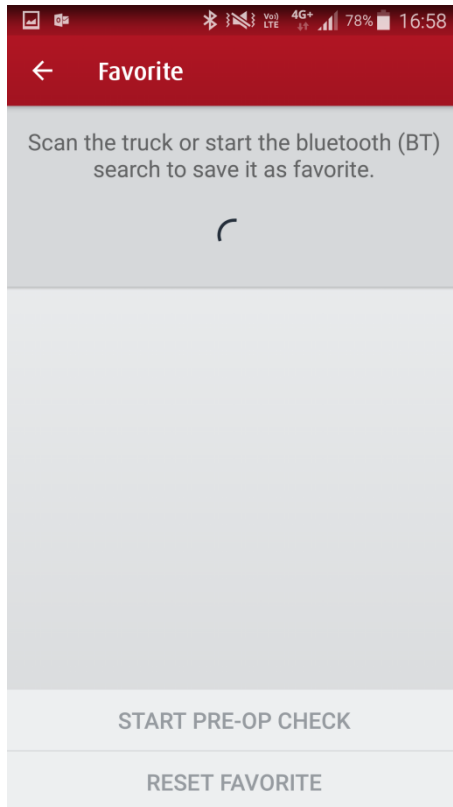


Figure 2-10: Search for Truck/FDE

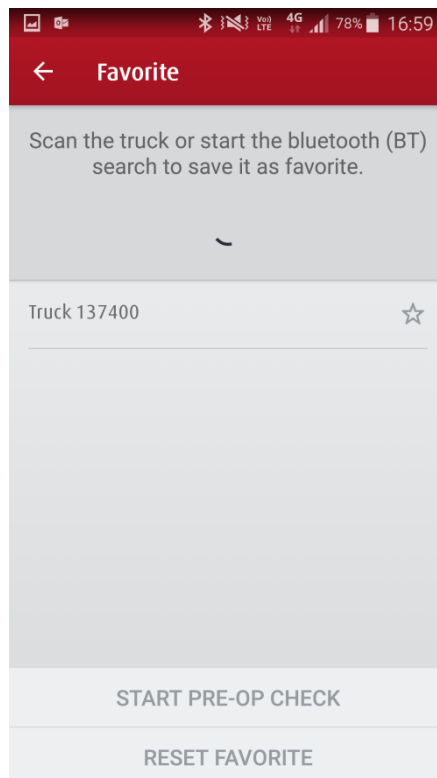


Figure 2-11: Truck/FDE found

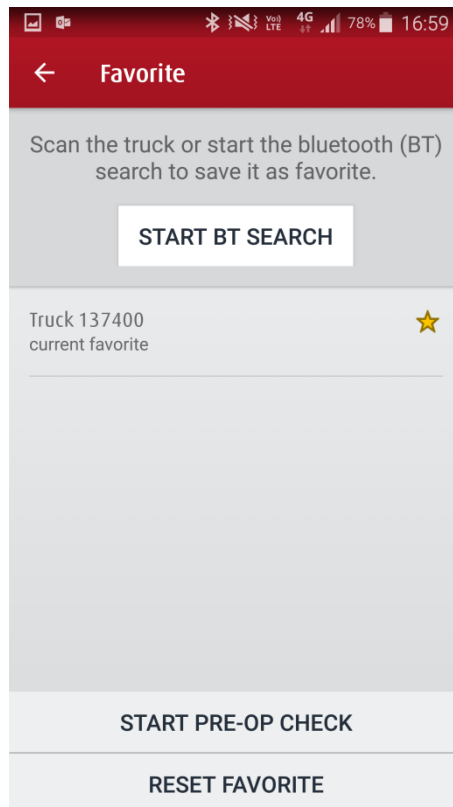


Figure 2-12: BT/FDE/Truck Found add to favourite (click on star)

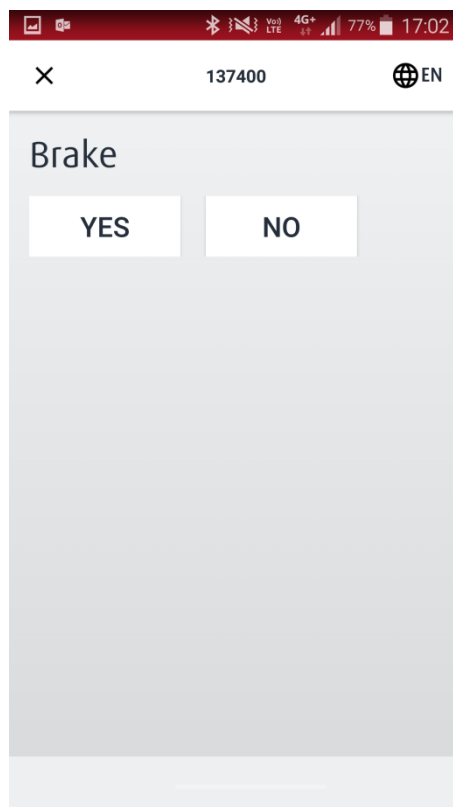


Figure 2-13: Sample of pre shift check

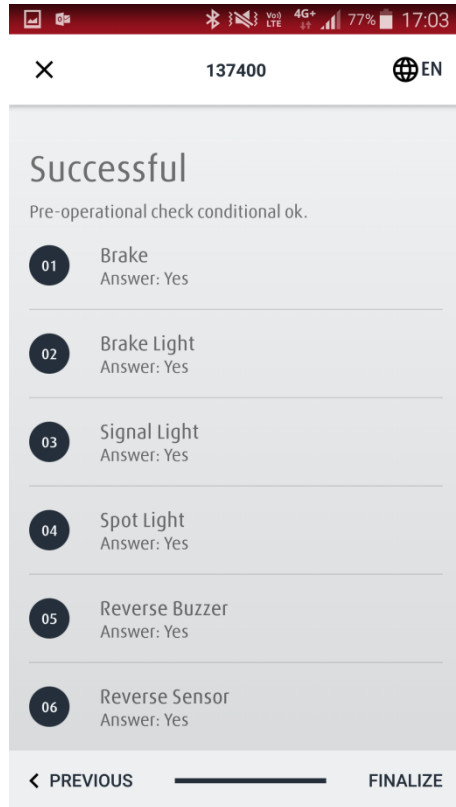


Figure 2-14: Pre shift successful click on finalize and the truck is ready to operate

2.3 Pre-Op Questionnaires

1. <https://preop.connected-solutions.de/>
2. Username: preop
3. Password: Truck\$Ch3ck
4. Create the set of questionnaire and generate the QR code

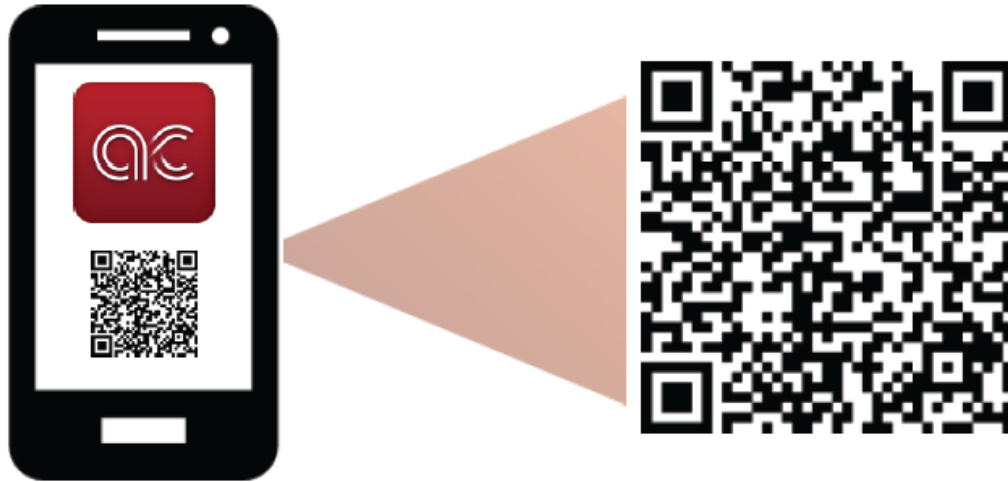


Figure 2-15: Sample of QR Code Generated

5. Use the Pre Op check application
6. Go to checklist Update
7. Use the QR scanner and scan the QR code