



S I M O L I

Simoli Automatic Greasing System at Palm Oil Mill



PT. Simolindo Global Indonesia

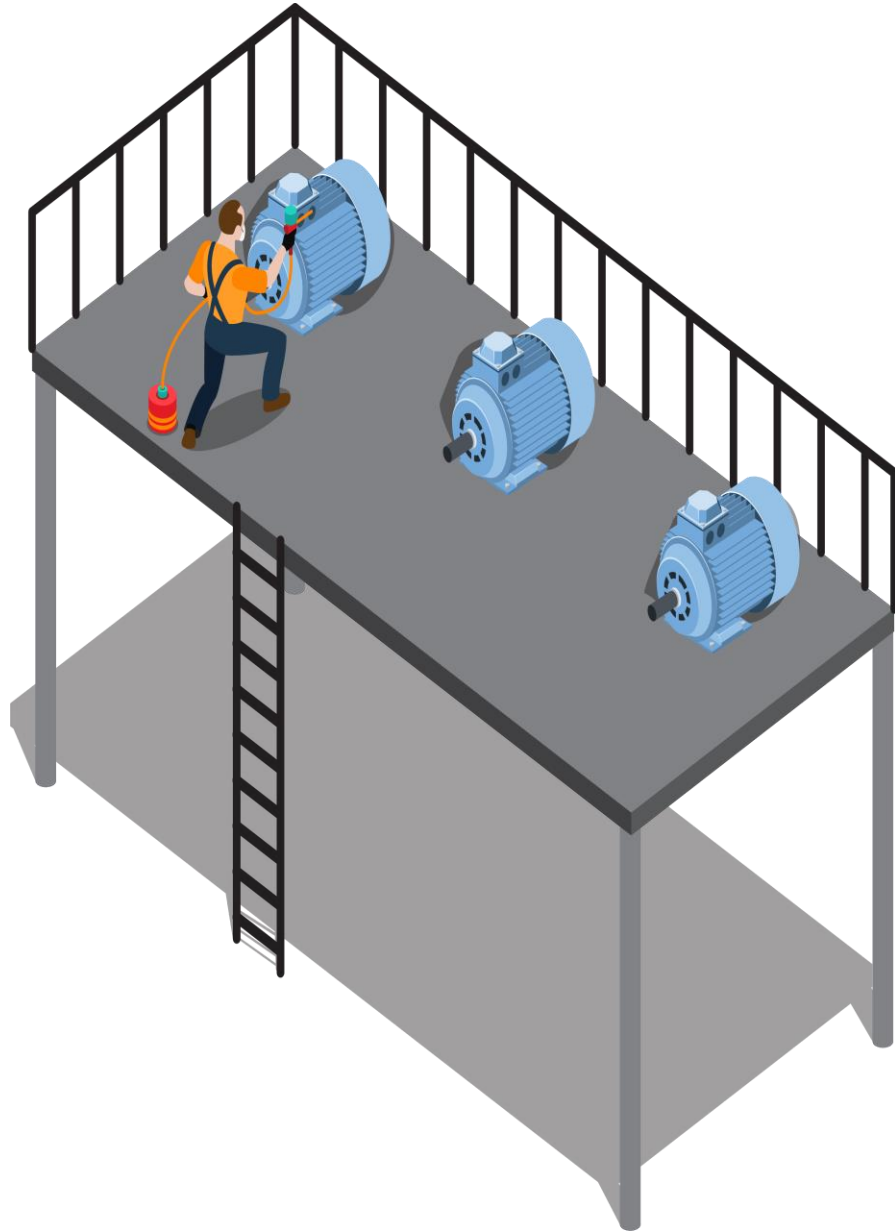
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Why should you need Greasing System at the Mill...?



- Greasing system ensures that the production machine runs well.
- A bad greasing system will cause serious damage to production machines.
- The operator always neglects to apply grease when the machine unit is in a position that is hard to reach.
- Greasing log should be filled manually by operators; tends to go error.

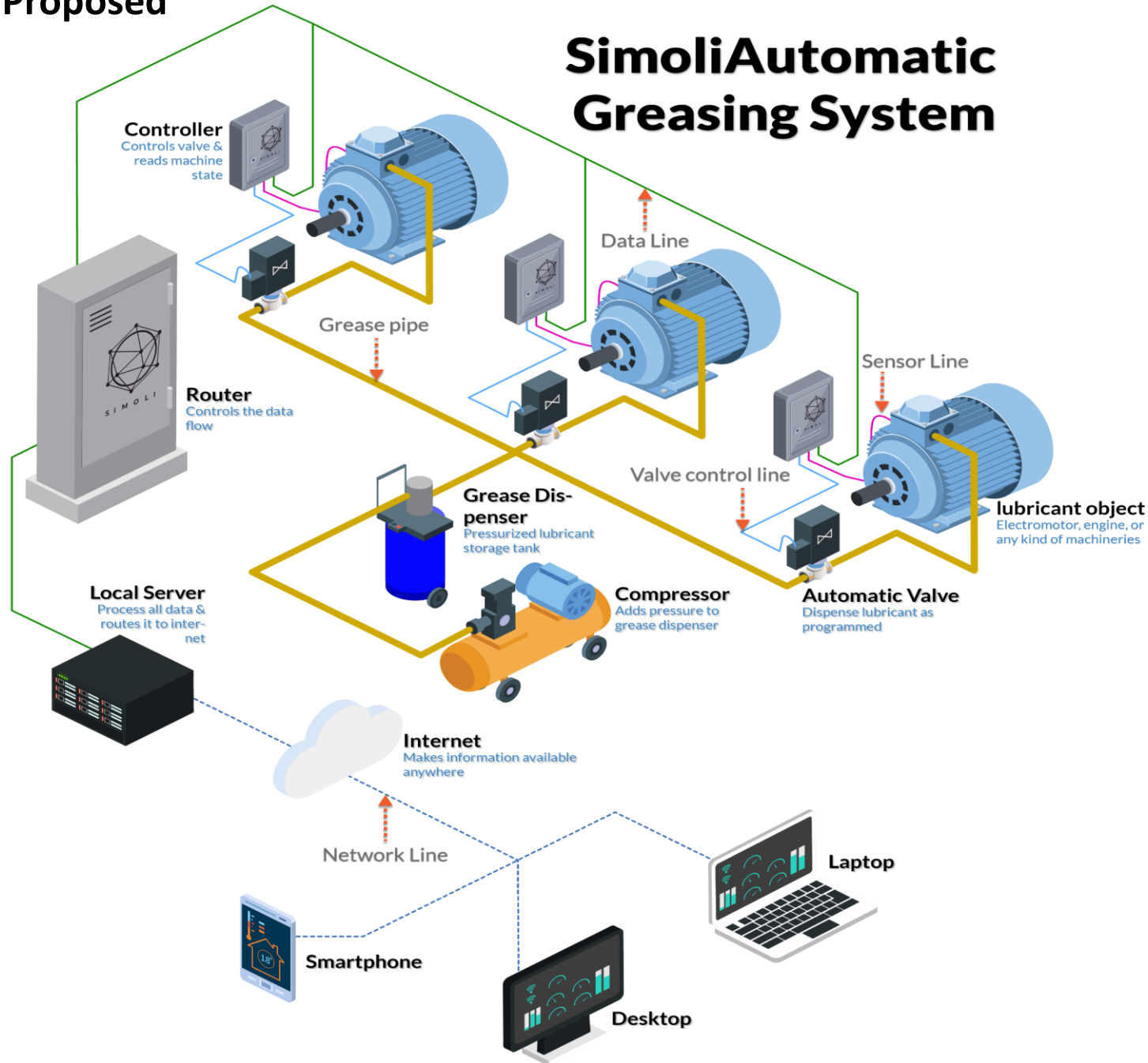


Existing Greasing System at the Mill.

- **Operator bring grease gun and walk into the mill and do greasing for every unit machines at the upstairs and base level of the mill.**
- **Usually the operator does not carry a list of machine units to be greased**
- **In some cases the operator always neglects to apply grease when the machine unit is in a position that is hard to reach.**
- **Greasing log should be filled manually by operators.**

Proposed

SimoliAutomatic Greasing System



Advantages Simoli Automatic Greasing System at Palm Oil Mill

- ❑ Easy operation, saved time, on time greasing schedule, save cost.
- ❑ Greasing done automatically.
- ❑ System will record Running Hours of the machine
- ❑ Greasing activities are recorded in the system.
- ❑ Ease schedule for predictive maintenance
- ❑ *Activities can be monitor by computers, and smartphone.*

System Working Procedure :

- Air compressors set up at 8 – 10 bars
- Grease Dispenser fully filled.
- Input manually through computers/Hp greasing interval for every machine.
- During the machine is on, The controller,router,server (System) will organize to open/shut the automatic valve for greasing for every machine according to greasing interval data.