




**About Volvo Trucks**

Volvo Trucks is the second-largest heavy-duty truck brand in the world; more than 95% of the trucks we build are in the heavy weight class above 16 tonnes. Our trucks are sold and serviced in more than 140 countries all over the world. The company's retail strategy is based on customer orientation and is supported by over 2300 dealerships and workshops. The trucks are the core products in our total offer, which also includes aftermarket, service and extended offers.

**Vision**

To decrease stop time between assembling of chassies for trucks.

**Solution**

PPDB is based on VB6 and MS Access.

## PPDB – Produktion planing

### Project

Volvo Trucks had a production concept where the truck chassis were assembled in a so called dock. There were three chassis in a queue in every dock. Volvo had a special algorithm to calculate the stop time based on the order in the queue. There were six docks and to get the most efficient process there was a lot of calculations. Volvo decided to create a program for this task.

### Vision

PPDB was to decrease time for production planners and also secure a high quality of the process.

The project was widening and also included ordering of semi produced balks from supplier and also send information to AGV (Automated Guided Vehicles)

### Work

PPDB was created together with the production planners and also the workers. There were also a lot of cooperation with Volvo IT when it comes to connecting to mainframe databases. PPDB downloaded coming orders of trucks and placed them in a queue for the PPDB to start planning. Every afternoon information was sent to the mainframe data cloud for further order to suppliers and also to AGV.

### Result

PPDB was a success for some years but is now replaced by an internal developed program and also adapted to new inline production..

