

# Retriever Optimisation

Retriever's optimised scheduling is an advanced method for scheduling a field force and resources related to a job.

Optimised scheduling calculates the best scheduling solutions based on a combination of parameters given by the planner. Parameters are customer determined but can be SLA, travel time, resource utilization, first choice tech, cost, overtime etc.

Retriever Scheduler gives the planner a full overview of the solver by showing the effectiveness for each scenario as well as a listing of unassigned jobs. The planner can then choose between multiple calculated options or make another calculation round before selecting an option.

The chosen option is presented on the Retriever Scheduler and can be sent to the field forces mobile devices immediately.

Optimised scheduling can be run against different timeframes: from dynamic calculation through the day, though more commonly used for planning a specific day or for broad estimation of required labour for a future block of time, like next month.

Optimised scheduling helps business improve productivity whilst meeting SLAs through efficient work planning.

## Retriever Communications

Wireless solutions for customer responsive businesses  
[www.retrievercommunications.com](http://www.retrievercommunications.com)



# Retriever Optimisation

## Features –

**Customised parameters:** Customise unique parameters based on your business specific requirements such as contractual SLAs, resource availability and employee agreements.

**Run different scenarios and choose:** With Retriever Optimisation the planner is able to change parameters and run the optimisation engine again. The resulting outcomes can be saved and tweaked later for an ever improving outcome.

**Overview of missed jobs:** With certain parameters settings it is possible that not all jobs will be scheduled. The planner receives an overview of all missed jobs and can decide to change the priority of some of the jobs and run the optimisation again. Using the priority setting ensures that the most important jobs will not be missed.

**Macro and micro scheduling:** Optimisation can be run for different time periods as well as for different user groups. For example an automated optimisation scheduling could run daily for all groups for the next 5 days or micro scheduling could be applied for a particular group for a set time frame.

**Use of multiple resources:** With Retriever Optimisation the planner is able to define properties against types of jobs that will be considered when doing optimisation. Properties could be skills and current induction status as well as different certification levels for the use of vehicles and instruments.

