

Dynamic Scheduler: Improve your Workforce Productivity by 30%

Improve your Mobile Workforce Productivity by 30% Through Artificial Intelligence

Dynamic Scheduler is a workforce solution that leverages advanced applied mathematics techniques to optimize scheduling and dispatching of tasks to mobile workers, driving a **30% improvement in productivity**.

The solution generates optimal routes and schedules, respecting SLA priorities and ensuring the right employees are sent to perform the tasks. Additionally, the tool allows planners to adjust the plans in real time to adapt to unexpected events.

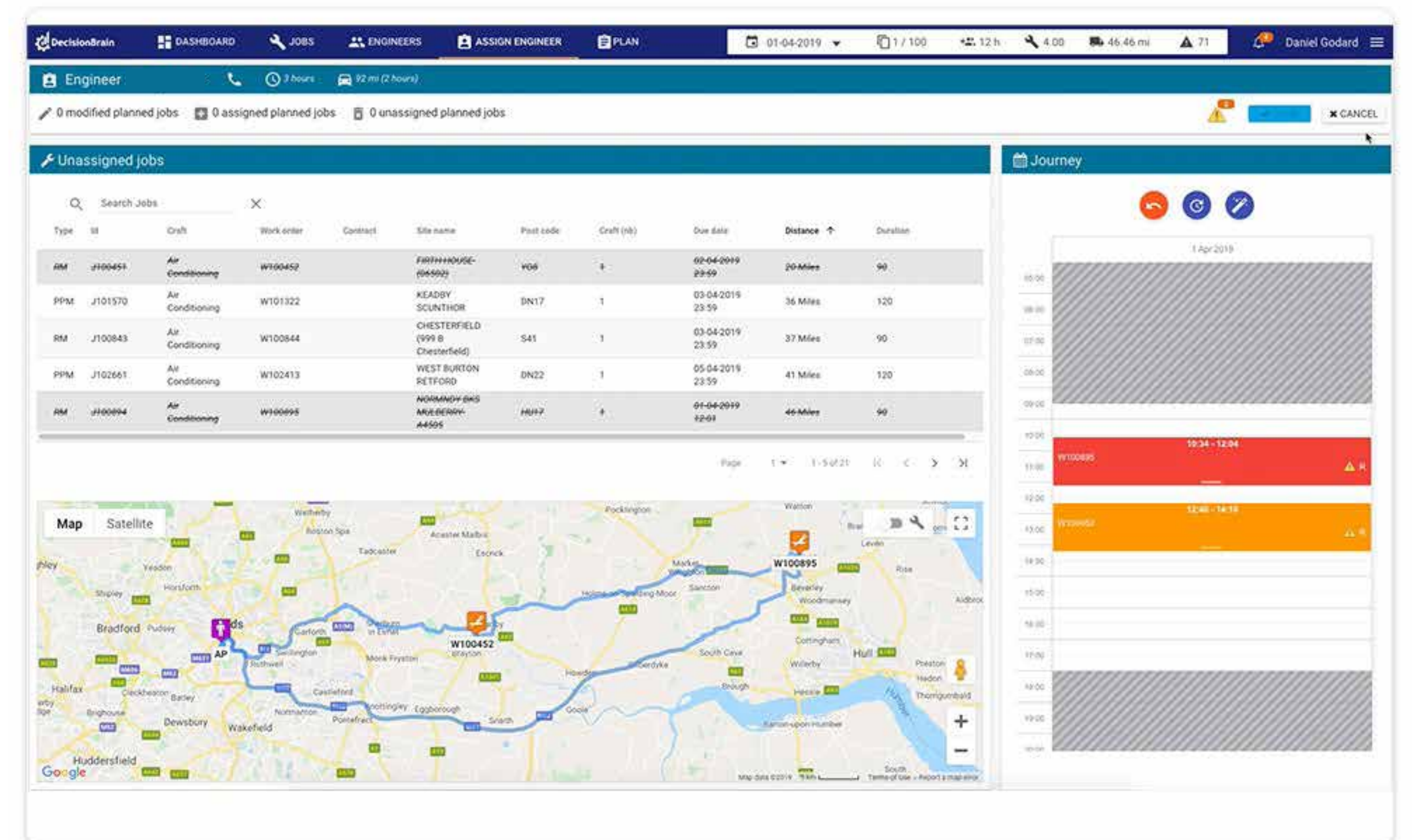
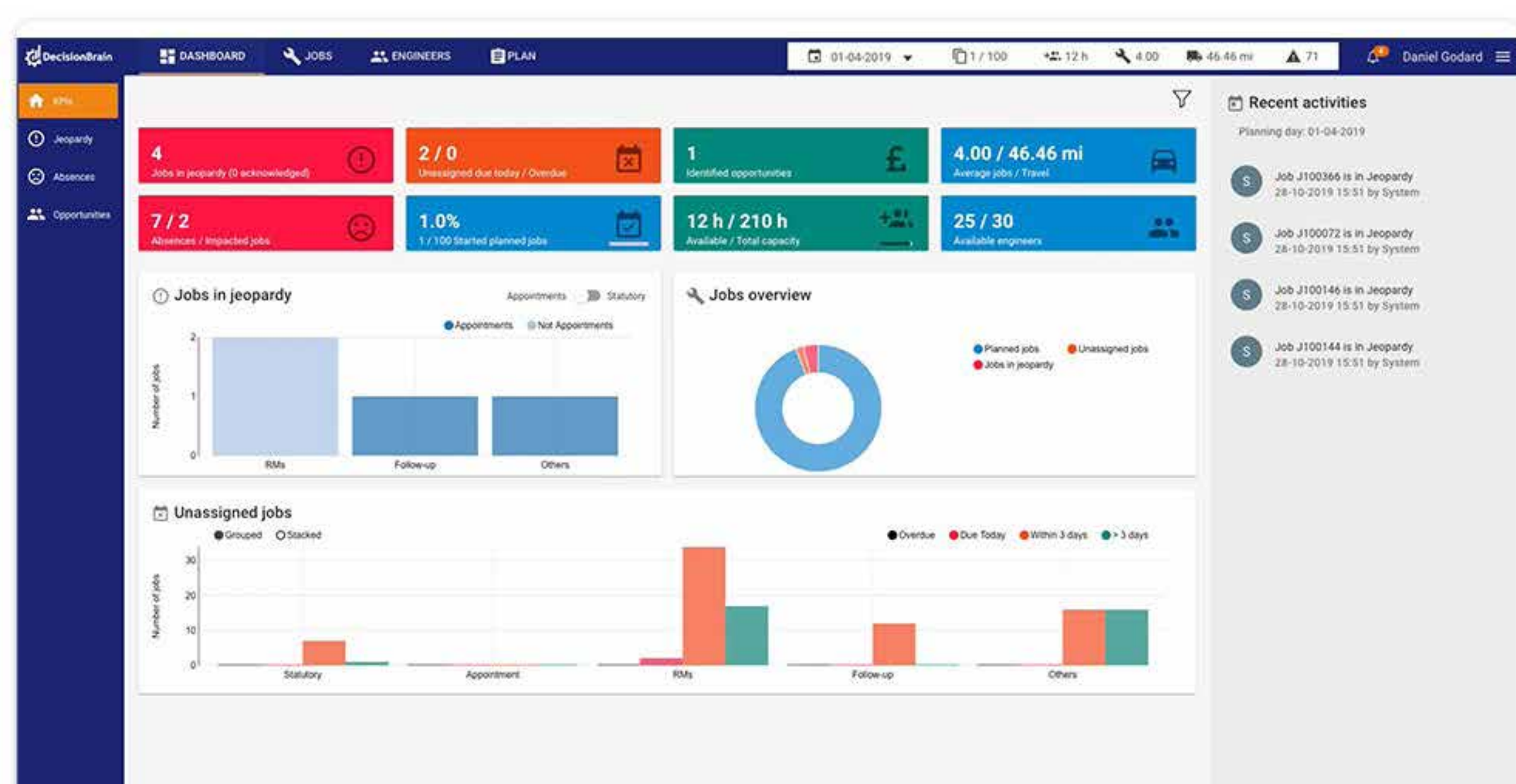
Global Optimization at Night and Dynamic Adjustments During the Day

Overnight Global Optimization: an automatic optimization runs overnight and considers all due tasks and available workers to define the optimal schedules for the next few days' operations. At the beginning of each day, planners review all employees' schedules.

Real-Time Optimization: during the day, if an unexpected event occurs (e.g. a new emergency job comes up, an employee is late, etc.), a local optimization automatically defines the best way to adjust the schedules. If needed, planners can manually override the suggested changes.

Easily Adaptable and Intuitive UI

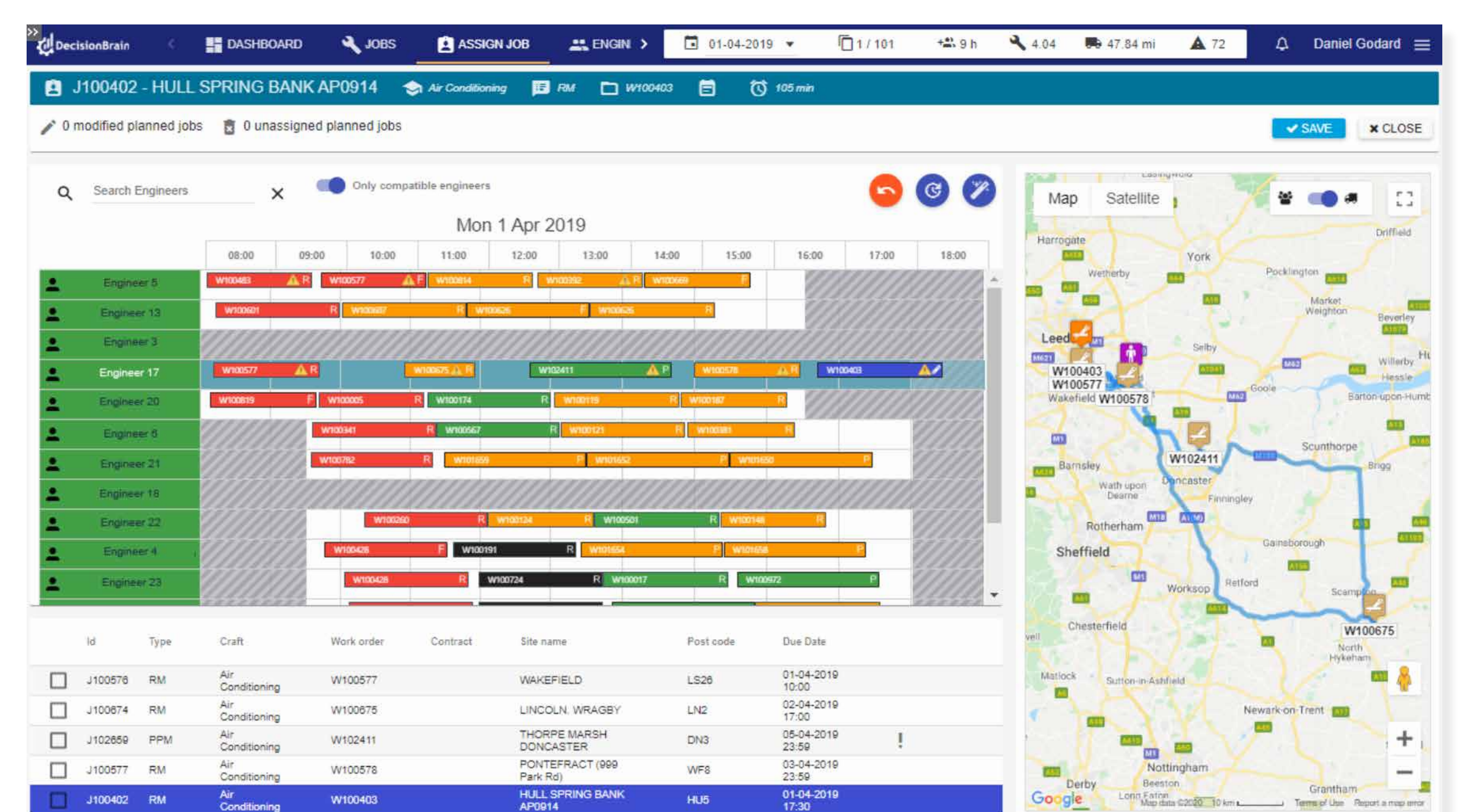
Dynamic Scheduler can be easily customized and adapted to each company's specific characteristics, in terms of KPIs, Business Processes, etc. Its intuitive user interface allows users to focus on what is really important and facilitates the training and adoption processes.



Customized dashboards allow spotting potential issues and opportunities in real time. The easy-to-use interface allows to update or reschedule a job at risk in just two clicks. Its simple UI and Drag-and-Drop features enhance usability.

Ease of Integration

Dynamic Scheduler can be quickly integrated on top of existing systems to upgrade them with state-of-the-art planning technology. Integration can be done through rest APIs, enterprise service bus or staging databases.



Key Results

Dynamic Scheduler is being used by market leaders in Field Service Management to schedule the work of their mobile employees around the globe. The implementation of this solution allows to:

- **Improve productivity by 30%** by minimizing travel time and idle time
- **Increase SLA adherence**, focusing on tasks with short contractual time of response (e.g. 3 hours)
- **Significantly reduce CO2 emissions** and save money spent for traveling.