

# Optimize your schedules within minutes

Allocate the right people to the right tasks and shifts with an automatically created plan reflecting all possible limitations.

This system will help you to get rid of spreadsheets and time-consuming manual work. Sudden changes to planning are no issue any more, the new schedule is recalculated automatically with the Optimus 4.0 platform.

## Business needs addressable by OptiPlan

### Optimal shift and personnel planning

Allocating employees with the right skillset to the correct location and time slot is crucial for smooth operations and customer satisfaction. OptiPlan will help you compute optimal schedules and consider even the most specific business rules your operations require.

### Scheduling in complex operations

OptiPlan embraces all conditions and constraints that the schedule needs to reflect. Our library covers 100+ ready-to-use business rules to schedule employees in complex production operations.

### Sales representative and shop assistants

Minimize your employees' travel time and cost and optimize your branches' visits through intelligent automatic planning. OptiPlan considers your CRM data, predictions about routes, and the necessary time to maximize your business plans.

### Big operations planning

You can plan processes and shifts at the management level of the entire branch network and in the granularity of their individual departments and positions within a matter of seconds. OptiPlan helps you to combine all necessary skills across your business.

### Prevention of the spread of diseases

Minimize unnecessary contacts between employees to mitigate the risk of covid-19 or other diseases. We understand that one size doesn't fit all, and we are ready to create a specific list of rules tailored to your operations.

## Key benefits



### Reduced planning costs

OptiPlan allows for the efficient utilization of your workforce. Optimal plans and decreased processing time lead to direct cost savings.



### Minimized time to reach optimum

The whole scheduling and planning process can be done automatically within a few seconds or minutes by one person instead of manual and error-prone processing.



### Easy integration

OptiPlan can send a notification to your employees using the email integration, propose changes to an existing schedule based on changes to staff availability or production plan, and more. Thanks to its flexible API, OptiPlan can be plugged smoothly into your existing IT ecosystem.

## Main technical features

### Modular architecture

We can customize the product easily to solve your specific optimization problem, including company-specific policies and rules.

### Extensible business rules engine

We can capture a wide range of business rules, metrics, and constraints of your business.

### Deployment options

This platform can be easily deployed on-premises, cloud, or hosted options, we provide you with the most fitting solution. We can deploy OptiPlan to any major cloud provider (AWS, Azure, etc.).

### Easy connection to your digital ecosystem

The product can connect to your databases or existing systems for straightforward communication.

## How we deploy OptiPlan

1.

At the initial analysis, we collect all business rules, restrictions, legislations, and data for the calculations. We observe all metrics and criteria to define an optimal solution.

2.

We process all the rules, criteria, and structure of the specific problem into a pre-defined format. We will then tailor the domain-aware model.

3.

Using the provided inputs, our optimization engine searches through billions of plans to find the optimal one.

4.

We build a custom visual interface to manage the system and integrate it into the existing infrastructure. Every solution can have a client-specific user interface.

## Case study

### The scheduling process of inspectors is automated and done in 10 minutes instead of 6 hours

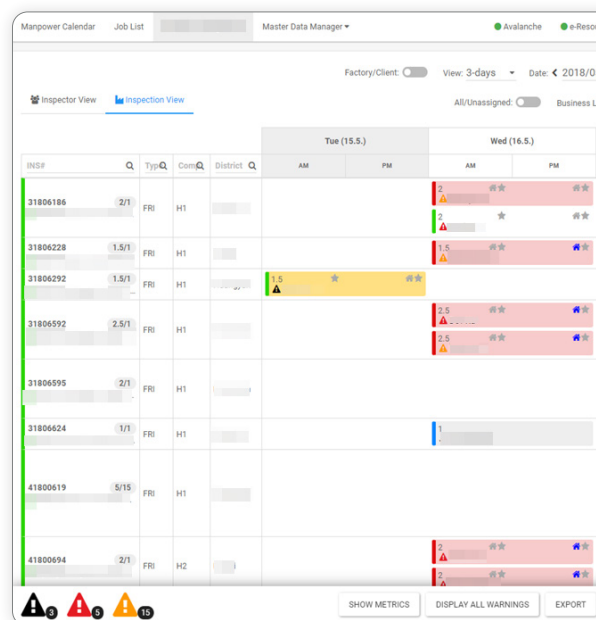
TÜV SÜD, a global inspection and auditing company administers a complex scheduling process of allocating teams of inspectors to factory pre-shipment inspections, dispatching inspectors from several hubs across China. The challenge was to develop a scheduling solution to provide optimal schedules while considering complex business rules, travel conditions, and massive demand throughout the peak season.

### Before

- ✗ Six schedulers scheduling a whole day every day
- ✗ Inability to find satisfiable solutions during the peak season
- ✗ Using a set of Excel sheets with conflicts

### After

- ✓ Master scheduler scheduling in tens of minutes
- ✓ Highly optimized schedule with higher capacity executable also in the peak season
- ✓ Using a centralized software connected to company data sources



## The Top-Quality AI Services Provided by Blindspot.AI

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