Optimus.

Optimize and scale up your business through advanced planning

We use our enterprise platform, utilizing state-of-the-art optimization algorithms to build and deploy automated resource and asset scheduling software solutions.

Optimus 4.0 has the power and flexibility to deal with the most challenging problems of efficiency and optimization. This is in line with Industry 4.0 as complex operations cannot be managed with off-the-shelf solutions or Excel sheets. This platform is customizable to the client´s specific business needs.

Business needs addressable by Optimus 4.0

Optimus 4.0 is a state-of-the-art algorithm-based engine that helps optimize a wide range of processes in large operations. On top of the platform itself, we build specific products/applications — these help achieve more efficient processes within a particular area.

Logistics

Our products can handle standard transport and loading/filling operations and make your logistics greener and reduce your transport costs. OptiRoute optimizes your truck and delivery routes, shipping, inter-warehouse transportation, and milk runs. OptiFit will save costs by maximizing truck and container loading and a better parcel fill rate to eliminate shameful boxes.

Workforce

You can optimize your schedules in a minute. With OptiPlan, built on top of the Optimus platform, it is easy to maximize your service levels and meet your business targets by allocating the right people to right tasks and shifts with an automatically created plan reflecting all possible limitations and constraints.

Production

Optimus 4.0 can handle even the most challenging and complex processes and calculate the best possible plan in a moment. For example, to minimize the waste of your materials, Optimus 4.0 calculates how to effectively cut larger pieces of wood, steel, etc., into small pieces of desired sizes, each needed in specific quantities.

Key benefits of Optimus 4.0

One platform, many optimized operations
You only need to use one technology — Optimus 4.0, to optimize multiple processes and operations.

Reducing effort, time, cost, and risk
Manual planning costs are reduced by up to 80%, and time by up to 90%.

Streamlining the scheduling workflow
Your schedule can be created within minutes rather than days. The same applies to considering sudden changes that need to be reflected in your plans.

Visualization and explanation of the solution
Optimus 4.0 keeps the decision-makers in charge. Automatically created optimized plans can be manually changed if needed.

Compliance
Optimus 4.0 adheres to all your business rules and regulations, ensuring 100% compliance. No more violations caused by human error.

Main technical features

Modular architecture
We build domain-specific and customized applications that solve your specific problems on top of the Optimus platform, including company-specific policies, business rules, and legal requirements.

On-premise, cloud, or hosted options
We provide you with your preferred solution. We can deploy Optimus 4.0 to any major cloud provider (AWS, Azure, etc.) or directly integrate it into your IT infrastructure.

Easy-to-use REST API
The platform can be accessed by other systems easily through a rich and extensible REST API.

Easy connection to your digital ecosystem
The system can be easily integrated with your databases and other relevant systems for direct communication.

How we deploy OptiFit

Optimus 4.0 is deployed together with our Opti application tailored to your needs. In case of multiple applications on the top of Optimus 4.0, Optimus can be deployed to a separate infrastructure to minimize operational costs.

The Top-Quality AI Services Provided by Blindspot.AI

Do you need to solve any other problems and accelerate business growth with AI? Let us know!

Blindspot.AI is a highly professional team of AI experts delivering end-to-end implementations of AI systems for multinational companies and startups.

Blindspot is your partner in adopting and using AI in any area of business processes.

Artificial Intelligence business consulting

Custom AI solution development

Machine learning / data science team

Founded 2014 in Prague, Czech Republic

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