Opti-soft

Your optimal production planning

ABOUT US

Opti-Soft is a Russian IT company, established at Petrozavodsk State University. The company staff includes over 80 qualified specialists with extensive experience in IT as well as in forestry, timber and pulp-and-paper industries.
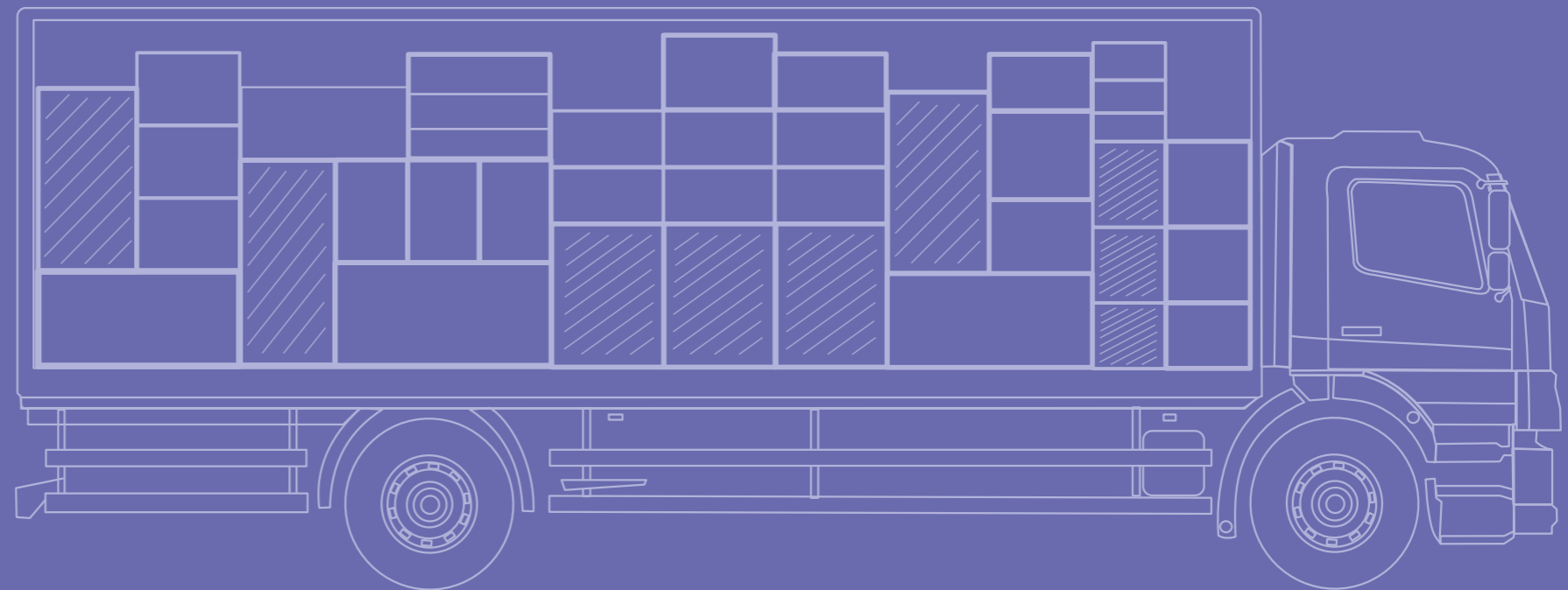
CLIENTS AND PARTNERS

- Valmet Automation
- Metso
- Outotec
- Siemens AG
- Ilim Nordic Timber GmbH & Co. KG
- Kagazy Recycling
- Kiev pulp and paper mill
- Arkhangelsk pulp and paper mill
- Bratsky DOK
- Vologodskiye lesopromyshlenniki
- Ilim Group
- Ilim Timber

- Karjala Pulp (AO "Kondopoga")
- Migan Pack
- Mondi SLPK
- Pavlovo-Posadskiy gofrokombinat
- Segezha Group
- Solomensky sawmill
- Zapkarelles

and many others

CONTACTS

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Opti-Loading

WEB-SERVICE FOR OPTIMIZATION OF GOODS SHIPMENT (ROLLS, PACKAGES OF SAWN TIMBER, PALLETS) IN TRANSPORT (WAGONS, TRUCKS, CONTAINERS)

ADVANTAGES

Increasing the efficiency of transport loading by 4 ... 5%

Compliance with requirements for balancing and stiffness of cargo placement, loading order, axle weight, etc.

Can be used as a standalone product (also via Web-interface) or as a plug-in to an existing accounting or MES-system

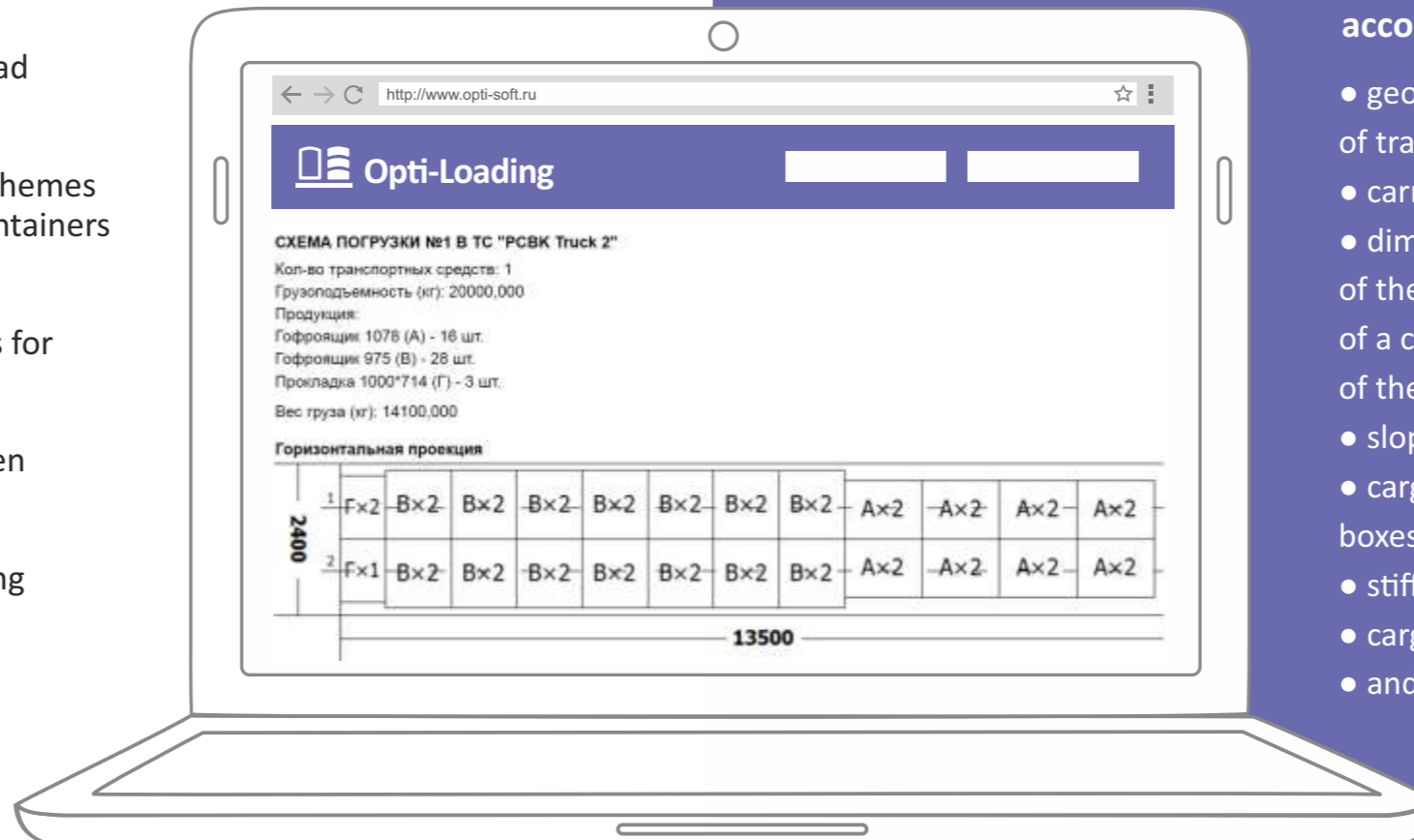**Reduction of transportation costs by 3 ... 4%**

Supports multi-user mode with various functions and access rights

OPTI-LOADING ENABLES AUTOMATIC CALCULATION OF OPTIMAL LOADING SCHEMES:

- optimal plans for mix load (rolls, pallets)

- non-standard loading schemes for wagons, trucks and containers

- the most appropriate set of wagons / containers for selected load volume

- optimal load for the given set of vehicles

- use of existing accounting systems of the Customer eliminates duplication of information

http://www.opti-soft.ru

Opti-Loading

СХЕМА ПОГРУЗКИ №1 В ТС "РСВК Truck 2"
Кол-во транспортных средств: 1
Грузоподъемность (кг): 20000,000
Продукция:
Гофроящик 1078 (А) - 16 шт.
Гофроящик 975 (В) - 28 шт.
Прокладка 1000*714 (Г) - 3 шт.
Вес груза (кг): 14100,000

Горизонтальная проекция

1	F×2	B×2	B×2	B×2	B×2	B×2	B×2	B×2	A×2	A×2	A×2	A×2
2	F×1	B×2	B×2	B×2	B×2	B×2	B×2	B×2	A×2	A×2	A×2	A×2

2400

13500

Opti-Loading takes into account the following factors:

- geometric dimensions of transport
- carrying capacity of transport
- dimensions and location of the gate (at the end of a container, in the middle of the side wall of a wagon)
- slope of the wagon roof
- cargo shape: barrels, rolls, pallets, boxes, mixed load
- stiffness of cargo placement
- cargo balancing
- and other (upon request)