



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

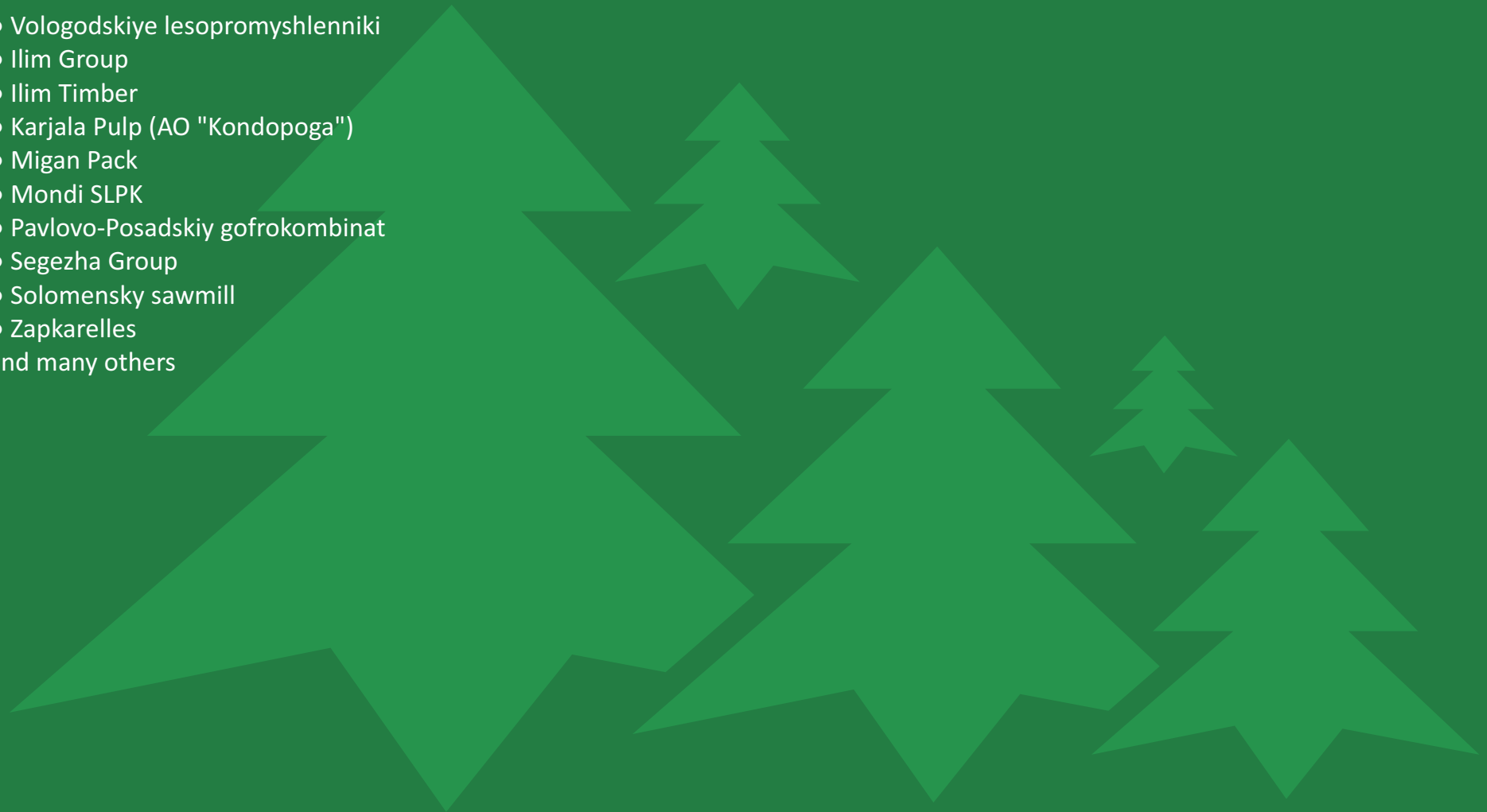
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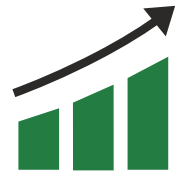


Opti-Sawmill

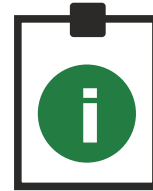
A MODERN DECISION-SUPPORT SYSTEM (DSS) FOR EFFICIENT MANAGEMENT OF SAWMILLS AND WOODWORKING MILLS



ADVANTAGES



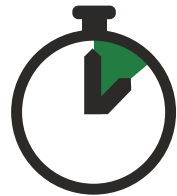
Increased volume yield and profitability of sawn timber production



Increased efficiency of obtaining information on key performance indicators of the mill as a whole, and individual orders in particular



Reduction of production orders execution time due to reduced equipment downtimes and tighter production program



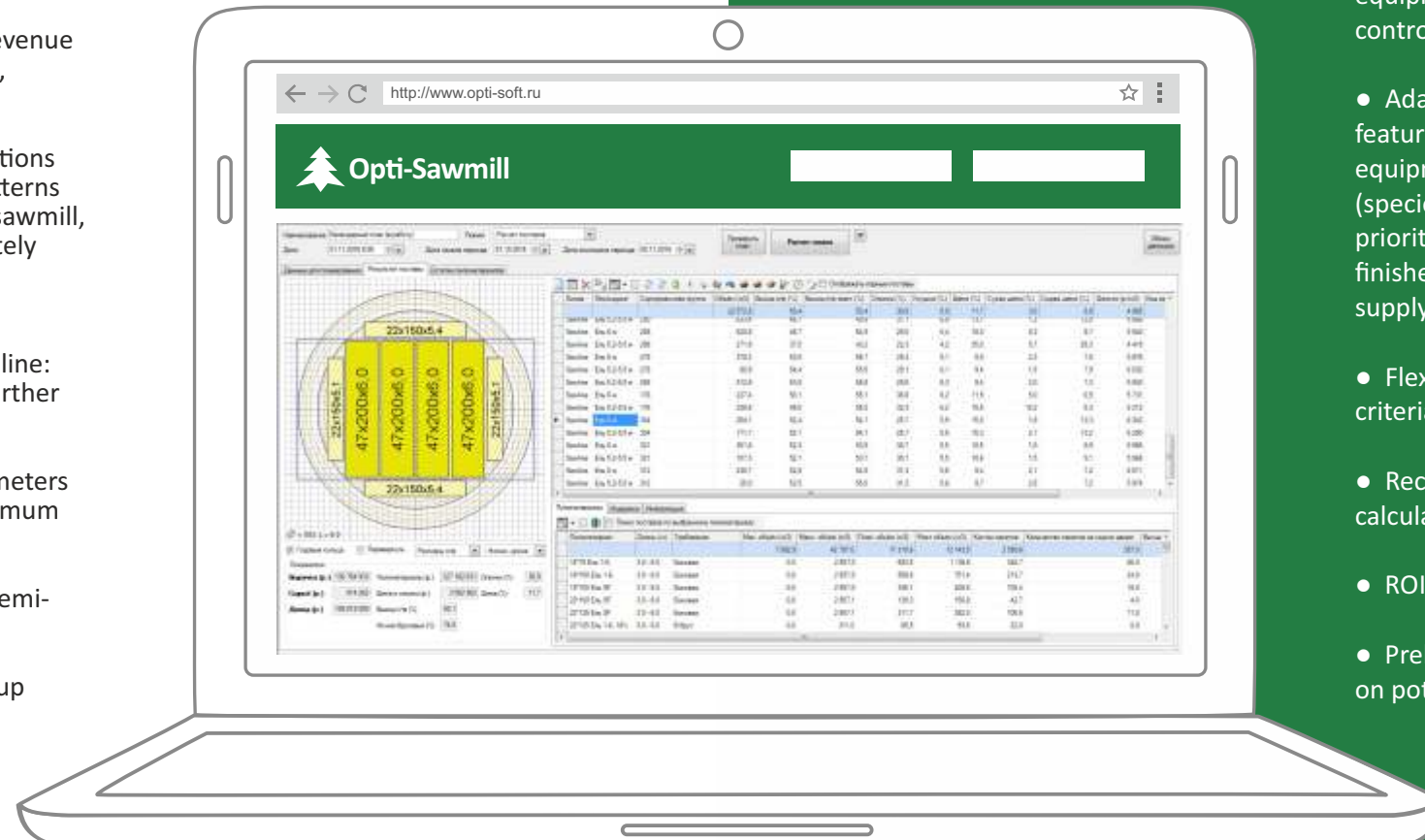
Reduction of time spent by personnel on planning and control procedures due to automation of these processes



Reduction of in-process inventory at all levels by end-to-end planning and optimization throughout the entire production chain

OPTI-SAWMILL ENABLES AUTOMATIC SOLUTION OF THE FOLLOWING TASKS FOR ANY NUMBER OF ORDERS AND EQUIPMENT CONFIGURATION:

- Optimize production by yield, revenue from sales of all types of products, marginality, etc.
- Using customer orders specifications and logs data calculate sawing patterns for maximum efficiency of entire sawmill, and not for each diameter separately
- Calculate optimal schedule for producing batches of goods with coordination of entire production line: sawing, drying, dry sorting, and further processing
- Calculate boundaries of log diameters for sorting sawlogs to obtain maximum marginality or volume yield
- Account for raw materials and semi-finished products stocks
- Optimize the operation of a group of enterprises



- Support of direct connection to process equipment for data input and equipment control
- Adaptation to Customer specifics: features of sawing lines and processing equipment; customer requirements (species, grades, lengths, type of cut); order priorities; stock of raw materials, semi-finished and finished goods; raw materials supply schedule, etc.
- Flexible adjustment of optimization criteria when planning
- Recommendations for improving the calculated plan
- ROI calculations for investment projects
- Preliminary testing of the System on potential customer data