

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 www.opti-soft.ru/en sales@opti-soft.ru +7 (8142) 713-210, +7 (8142) 713-222



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



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



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



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

Re of
or
tin
 to
eq
do
tig

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

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 semifinished products stocks

• Optimize the operation of a group of enterprises

$\leftarrow \rightarrow \mathbb{C}$ http://www.opti-soft.ru											☆
🗼 Opti-Sawmill											
Investigated Processor and Reality Trans. Proceedings	1			(heart)							1
Anno (111-111-11) Announce (11-111-11)	Second e	1011.00	11200	1.000	10000	1114					- 18
Description and Provide and Street Street Street	3043.0				* 14 17 1	C (ritariy ca	-				
	Anna Datase			line of the	and the Public New	and a service of the			Case area (1) (1)	and and [1] Do	
				101934	104	24		1.88		44.	- Camb
22x150x5.4	Timber Dalla	288		5213	187	16.0	260	44 . 18		47	194
	terms (in 120	e 100		15-0	112	- 10	121	42 . 25	A. A.	25.7	144
	Inits July	10		111	101	18.1	284	AF 8		18	144
0000	inter Da 124				84	55,5	- 191	41 4		0.1	4100
	Sector Soci24			10.0	81.0	16.0	188	42. 8		- 15	1.60
	Inte Infa	100		174	50.1 mbir	56.1	34	47 1		43	172
222222	+	1.0		- 204	15.4	- 14-1	141	14 16		14.5	434
Zenseer 1 Zenseer 1 47 v.200 v6, 0 47 v.200 v6, 0 47 v.200 v6, 0 2 ditset 1	These In Lit			Phr.:	10.1	16.1	100	14 . 15		952	1.25
4 4 4 4 4	Inter Parts	192		814	12.1	45.9	141	10	1.1	8.6	1.000
	Status \$15525			10.1	10.1	507	361	10 10		9.5	1.146
All has been been been been been been been bee	finin fals	191		281	10.0	56.0	104	14 . 4		ta .	4411
22/150/5-4	terier (a135	(+)ti		81	515	- 58.5	91.	14 4	PC 104	U :	100
	Annual line										
	D-2018										
(Construction Property in the same of	Course .	244.14	Telebor	No. 4	VACT -	ALM C	And in the state	Cardina Cardina	Inc.		1010
Property of the set of the set of	1778.8m 14	38.85	Terest		44.	- America	-111	1184	181.7		84
Married & W. W.W. Summaries 10740101 (month) 10.0	carried (in 14	10-00	(inter		0.0	2453	100.0	The .	2467		440
Samilal (#100 Secondar) (2000, Sec.) (10)	1510 84.8	11.11	Serme		2.0	280.9	1811	201	191.0		914
	2010/06/8	33-64	Sector		- 68	2.8077	1912	194.8	-42.7		-43
the state of the s	2715 to P	12-41	Server.		- 18	20073	1007	3823	126.8		118
man (grand /) (k.t.	210.04.14.16	10.44	1944		44	214	90	40	-8.4		- 64

• 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, semifinished 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