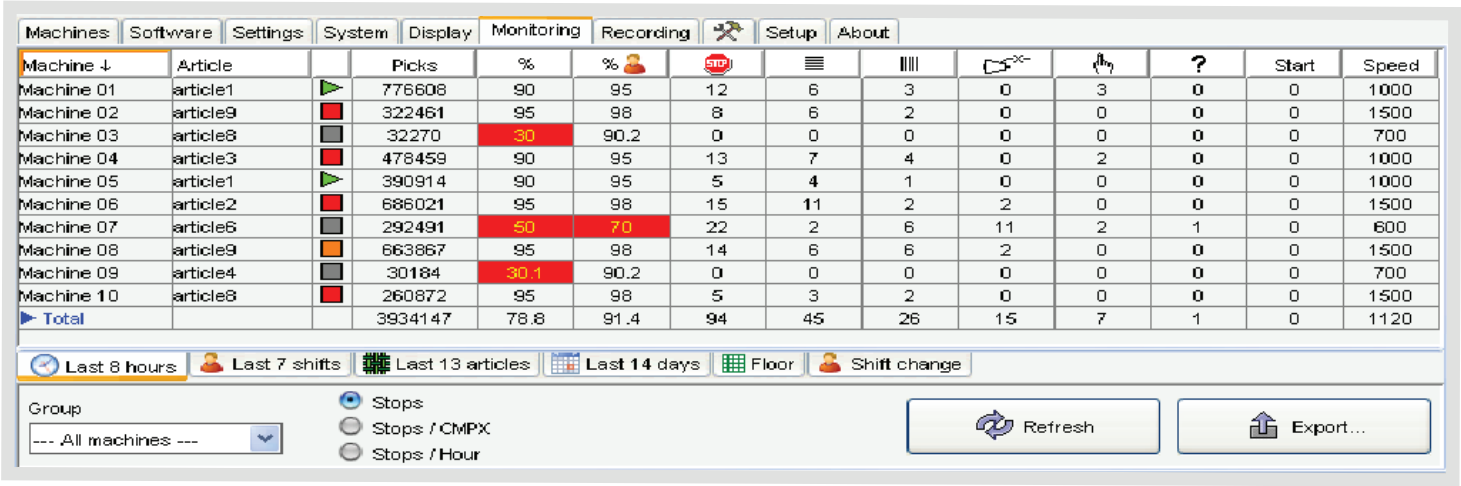
LoomGate

What

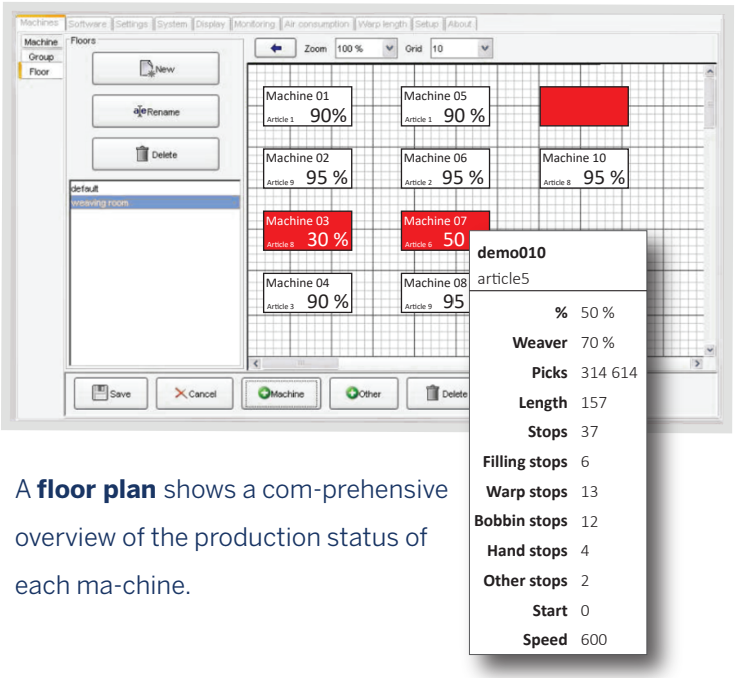
LoomGate is part of the Picanol PC Suite and can easily be installed by the customer on any PC that is connected to the company LAN. LoomGate brings the weave room to the office, using the standard networking capabilities of machines equipped with an interactive display. It offers an **overview of the weaving process** information and the possibility to **exchange data** with and between the machines.

Monitoring

LoomGate makes it possible to monitor the air consumption, the warp and order length, as well as detailed production data.



Machine	Article		Picks	%	%							Start	Speed
Machine 01	article1		776608	90	95	12	6	3	0	3	0	0	1000
Machine 02	article9		322461	95	98	8	6	2	0	0	0	0	1500
Machine 03	article8		32270	30	90.2	0	0	0	0	0	0	0	700
Machine 04	article3		478459	90	95	13	7	4	0	2	0	0	1000
Machine 05	article1		390914	90	95	5	4	1	0	0	0	0	1000
Machine 06	article2		686021	95	98	15	11	2	2	0	0	0	1500
Machine 07	article6		292491	50	70	22	2	6	11	2	1	0	600
Machine 08	article9		663867	95	98	14	6	6	2	0	0	0	1500
Machine 09	article4		30184	30.1	90.2	0	0	0	0	0	0	0	700
Machine 10	article8		260872	95	98	5	3	2	0	0	0	0	1500
Total			3934147	78.8	91.4	94	45	26	15	7	1	0	1120



A **floor plan** shows a com-prehensive overview of the production status of each ma-chine.

Graphics & table overviews allow efficient analysis of the pro-duction data. The data can be exported as CSV or XML files to be processed with programs like MS Excel, Access or custom-made applications.

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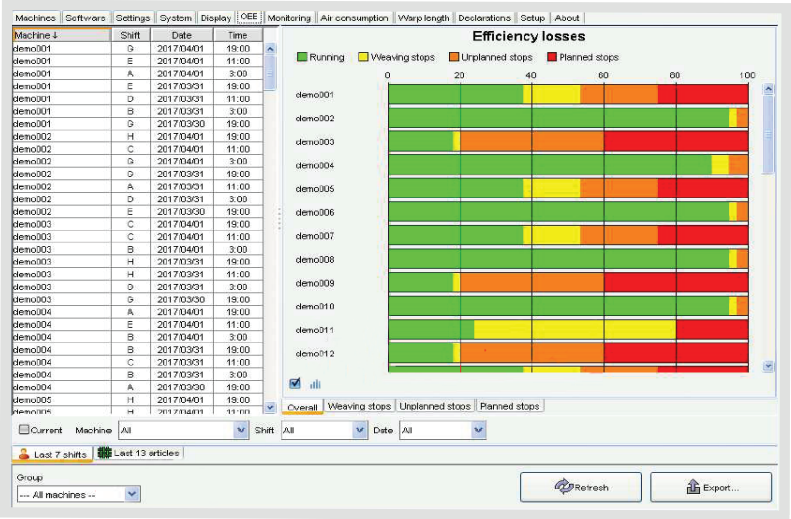
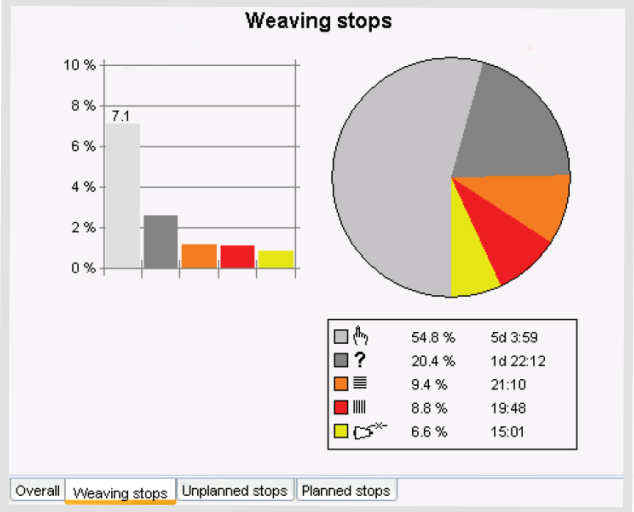
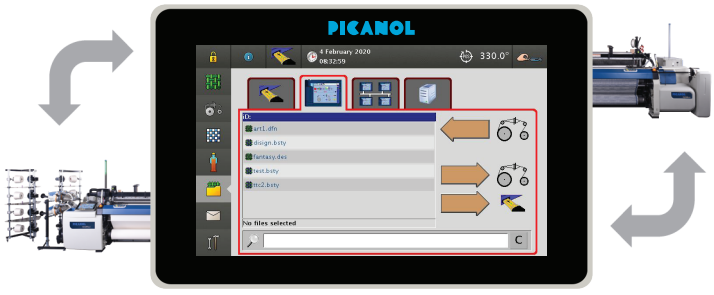
Overall Equipment Effectiveness (OEE)

By enabling the operator at the machine to declare the reason of production stops, LoomGate makes it possible to categorize the most com-mon causes of productivity loss according to the OEE stan-dards. This makes it possible to **improve the effective-ness of the manufacturing process** by concentrating on the areas that will provide the greatest return on asset.





Style transfer



The style transfer function of LoomGate allows the opera-tor at the machine to download settings and/or designs that are stored on a central network disk. This enables to **centrally store and manage the article settings and designs** . The settings can also be uploaded from the machine to the network disk for later use.

Diagnostics

By using the **remote display**, it becomes possible to check the machine settings and the weaving process parame-ters, while sitting in the office.

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Picanol Original Quality Parts offers a wide range of products and solutions to increase the flexibility, performance and profitability of your installed weaving machines. We provide state-of-the-art technology adapted for your weaving machines, helping you to realize maximum weaving results and value of the machine investment.
For more information, please contact your local Customer Service Representative (CSR).

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