



## L'Oréal Achieves 10% Production Efficiency Improvements with Real-TPI

L'Oréal's Libramont, Belgium facility increased production efficiencies with ABB's Optimize<sup>IT</sup> Real-Time Production Intelligence (Real-TPI). The number and length of stoppages have been substantially reduced.

<b>Client:</b>	<b>L'Oréal</b>
<b>Location:</b>	<b>Libramont, Belgium</b>
<b>Scope of Work:</b>	<b>Optimize<sup>IT</sup> Real-Time Production Intelligence (Real-TPI)</b>

*L'Oréal, the world's number-one cosmetics company, achieved a double-digit increase in productivity after installing ABB's Optimize<sup>IT</sup> Real-Time Production Intelligence (Real-TPI) on its main packaging lines at a manufacturing facility in Belgium.*



As part of its ongoing pursuit of manufacturing excellence, L'Oréal chose ABB's Optimize<sup>IT</sup> Real-Time Production Intelligence (Real-TPI) to enable identification and reduction of production bottlenecks at their high-speed hair coloration kit packaging line in Libramont, Belgium. Real-TPI is delivering measurable KPI (Key Performance Indicator) improvements, including a 10% efficiency improvement.

### The Background

A key asset of the group, L'Oréal Libramont specializes in the production of retail hair care products. The plant consists of 2 main production units: hair spray/aerosol and hair dyeing kits. In 2001, 244 millions units were produced in Libramont for local and international markets.

### The Solution

Most manufacturers would like to improve their productivity by reducing stoppages and other optimizing strategies. L'Oréal is constantly looking at ways to reduce unplanned stoppages and improve productivity.

As part of its ongoing pursuit of manufacturing excellence, L'Oréal chose ABB's Real-TPI for a high-speed hair coloration kit packaging line in Libramont, Belgium in 2001.

Real-TPI is a factory information system that improves plant productivity by identifying ways to increase efficiency. This user-friendly software program uses best-in-class products industry standard production evaluation techniques to deliver measurable KPI (Key Performance Indicator) improvements.

After achieving a rapid and significant increase in productivity, L'Oréal next installed Real-TPI on a second high-speed packaging line for another branded hair coloration kit, where improvements in productivity were again quickly realized.

### Results

L'Oréal found on both occasions that it was able to bring the lines up to nominal speed much quicker than before. This is because Real-TPI identifies, prioritizes and displays the bottlenecks and emerging problems as and when they appear, enabling them to be quickly rectified. The number and length of stoppages was reduced substantially.

With the positive experience of two line installations to go on, L'Oréal extended the use of Real-TPI to three more high-speed packaging lines in 2003.

At this point, L'Oréal was able to make maximum use of the extensive data collected over several years by the Real-TPI software. The continuous improvement teams were supplied with useful production information, allowing them to focus on remedying top performance losers. Operators and maintenance staff were able to concentrate on the main sources of underperformance, rectify problems before they led to stoppages, and evaluate the results of their actions.

Each of these coordinated actions is part of a single and very clear, continuous improvement strategy that has enabled L'Oréal Libramont to improve the efficiency of the packaging lines equipped with Real-TPI by at least 10 percent.

Not surprisingly, L'Oréal has chosen to equip a sixth packaging line with Real-TPI. The line was commissioned in late 2004. The software is already helping to bring the line up to nominal speed.

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## Why Choose ABB?

- Optimizing Plant Asset Availability and Performance
- Reducing Time to Decision and Action
- Integrating Information for Improved Visibility
- Turning Data into Actionable Knowledge
- Identifying Ways to Improve Factory Performance
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For more information on how ABB's Optimize IT Real-Time Production Intelligence can be employed to solve your consumer product manufacturing issues, visit us at [www.abb.com/consumer](http://www.abb.com/consumer).



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