



**Results-Driven Automation**



**Value-Added Solutions**

## Losses Reduced, Paper Quality and Machine Productivity Improved for Ripasa Paper

*“ABB systems have helped us to reduce paper loss, as well as improve paper quality and machine productivity.”*

Giovani Varela  
Production Manager  
Ripasa

Ripasa S.A. has produced pulp and a variety of printing papers, writing papers, specialty papers and cartonboard for 45 years. Currently it has four mills located in the State of Sao Paulo and employs nearly 2,700 people.

### Background

As part of an upgrade to the Ripasa-Limeira mill ABB was chosen to replace existing automation solutions, and partner with the rebuild of the PM1 line to support an on-line coater machine. The project also included automation upgrades on PM2, the Pulp Mill and PM4 at their Cia. Santista mill.

### The challenge

Ripasa looked to establish a partnership with a supplier who could integrate their automation vision into the process, on a very tight schedule.

### The solution

The mill already had ABB Quality Control solutions, as well as Drives and Open Control solutions. This project supplied:

**PM 1** (Now an on-machine coater)

- Additional Scanning Platform SP1200
- 2 Additional Operator Stations
- Additional Gloss measurements
- Web Imaging solution



**PM2**

- Open Control solution
- 2 Operator Stations
- S800 I/O (3,200 points)
- Web Imaging solution

**OMC**

- Web Imaging solution

**Pulping**

- 4 Control<sup>IT</sup> AC450 Process Controllers
- S800 I/O with HART Protocol (5,000 points)
- 12 Operate<sup>IT</sup> Process Portal

**PM4** (Cia. Santista)

- Industrial<sup>IT</sup> Quality Control

### Project success

“ABB systems have helped us to reduce paper loss, as well as improve paper quality and machine productivity.” Giovani Varela, Production Manager.

“We were very worried about the implementation phase of the project to



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# Success Stories



(L) Marco Antonio Fuzato – Paper Technology Manager. (C) Altair Marcos Pereira – Corporate General Manager of Engineering and Technology. (R) Fernando Candido de Oliveira – Lead Process Engineer

replace our old DCS on PM2. There was little documentation available on the old software, and the planned machine shutdown time to perform the replacement was really tight! However, ABB has overcome even the most optimistic expectations, and did it very precisely and smoothly. The project was executed on time, and within budget,” said Altair Pereira, Corporate General Manager of Engineering and Technology.

“ABB Industrial IT technology allowed us to integrate our mill information network, so we have now implemented an information management system. The Industrial IT technology has opened the door to our millwide automation and information system,” said Marco Antonio Fuzato, Paper Technology Manager.

For more information on how to solve your pulp and paper manufacturing control concerns, visit us at [www.abb.com/pulpandpaper](http://www.abb.com/pulpandpaper).

