

**Results-Driven Automation**



**Best-In-Class Products**

Success Stories  
**Pulp & Paper**

## Weyerhaeuser Benefits from ABB's Industrial<sup>IT</sup> Process Automation Solutions

Weyerhaeuser (Pine Hill) has enhanced their process control with ABB's Industrial IT technology. It enables them to provide the right information to the right people - when it's needed.

### Benefits of Industrial IT

- Ease of Installation
- Engineering for Maximum Performance
- Continuous Productivity Improvements
- Reduced Time to Decision and Action
- Integrating Information for Improved Visibility
- Proven Solutions Based on Industry Knowledge and Experience
- Investment Enhancement through Evolution

### Background

Weyerhaeuser Corporation's had a good, long-term relationship with ABB. In 2003, Pine Hill (Alabama) was one of their first mills to utilize Industrial IT technology.

### Ease of Installation

Weyerhaeuser's Process Control Engineer Eric Fleming describes the installation: "We had a very good startup. We were up-to-speed a lot quicker than expected. That goes back to good training from ABB and the nature of the system."

### Engineering For Maximum Performance

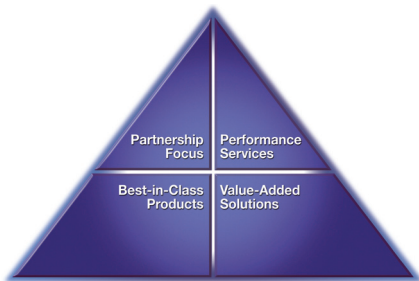
Fleming again, on engineering benefits: "It gives me the opportunity to do a lot more things - because it is flexible *and* powerful. Maintenance and troubleshooting (are) a lot easier. There's a lot more diagnostics available to us."

Pulp Mill Assistant Superintendent Doug McCarty adds: "It's exciting to see people wanting to do things (with the new system) because it's easier. You can see results much quicker."

### Reducing Time to Decision and Action

According to Pulp Mill Superintendent Chuck Neese, the system offers critical market advantages. "We can free up operators to do other jobs. It's an excellent tool for optimizing the operation. Those are the things you've got to do to survive."

Fleming again: "The combination of openness and availability of process information to anyone - has cut down on diagnosis and troubleshooting."



## Results-Driven Automation

Success Stories

### Integrating Information for Improved Visibility

“We’ve migrated two systems, to pass data to a mill-wide information system to display to everyone” McCarty told us. “The integration works well, it’s robust. (It gives) everyone information at their fingertips to make critical operations decisions in real-time, and also (the ability to look) back over the past 30 days, to find out what we did well and what we can improve on.”

Neese added: “Because we’ve downsized, I don’t have as much time as I did to go to the control room. Now I can sit in my office and monitor the operation. There’s a lot more information available in the ABB system and it’s certainly made my job easier.”

“The name of the game when you have a 24/7 operation is uptime,” says Pine Hill’s Manager of Manufacturing and Engineering Services, Jim Harner. “The system we put in has high uptime; it’s been very reliable.”

### Proven Solutions, Industry Knowledge & Experience

“ABB has a very good pulp & paper group,” McCarty told us. “They’ve been in this business a long time. ABB products work well. The knowledgeable people & the support are there. When we chose ABB, we knew it was going to be fine.”

Harner said: “ABB appears to be getting stronger; to have held their ground in a pretty tough industry. ABB is one of the few that can handle a big pulp & paper project.”

### Investment Enhancement Through Evolution

McCarty again: “We’re adding on to an existing Bailey system. We decided to put the same (backward compatible) hardware on that one that we put on this (latest) project in our pulp mill. We’re integrating the new products from ABB in to this (previous) system so we’ll have some standardization.”

### The Future

Fleming again: “I’d like to see - a further marriage, if you will – between Weyerhaeuser Pine Hill and ABB, now that we have our base, initial system in place. I would like to see everything here, controls-wise, have “ABB” stamped on it, and both of us reaping the benefits of the investment.”

For more information on ABB control systems, call us at: 1.800.922.2475 (or if not in the US: 585.273.6417), email us at: [industrialitsolutions@us.abb.com](mailto:industrialitsolutions@us.abb.com), or log on to: [www.abb.com/controlsystems](http://www.abb.com/controlsystems).

For more information on how ABB’s Industrial IT technology can be employed to solve your pulp & paper control issues, visit us at: [www.abb.com/pulppandpaper](http://www.abb.com/pulppandpaper).

