

## CASE STUDY

# Catalyst Paper

Data Management At Catalyst Paper  
Is On A Roll

Catalyst

*“PARCview has given us the ability make decisions based on events as they occur and, in some cases, forecast into the future.”*

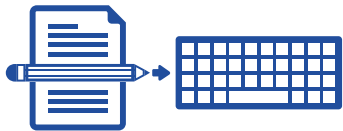
## Steve West

Senior Process Engineer  
Catalyst Paper



**-17%**

Reduced Coating Cost While  
Improving Gradebased Management



## Simplified

Internal Process Monitoring Tasks



## Improved Centerlining

Ensures Consistent Process Runs

## Catalyst Paper's Story

Catalyst Paper's Rumford Division, located in the western region of Maine, was established in 1901, and remains a major employer in the state's region. It produces coated one and two sided paper, including paper commonly used in food and beverage packaging. Rumford employs over 640 people. The mill has used OSisoft® PI System, GE Proficy, and Honeywell OptiVision to gather, store, and present process and quality data for over 20 years.

## Catalyst Paper's Challenges

Catalyst was diving into more challenging product structures and operations leadership understood that the current tools were not delivering. There were many challenges including combining data from multiple databases, the lack of ability to easily connect to multiple data sources and present the data in one window, difficulty correlating and filtering data, and lack of intuitive tools for analysis.

## The dataPARC Solution

dataPARC's PARCview quickly showed its capabilities. Stability was improved in several key customer quality requirements. Internal process monitoring tasks were simplified with the aid of PARCview's grade-based "Run Browser" and "Centerlining" tools, along with the "Golden Run" concept.

### Results Were Immediate And Impactful Including:

- Streamlined papermaking process
- Engineers can see when long term, grade based quality data demand adjustments to recipes and formulas
- Operators now use centerline displays to check current grade and production rate
- Paper run schedule and future trends of raw material inventories and demands are now combined.
- SQL Templates pulls in data from many different sources including wood delivery system, vibration monitoring and order management
- Grade-specific centerlining on all three paper machines
- Centerlining by production rate in pulp mill and power and recovery