

DIGITAL



CONTROLsuite

Intuitive, user-friendly
and comprehensive
optimization of loop
performance



CONTROLSuite

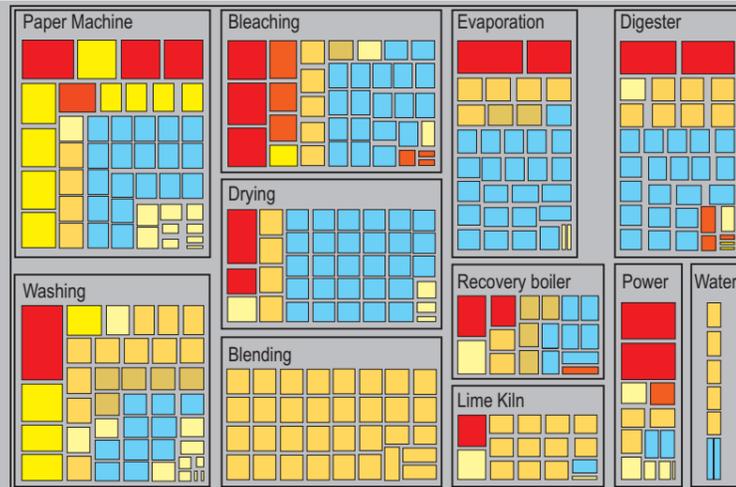
Total efficiency is achieved by combining the individual performance of different process areas in a facility. Within each process area, dozens of loops control every process parameter - such as flow, pressure, or consistency.

Consequently, optimum performance depends on the high-efficiency performance of thousands of loops simultaneously. With so many loops to monitor, it's a challenge to determine which loops are not operating efficiently – or what actions need to be taken to restore high performance.

BTG makes it easy

With **CONTROLSuite**, optimum performance is possible.

CONTROLSuite provides a complete overview of loop performance throughout the entire facility. It identifies and prioritizes the loops that are not performing satisfactorily and identifies the root causes of loop issues. This integrated platform permits continuous loop monitoring and a tool box for evaluation and tuning whenever required.



Through systematic analysis, CONTROLSuite identifies the root causes of loop issues. By offering clear, immediate visualisation of all the loops, CONTROLSuite prioritises which loops need to be improved first in order to have the highest impact on overall performance.

CONTROLtrac: Understand your loop

CONTROLtrac is looking at 4 key metrics to understand the different problems that a control loop may be suffering:

1. Set Point Tracking – how well the process variable is controlled to the set point
2. Disturbance – ability of a control loop to recover from disturbances
3. Oscillation – strength and persistence of an oscillation
4. Actuator – actuator problems causing abnormal process

A discrete logic then combines the different performance issues by type and relevance and gives an overall performance score to the loop.



Energy savings

(1-2%)

Quality improvement

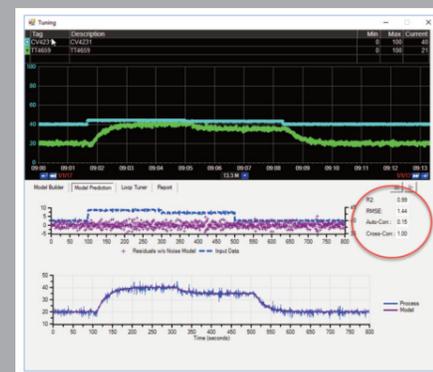
Productivity increase

(4-8%)

CONTROLtune = Tune your loop

CONTROLtune is an integrated tool to analyze, simulate and select loop parameters to achieve desired performance.

- Intuitive, simple to use tool
- Compatible with all Control Systems
- Provides instant loop improvements
- Industry Expert Support Available
- Fully Integrated with dataPARC



Confidence in the future



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About us

The BTG Group is a multinational provider of integrated, highly specialized process solutions for the global pulp and paper industry. Every day our people help customers achieve sustainable gains in business performance through our application know-how and industry-leading technologies. This includes world-leading rods and beds for film-metering size presses; high-performance ceramic and cermet coating blades; high-performance tissue creping doctors and doctor holders, specialty doctor blades and pulp and paper process control sensors and laboratory instruments. All of these technologies are supported with expert services and application support.

Our advanced integration philosophy combines high-quality instrumentation, detailed and versatile data analytics and our unique, expert applications experience to provide BTG customers with operational advantages that realise new gains in productivity and profitability.

Headquartered in Eclépens, Switzerland, BTG employs about 600 professionals across the world and operates four manufacturing sites, three research centers and several regional application centers. The BTG Group is an operating unit of Voith Paper (www.voith.com).



Contact

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