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BTG introduces Pulp 4.0, an integrated solution to improve overall fiberline performance

Optimizing fiberline productivity and profitability is a key challenge for pulp mills across the globe. To support this objective, BTG introduces an integrated approach: BTG Pulp 4.0. With this solution, cutting-edge process measurements are combined with advanced process controls, all supported by BTG expert application and services. Pulp 4.0 improves pulp quality while decreasing process variability resulting in an optimized production cost.

Delivered economic benefits are up to 10 USD / ton, when applied across the fiberline.

Key critical process measurements including fiber kappa measured by Single Point Kappa Analyzers (SPK), total kappa measured by Bleach Load Transmitters (BLT), brightness measured by Brightness Transmitters (BT) along with foundation measurements of production rate, temperature, pH, etc are critical to the success of any fiberline optimization initiative. These differentiated BTG measurements have been well received with global pulp producers over the last decade and are an integral part of the solution.

Pulp 4.0 can be implemented for the entire fiberline, or by process area. The three process areas are:

- MACScook to improve kappa stability and optimizing yield
- MACSwash and MACSO₂ to optimize black liquor solids, washing carryover and oxygen delignification
- MACSbleach reduces bleaching chemicals and reduces bleaching quality variability

MACScook, MACSwash, MACSO₂ and MACSbleach have already been implemented with multiple customers around the world.

Read the detailed [BTG Pulp 4.0 Brochure](#)

Watch the [BTG Pulp 4.0 video](#)

BTG Group is a multinational provider of integrated, highly specialized process solutions for the global pulp and paper industry. BTG is committed to help its customers achieve significant, sustainable gains in business performance.

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