



PULP & PAPER

SMART™* TECHNOLOGY DYNAMIC 3D NIP ANALYTICS

BY ANDRITZ FABRICS AND ROLLS

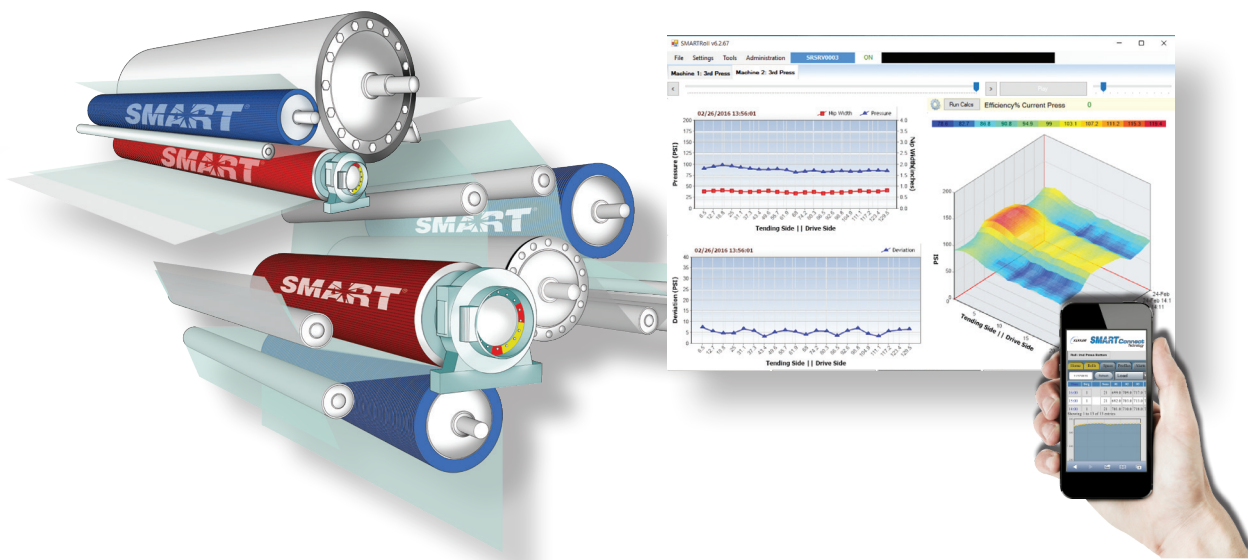
ANDRITZ

ENGINEERED SUCCESS

Know exactly how your nipped rolls are performing

SMART Technology is the most advanced and comprehensive nip monitoring system available to help you improve the performance of all your nipped roll positions, including suction roll and tissue Yankee applications. SMART Technology comes with its own integrated computer system that controls monitoring, retrieving, saving and displaying data, processing real-time calculations and more.

It is now simpler to install and connect to any existing computer on site. And with the new Value Calculator feature, SMART Technology provides a quick glimpse of your machine's biggest savings opportunities for actionable decision-making.



Proven on a wide range of roll applications

- Cluster presses
- Straight-through presses
- Shoe presses
- Suction roll presses
- Tissue Yankee positions
- Size presses and coaters
- Converting, and more!

Also proven in multiple industrial applications

- Tissue and towel
- Board and packaging
- Printing/writing and newsprint
- Pulp drying
- Nonwoven lines
- Fiber cement lines
- And more!

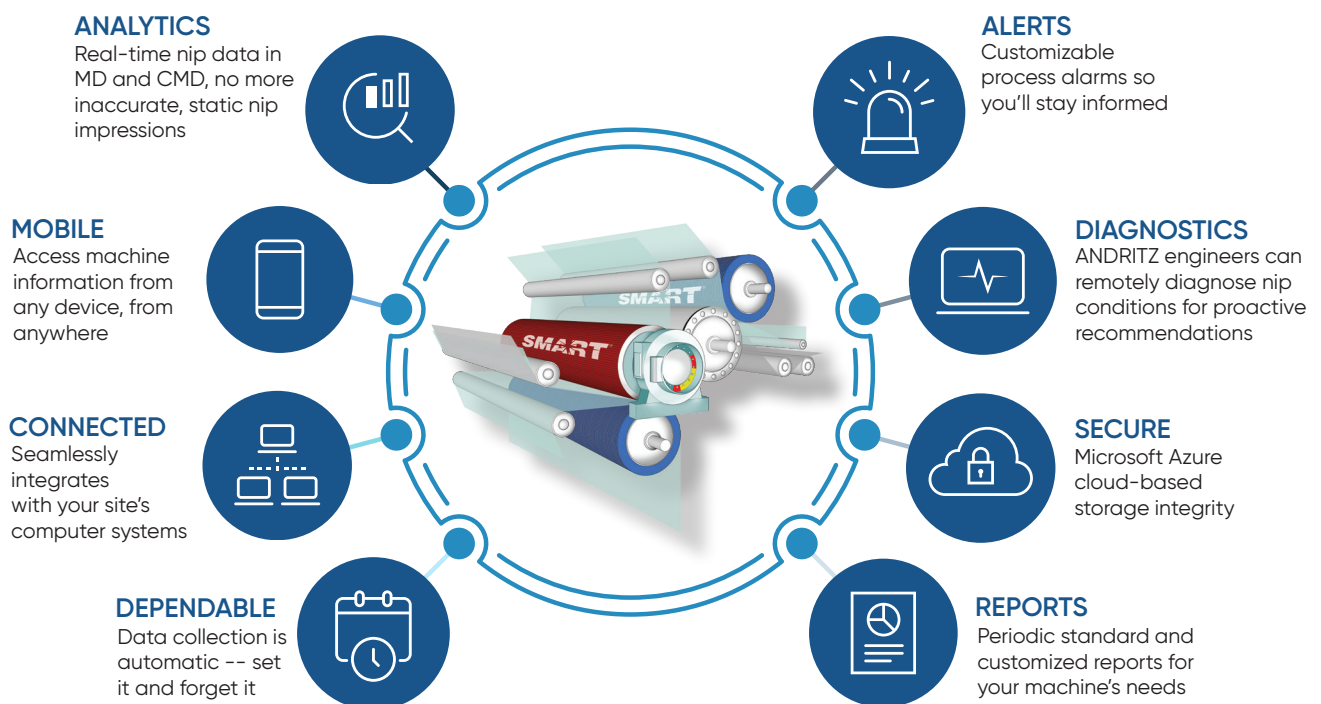
Troubleshoot and optimize without costly downtime

- Real-time nip profiles
- Improved roll and clothing reliability, lifetime
- Higher machine speeds
- Increased output
- Reduced energy consumption
- Highest efficiency and profits



With SMART Technology you get the total package

Each new SMART Technology application is a comprehensive suite of unique functionality enabling unprecedented, real-time insight into your machine's most challenging nipped roll applications.



CUSTOMER BENEFITS ARE AMAZING

- Customer documented over \$1 million annually in energy savings and increased productivity
- Customer realized over \$700,000 in annual fiber savings
- Customer eliminated over \$750,000 annually in quality rejects



SMART TECHNOLOGY FROM THE PIONEERS OF INTELLIGENT NIP ANALYTICS

Our global team of engineers are ready to customize the optimum roll cover and machine clothing solution specifically for each of your machine. Our unique Rezolve analytics platform evaluates over 400 machine variables from SMART Technology and in-mill surveys to determine not only the correct products but critical operating parameters that ensure peak machine efficiency with improved product quality on your most challenging positions.

For more details contact your ANDRITZ Fabrics and Rolls representative today and learn how our unique technology solutions can improve your the performance of your machine.



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