



SUPERIOR PERFORMANCE IN THICKENING WITH ADVANCED DIGITAL SOLUTIONS

ANDRITZ ACE for thickeners

ANDRITZ

Unlock full potential of your thickener with advanced process control solutions

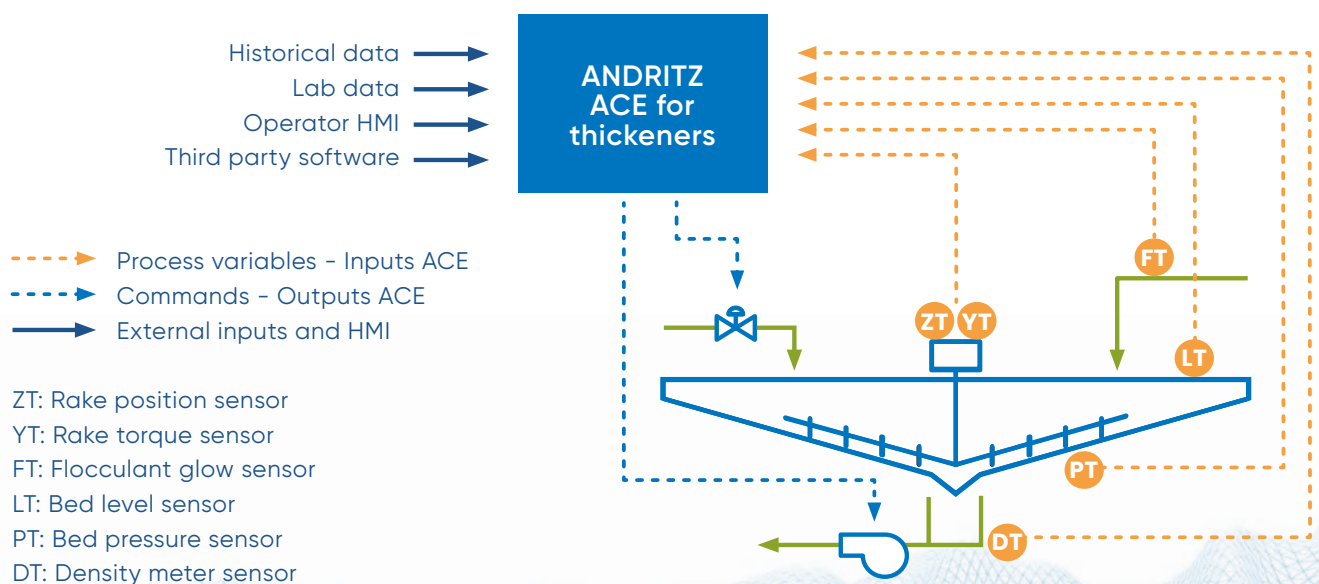
Introducing ANDRITZ ACE for thickeners – your key to transforming thickener performance in mining operations.

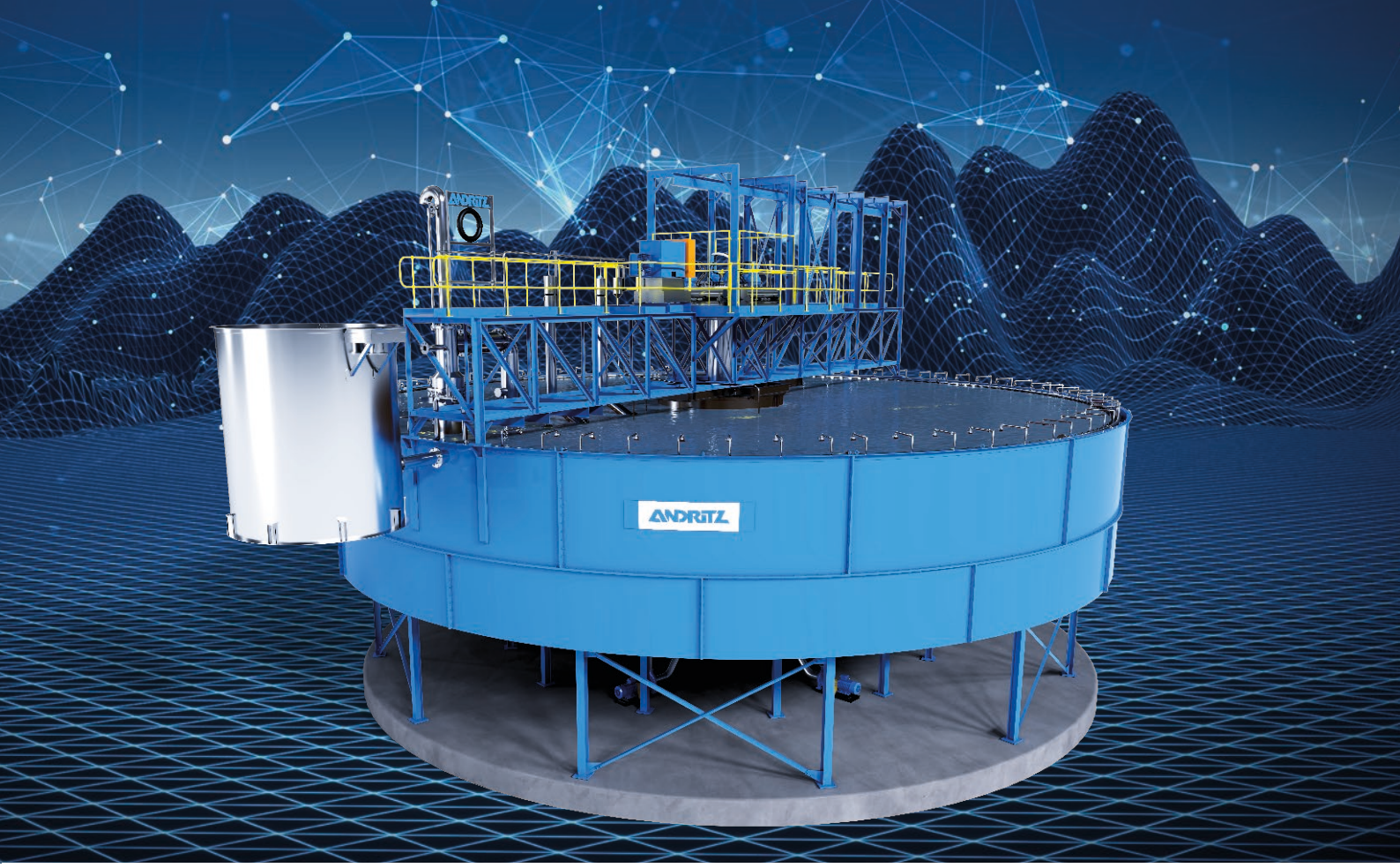
ANDRITZ Digital Solutions delivers cutting-edge intelligence, automation, and optimization technologies to maximize plant performance. At the heart of this portfolio is the Advanced Control Expert (ACE) – an advanced process control (APC) system designed to enhance the performance, efficiency, and stability of critical equipment and process areas. ACE brings AI-driven, adaptive control to single-equipment optimization, delivering superior results for operations such as SAG mills, thickeners, and filters.

Whether you're handling concentrate, tailings, or counter-current decantation (CCD) applications, this technology is designed to maximize efficiency, enhance stability, and promote sustainability.

Features

- Precise underflow density controller**
 Experience the power of a specialized underflow density module that expertly maintains a stable underflow density. This innovative feature guarantees consistent thickener performance while significantly minimizing the need for manual intervention, allowing you to focus on what truly matters.
- Mud level supervision**
 Unlock the advantage of mud level management through comprehensive monitoring of the entire mud level profile. It delivers a precise and reliable definition of mud levels, ensuring stable interface levels, vastly reducing fluctuations, and ultimately maximizing your operational efficiency.
- High rake torque protection**
 Protect your investment with a solution designed to prevent damage by maintaining rake torque within safe limits. This proactive approach reduces downtime and costs while offering peace of mind. Real-time torque monitoring acts swiftly to take necessary actions, ensuring operations run smoothly and efficiently.





OPTIMIZE PROFITABILITY WITH DIGITAL INTELLIGENCE

As part of the ACE suite, this innovative solution automates and optimizes your thickening process, delivering consistent performance, curbing operational costs, and significantly boosting plant profitability. Elevate your operations and experience the power of advanced digital solutions today!

GET AN OVERVIEW
ANDRITZ ACE
for thickeners



Benefits

- **Remarkable consistency in underflow density**
Delivers exceptional consistency by minimizing variability by up to 40% compared to traditional control systems.
- **Superior water recovery**
Enhances water recovery through improved process stability, contributing to sustainability and responsible resource use.
- **Exceptional flocculant savings**
Reduces chemical consumption by up to 30%, saving costs while maintaining peak performance.
- **Unmatched reliability**
Significantly reduces high torque events, elevated bed levels, and high bed pressure incidents, thanks to enhanced process control.
- **Empowering autonomy**
Embodies the philosophy of reduced human intervention, enabling true operational autonomy and freeing up personnel for strategic tasks.



A WORLD OF SEPARATION SOLUTIONS

ANDRITZ provides mechanical and thermal solid/liquid separation technologies, complemented by comprehensive services, automation, and digitalization solutions for the chemicals, environment, food and beverage, as well as mining and minerals industries. Our customized, innovative solutions focus on minimizing resource consumption and maximizing process efficiency, thus making a substantial contribution towards sustainable environmental protection. With over 150 years of experience and more than 2,700 separation specialists around the globe, we are a driving force in the evolution of separation solutions – enabling industries to meet tomorrow's demands responsibly. **ANDRITZ. FOR GROWTH THAT MATTERS.**

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