



# A Proven Standard

**SONARtrac<sup>®</sup> systems have been chosen by more than 75% of the world's major mining companies focused on maximizing process availability. *Are you?***



The *SONARtrac* Flow Monitoring System actively maximizes process up-time at hundreds of key mining sites in over 25 countries. We work closely with our customers to apply our leading edge technology across the minerals beneficiation process to improve both their top and bottom line value.

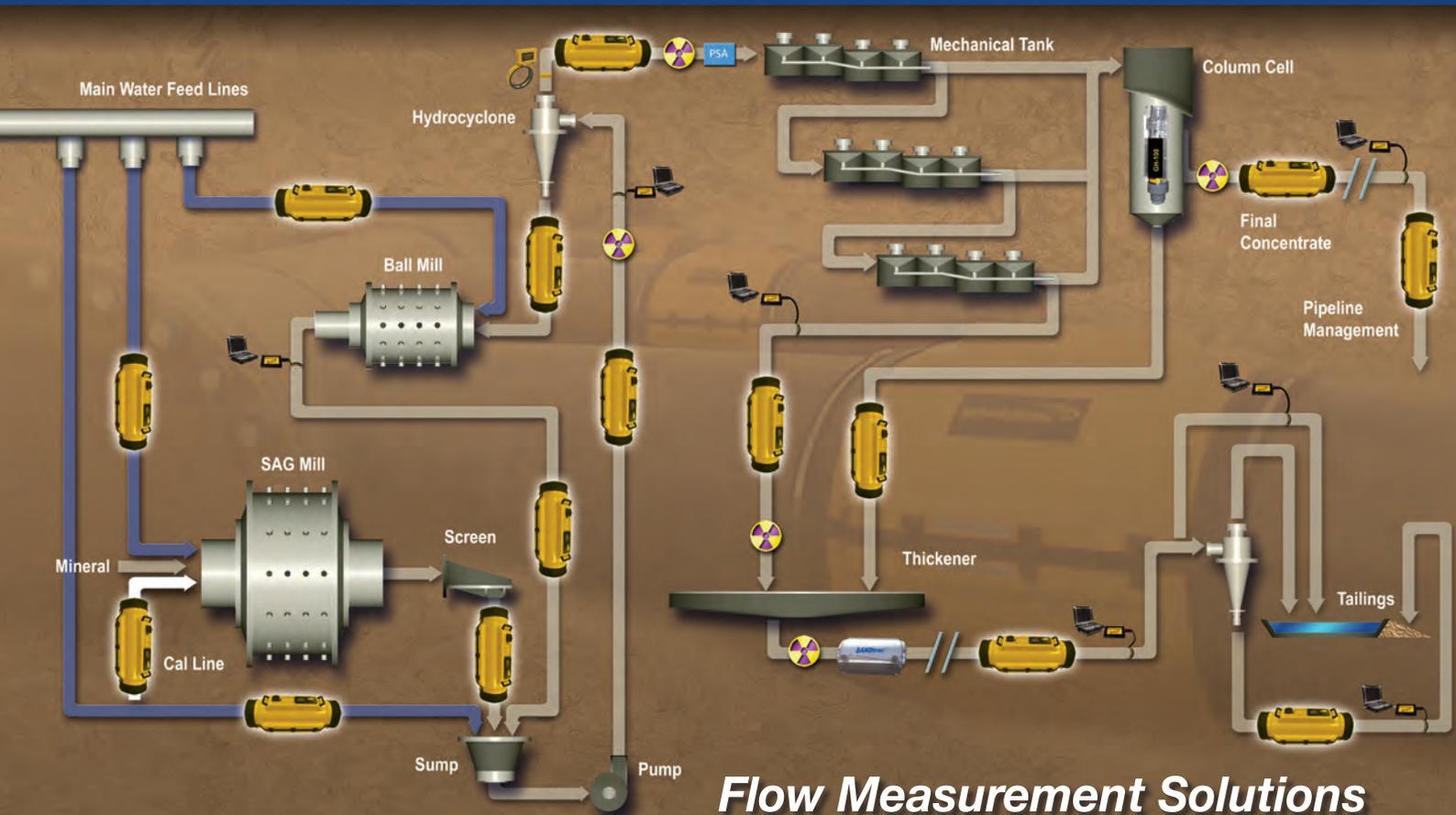
The *SONARtrac* clamp-on flowmeter provides a non-intrusive, on-line, real-time, measurement of the volumetric flow and entrained air present and is repeatable and reliable in the harshest environments and slurry conditions.

*Here are some key features the system offers:*

- The only guaranteed volumetric flow and gas volume fraction solution
- Improves material balance accuracy and reliability
- Enables tighter classification control in the presence of changing ore conditions and operating constraints
- Improves tailings/pipeline efficiency and reduces maintenance costs

For more information on CiDRA's solutions for the Uranium Mining Industry, please contact Joe Poplawski at +1.203.626.3462 or [jpoplawski@cidra.com](mailto:jpoplawski@cidra.com), he would be happy to discuss your flow needs. You can always visit CiDRA at [www.cidra.com](http://www.cidra.com).

**CiDRA<sup>®</sup>**  
Minerals Processing



Breakthrough slurry flow meter enables a step change in flow measurement and entrained air measurement ... **Can your meter do that?**

- Accurate, stable, drift-free slurry flow measurements enabled by array-based technology
- Naturally immune to magnetic material (magnetite, ferrosilicon, pyrrhotite)
- Wraps around outside of pipe
  - No contact with fluid
  - Does not wear out
  - Maintenance-free
  - No leaks
  - No process down time
- Entrained air measurement (gas void fraction)
  - True volumetric flow determination
  - Correction of nuclear density gauges
  - Unprecedented mass balance capability