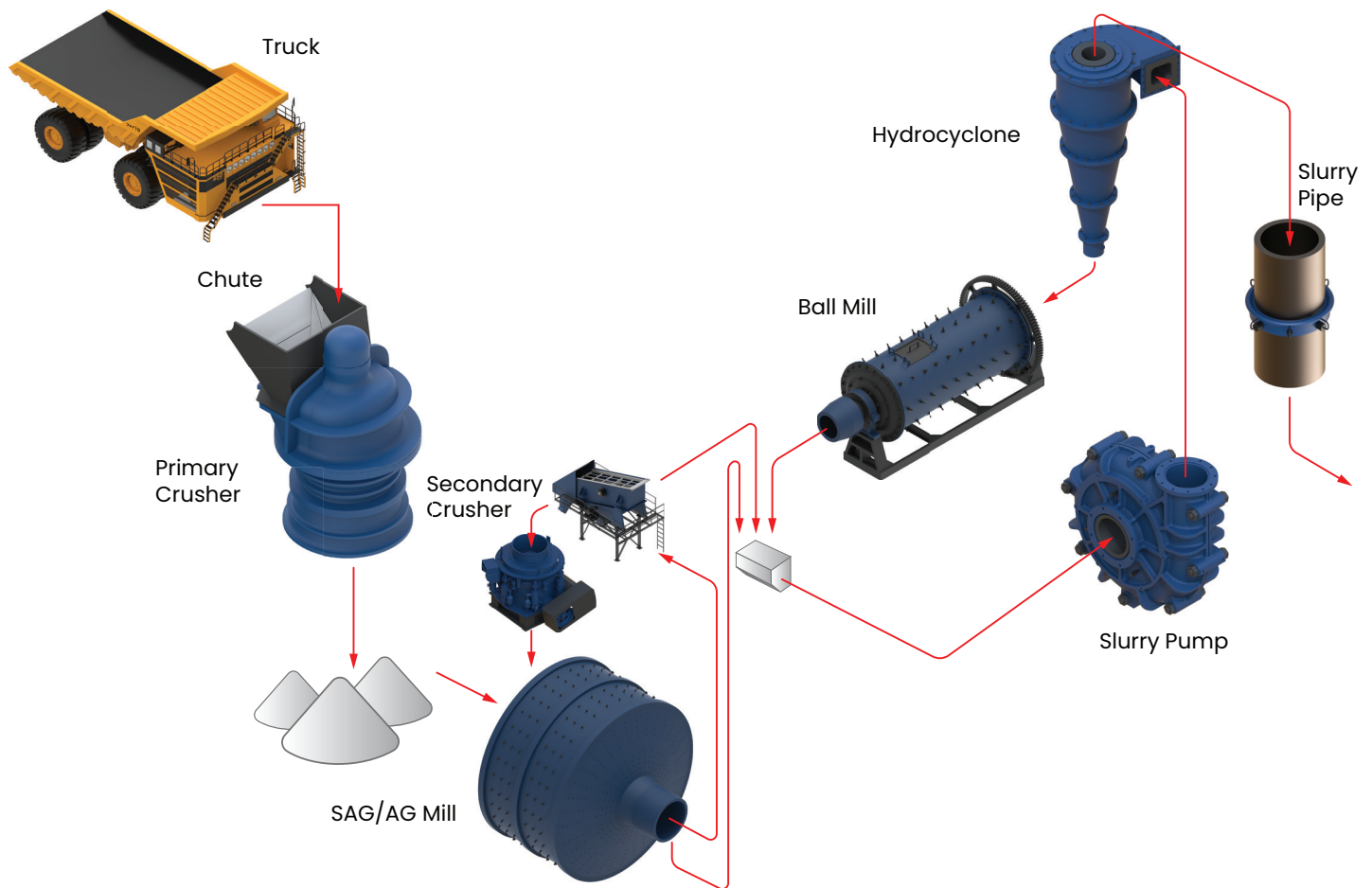


KNOW YOUR WEAR

**A real-time wear monitoring system
engineered for extreme environments.**

Wireless sensors providing real, live, actionable data points of an asset's wear.



Benefits of Wear Sensors



**Maximise
uptime**



**Redefine safety and
safety standards**



**Optimise operations and
improve productivity**



**Minimise waste and
optimise wear design**

Enquire now

P. 1300 BISALLOY
E. solutions@bisalloydigital.com



CHUTES

Chutes are responsible for directing the flow of crushed ore and other materials between different stages of processing. The liners within these chutes play a crucial role, not only in protecting the chute walls from severe impact and abrasive wear but also in maintaining optimal material flow. Wear sensors embedded in these liners are a must in any modern smart operations. They enable real-time remote monitoring, predictive maintenance, and optimised liner usage, resulting in increased operational efficiency, reduced downtime, and enhanced safety. By delivering accurate, real-time data, these sensors support data-driven decision-making, significantly improving the overall performance, cost-effectiveness, and sustainability of mining operations.

- Easy to install – 10mm diameter cold-drill hole
- Set and forget – peace of mind established with alerts
- Real-time reporting
- Seamless integration
- Tailored for precision – our wear sensors are fit for purpose, delivering customisable solutions.



Remove the unknown – install wear sensors to know when to replace your liners and maximise your return on investment.

SPECIFICATIONS	ACTIVE
Length	25-1000mm
Probe diameter	10mm
Resolutions	>0.2mm
Graduations	0-100 *infinitely variable
Response speed	<1ms
Battery life	2 years
Cloud platform compatible	Yes
Water rating	IP67
Working temperature range	-40 ~ 85°C
Vibration	14.1g, IEC 60068-2-64:2008
Shock	10g, IEC 60068-2-6:2007
EMC – IEC	IEC 61000-4-2
EMC – ESD	IEC 61000-4-3

