



We transform how people operate factories

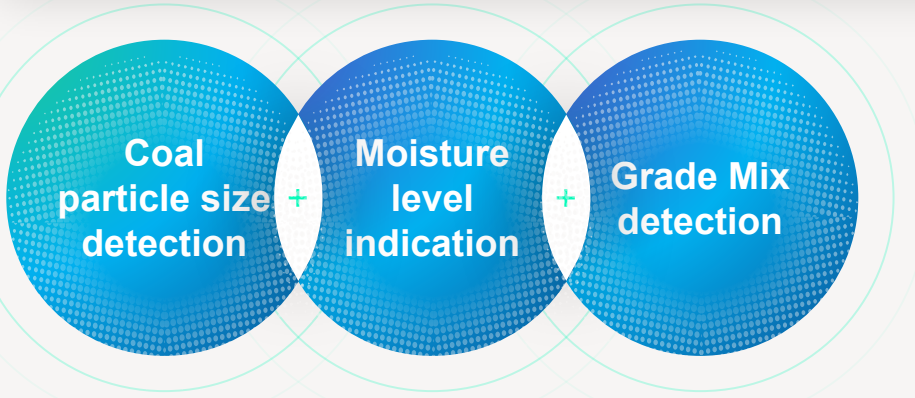
We build intelligent applications for the plant workers to improve productivity, reduce cost and drive sustainability.

[Learn more](#)



**This product is for coal based boilers in power plants**

Coal properties such as size, moisture, and grade are critical for ensuring good efficiency of operations and reliability of these boilers. We have built a unique patented computer vision system for real time and accurate measurement of coal properties.

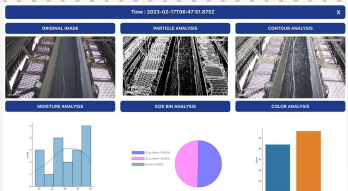


Get 90% accuracy in real-time

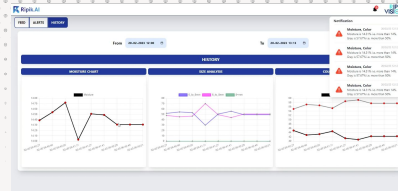
[Video link](#)



## Computer Vision enabled tool



Real-time size detection and distribution of coal particles to avoid large particles going into the boiler



Real-time indication and calibrated analysis on moisture level and thereby enhancing the coal-handling process

S. NO	TIMESTAMP	REASON	COMMENT	VIEW
1	17/02/23 12:18:12	Color	Gray is 56.47% i.e. more than 30%	
2	17/02/23 12:18:57	Color	Gray is 54.95% i.e. more than 30%	
3	17/02/23 12:17:39	Color	Gray is 56.21% i.e. more than 30%	
4	17/02/23 12:17:24	Color	Gray is 54.98% i.e. more than 30%	

Color analysis (Grading mix of coal) in real-time and automated alerts for any deviation from ideal profile for immediate redressal by the plant operators



1-3% reduction in coal consumption through lower unburnt carbon/ Loss in ignition demonstrated in multiple power plants in India



Experience Industrial AI



[hello@ripik.ai](mailto:hello@ripik.ai)



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