



- ❖ The mining comminution process is all about efficient particle size reduction. Maximize your crushing and conveying process by quantifying your fragmentation to improve operation efficiency and increase product ore recovery!
- ❖ Split-Online® is the industry approved standard for automated rock particle size determination that has been installed at more than 140 operations with over 560 camera locations on five continents!



*Split-Online® 5.0 is enhancing the industry's most comprehensive rock fragmentation software for automated particle sizing.*

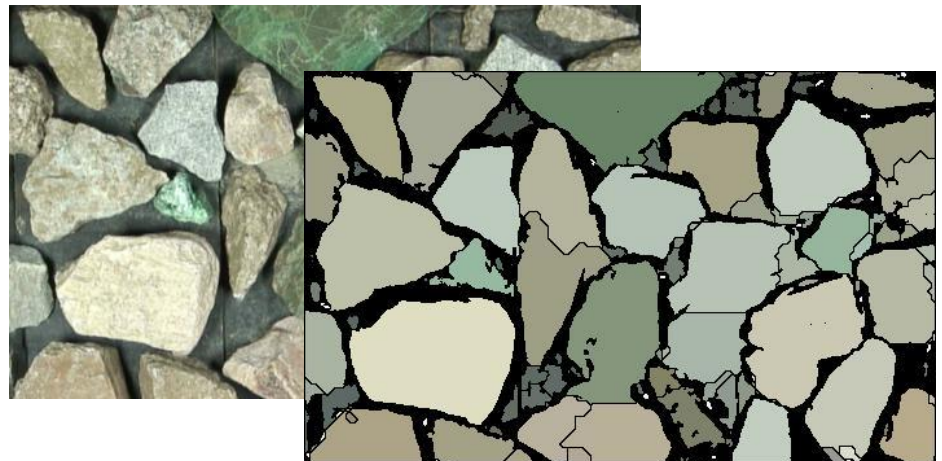
The New Split-Online Dashboard presents particle size results in your web browser for immediate data access and quality control.

- ⊖ Collapse
- 🔄 Last Processed
- 📊 Trend Chart
- 📄 Size Report

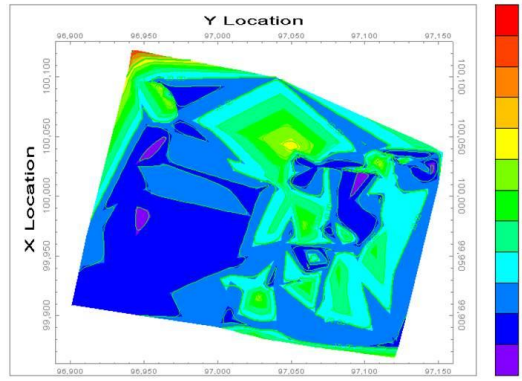
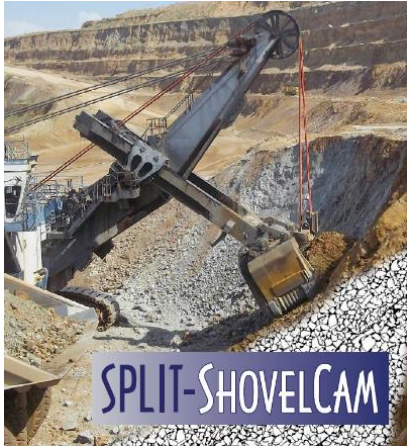
- ❖ Latest Process Page offers XY plot, original image, processed image and data table for the last processed images.
- ❖ Trend Chart Page offers data trend for the last 2 hours plus a recent image taken from the camera.
- ❖ Size Report Page can show historical data on the web page or be exported to Excel for daily reports.

Color and Brightness information measurements provide new opportunities for ore and rock type identification.

- ❖ Split-Online uses three parameters for monitoring particle color and brightness.
- ❖ These parameters present new opportunities to determine characteristics for ore types that can be monitored real-time.
- ❖ Product ore types can be monitored to ensure proper product blend and to minimize potential dilution.

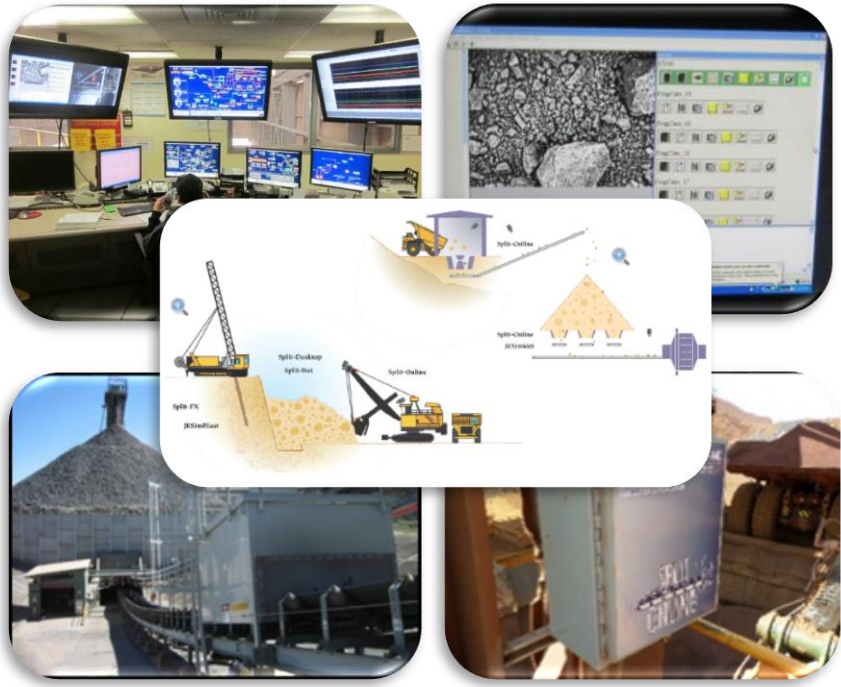


**Split-ShovelCam®** provides automated particle size analysis results of the muck face during dig cycles. Do you know your post-blast ROM (Run of Mine) size?



- ❖ Fragmentation from the post blast product provides blast optimization.
- ❖ Blast designs with different energy factors can be measured to provide the best particle size distribution to feed the plant or leach pad.
- ❖ Improve equipment utilization through improved dig rates, less maintenance, reduced crusher downtime.

**Split-Online® System** operation features add flexibility to system integration.



- ❖ New OPC Client enhances system data communication.
- ❖ Split-Online can be operated as a Windows service.
- ❖ Particle size data can be pulled from Dashboard to present daily summary reports.
- ❖ Split-Online utilizes IP color cameras for rugged mining environments.
- ❖ Superior LED lighting is used that require little maintenance and ensure quality images are acquired.
- ❖ Split Engineering offers the most experienced team for designing and configuring camera systems to meet customer needs.

**Clients Benefitting from Split-Online®:**

Anglo American ♦ AngloGold ♦ ASARCO ♦ Barrick ♦ BHP-Billiton ♦ Boral ♦ Chinalco ♦ Codelco ♦ De Beers ♦ Debswana ♦ Glencore ♦ Goldcorp ♦ Grupo Mexico ♦ Kinross ♦ KGHM ♦ Lundin ♦ MMG ♦ Newcrest ♦ New Gold ♦ Newmont ♦ Peñoles ♦ RandGold ♦ Rio Tinto ♦ Southern Copper ♦ Teck ♦ Vale



[WWW.SPLITENG.COM](http://WWW.SPLITENG.COM)

**Developed and Manufactured By:**  
 Split Engineering, LLC  
 2555 N. Jackrabbit Avenue Tucson, Arizona 85745  
 United States of America  
 Phone: + (520) 327-3773, Fax: + (520) 326-7532

**Latin American Office:**  
 Split Engineering Chile Limitada  
 Calle General Salvo #331, Oficina 201  
 Providencia-Santiago, Chile  
 Phone: + (56) 2-597-8200, Fax: + (56) 2-597-8206

**African Office:**  
 Split Engineering Africa Pty Ltd  
 P. O. Box 1405  
 Northriding, Gauteng, 2162, South Africa  
 Office: +27 (0) 11 794 8666