



MAXAM's Continuous Improvement Programs (CIP) have demonstrated significant benefits to mine operations. MAXAM has partnered with mines all over the world to establish and run such programs over a period of several years. The benefits of such programs have been measurable both in economic terms (reduced costs) and in qualitative terms by making mine operations more efficient, more environmentally friendly, and safer.

APPLICATIONS

✗	Open pit
✗	Civil construction
✗	Underground
✗	Quarry

BENEFITS

Continuous Improvement programs can generate direct and indirect savings in mining, quarrying and civil construction operations.

- ✗ Improve Safety
- ✗ Reduce environmental impacts
- ✗ Measure and track mine cycle performance
- ✗ Detect opportunities of improvement
- ✗ Use energy efficiently
- ✗ Reduce costs

Some recent initiatives:

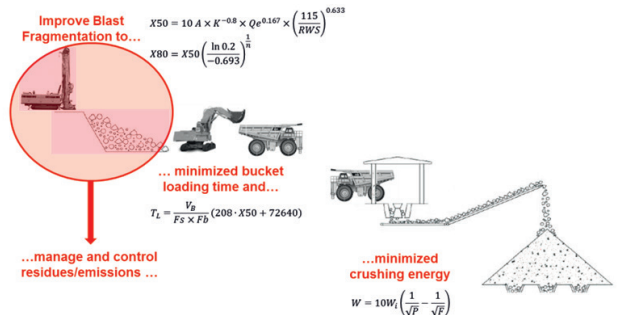
- ✗ Reduced emissions
- ✗ Reduced vibrations
- ✗ Reduced drilling
- ✗ Increased crusher output
- ✗ Improved shovel productivity
- ✗ Reduced powder factor
- ✗ Increased equipment availability

EQUIPMENT

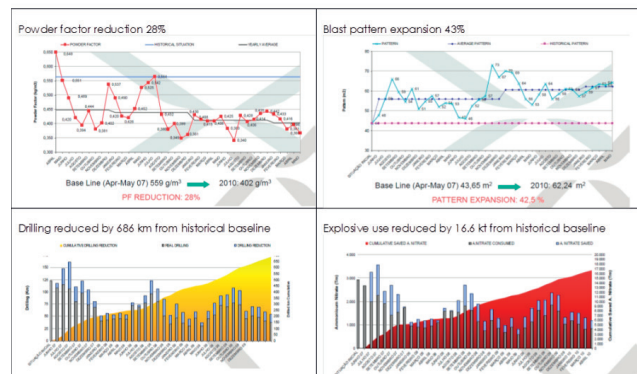
MAXAM's experienced engineers use state-of-the-art technologies, tools and MAXAM's global expert network to design and implement Continuous Improvement programs anywhere in the world, all in partnership with customers.

During CIPs, most of the available Measurement and Control equipment is used to recover actual data during blasting operations.

The Mine cycle

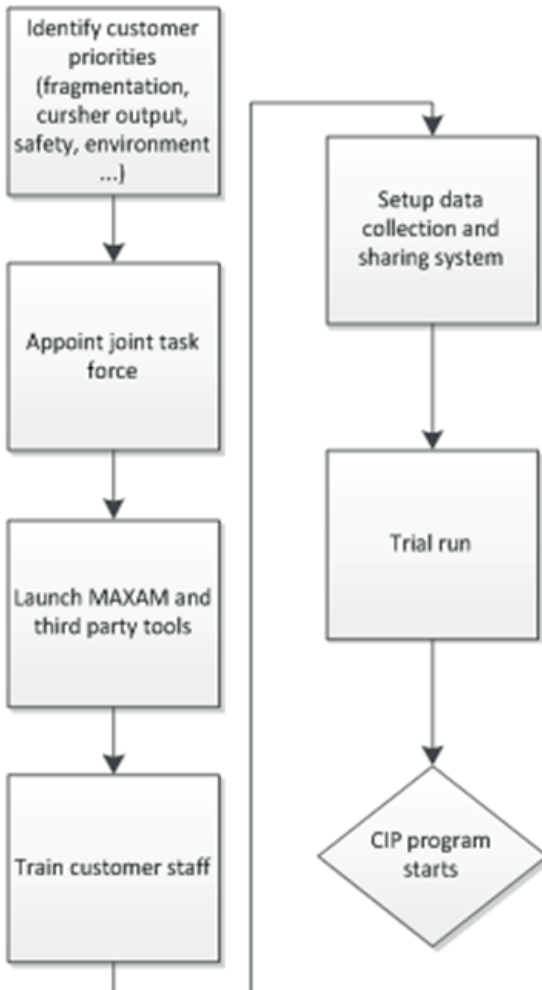


CIP programs can achieve significant improvements in mine performance.

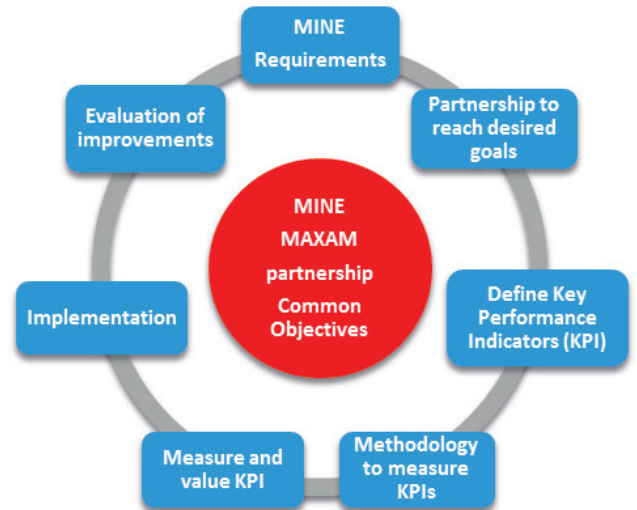


METHODOLOGY

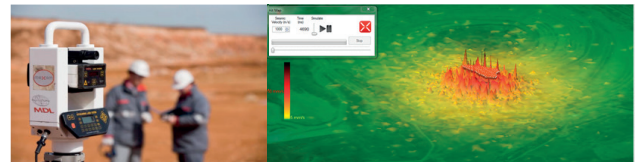
A standard procedure is used to perform CIPs, that it is adapted to each customer requirements.



Explore how MAXAM Blasting Solutions can help you adding value to the mine cycle by improving safety, reducing environmental impact, reducing cost and increasing knowledge of the operation.



MAXAM's expertise seamlessly integrates field measurements with state-of-art software and analysis tools for the CIP program



MAXAM's technicians work with customer staff to define, measure and improve all components of the mine cycle



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