



EXPECT RESULTS

CIP

Continuous Improvement Projects

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Driving Operational Improvement

Partnering for Success

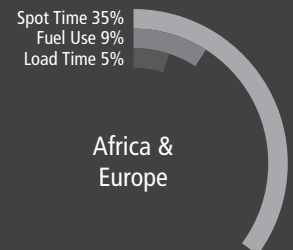
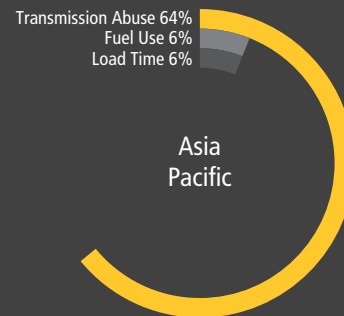
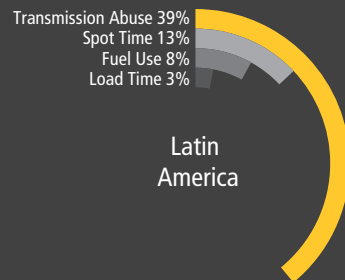
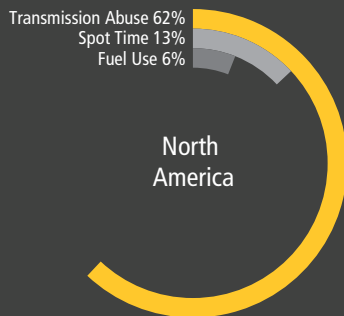
Through close communications and a collaborative effort with mine site management, Immersive Technologies helps define mine business improvement and strategic objectives through a data driven approach including the customers mine and equipment monitoring data.

A targeted training program is developed to reduce a mine site's current cost and operational risks, leaving the mine site with a template and expertise for future Continuous Improvement Projects.

CONTINUOUS IMPROVEMENT PROJECTS

Quantifiable Operator Based Operational Improvement

OVERALL IMPROVEMENT PER OPERATIONAL OBJECTIVE



BUSINESS IMPROVEMENT THROUGH CONTINUOUS IMPROVEMENT PROJECTS

ASSESSMENT of site and simulator data allows identification of project scope & objectives, operational risks & improvement targets.

SPECIFIC & STRATEGIC programs are developed to address safety, cost and production opportunities.

IMPROVES team communication to accomplish aggressive operational objectives and milestones.

REDUCES the mine's risk profile, improves efficiencies & increases operator's competencies at a much quicker rate.

DEVELOPS reporting protocols to provide visibility and share improvements being made across the entire organization.

PROVIDES accurate performance measurement & risk monitoring methodologies enabling accelerated ROI of equipment and services purchased.

CONTINUOUS IMPROVEMENT PROJECT OUTCOMES

Continuous Improvement Projects utilize mine site data to determine targeted objectives. Measurable outcomes will be presented via both in-field as well as simulation data.

- The data evaluation method presented in CIP can be used to identify additional business & operational improvement opportunities.
- Provides immediate recognition of return on investment through effective implementation of measurement & workforce development techniques.



CURRICULUM DEVELOPMENT TO INCLUDE:

- Project flowchart & timeline
- Training flowchart & timeline
- Adult learning methodology activities
- Comprehensive training plan
- Complete targeted scenario details
- Complete measurement scenario details

REPORTING DERIVED FROM PROJECT:

- Initial in-field baseline performance report
- Mid project results
- Final project report utilizing both simulation & in-field data
- Recommended period for reassessment & review

DATA SOURCES USED TO VALIDATE TRAINING:

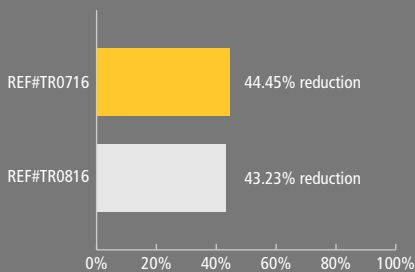
- Machine event recorders
- Dispatch data systems
- Simulation operator data
- Maintenance records



REAL WORLD CONTINUOUS IMPROVEMENT RESULTS

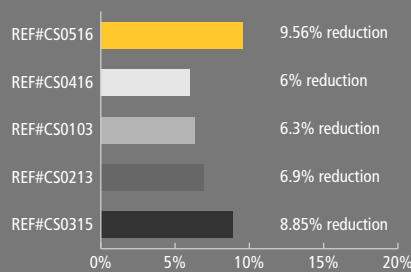
Green Operator Training

Training time reduction - baseline vs. post simulator introduction



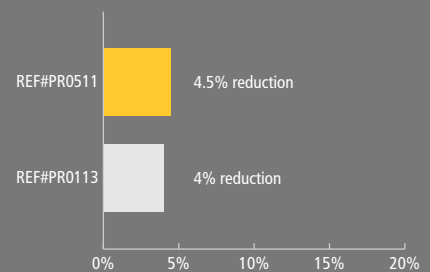
Fuel Consumption

Fuel usage reduction - baseline vs. post targeted training



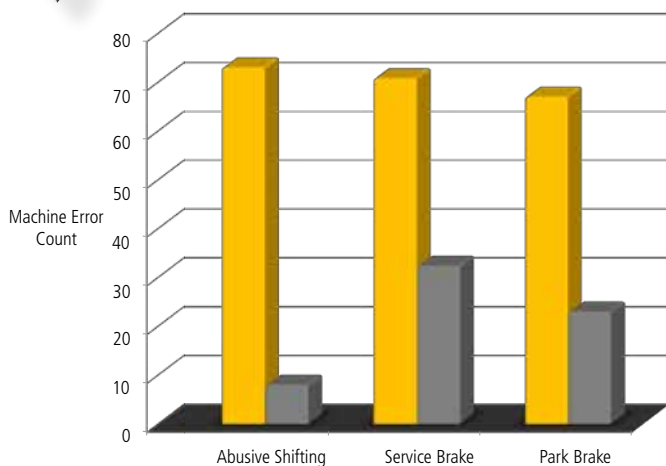
Cycle Time

Cycle time reduction - baseline vs. post targeted training



REAL IN-FIELD DATA

■ Baseline
■ Retention



CONTINUOUS IMPROVEMENT METHODOLOGY

- Focuses on strategic training objectives providing measurable outcomes determined via in-field data.
- Reduces maintenance costs, improves equipment availability, improves productivity and makes your operations safer by reducing overall operational risk.

AFRICA

JOHANNESBURG, SOUTH AFRICA

Tel: +27 11 973 7900

Support Hotline: +27 11 973 7939

SalesAF@ImmersiveTechnologies.com

ASIA

JAKARTA, INDONESIA

Tel: +62 21 2793 8535

Support Hotline: +62 21 2793 8266

SalesID@ImmersiveTechnologies.com

KOLKATA, INDIA

Tel: +91 (33) 2466 0248 / 0449

Support Hotline: +62 21 2793 8266

SalesIN@ImmersiveTechnologies.com

ASIA

PERTH, WESTERN AUSTRALIA
(Global Head Office)

Tel: +61 8 9347 9000

Support Hotline: +61 8 9347 9099

Sales@ImmersiveTechnologies.com

BRISBANE, QUEENSLAND

Tel: +61 7 3842 3600

Support Hotline: +61 8 9347 9099

Sales@ImmersiveTechnologies.com

EUROPE

BOCHUM, GERMANY

Tel: +49 151 4251 3297

Support Hotline: +27 11 973 7939

SalesEU@ImmersiveTechnologies.com

MOSCOW, RUSSIA

Tel: +7 903 790 0961

Support Hotline: +27 11 973 7939

SalesRU@ImmersiveTechnologies.com

LATIN AMERICA

SANTIAGO, CHILE

Tel: +56 2 2246 8800

Support Hotline: +56 2 2246 8804

SalesLA@ImmersiveTechnologies.com

LIMA, PERU

Support Hotline: +56 2 2246 8804

SalesLA@ImmersiveTechnologies.com

BELO HORIZONTE, BRAZIL

Tel: +55 31 3019 0129

Support Hotline: +56 2 2246 8804

SalesLA@ImmersiveTechnologies.com

NORTH AMERICA

SALT LAKE CITY, UTAH

Tel: +1 801 748 0844

Support Hotline: +1 801 727 0766

SalesUSA@ImmersiveTechnologies.com

FORT MCMURRAY, ALBERTA, CANADA

Tel: +1 801 727 0736

Support Hotline: +1 801 727 0766

SalesCA@ImmersiveTechnologies.com

OTTAWA, ONTARIO, CANADA

Tel: +1 801 727 0736

Support Hotline: +1 801 727 0766

SalesCA@ImmersiveTechnologies.com

VANCOUVER, BRITISH COLUMBIA, CANADA

Tel: +1 778 989 0992

Support Hotline: +1 801 727 0766

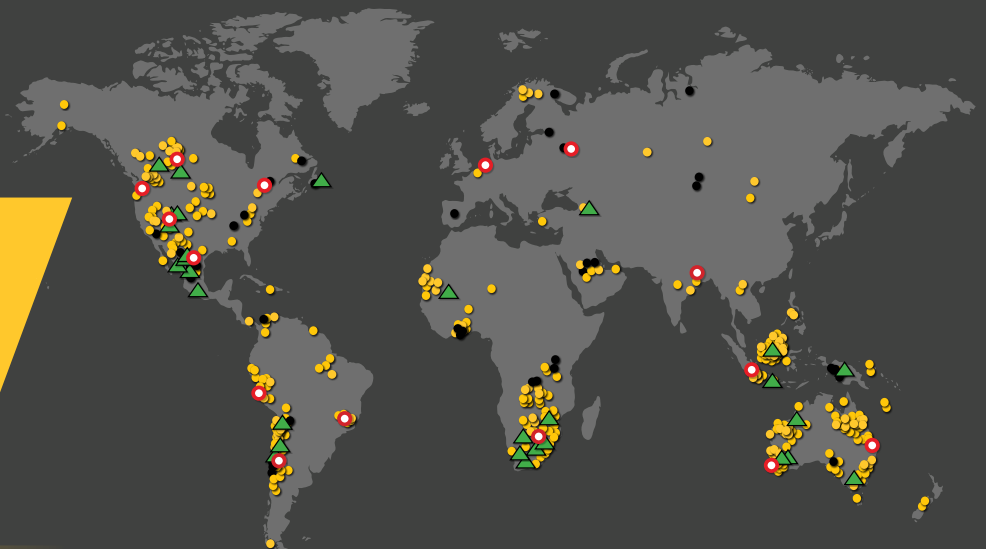
SalesCA@ImmersiveTechnologies.com

MONTERREY, MEXICO

Tel: +52 1(81) 8625 6823

Support Hotline: +1 801 727 0766

SalesUSA@ImmersiveTechnologies.com



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