



PIRS (PLANT INFRARED SYSTEM)

REAL-TIME READINGS OF ASPHALT MIX TEMPERATURES

ENSURE TOP MIX QUALITY AND PROFITABILITY

Manufacturing hot or warm mix asphalt requires maintaining consistent temperatures. The PIRS system from MOBA replaces outdated methods of collecting mix temperatures and provides real-time digital data that empowers plant owners to be more efficient with operations, fuel usage, and profitability

BENEFITS

- PREVENT HOT OR COLD LOAD REJECTIONS AT PROJECT SITE
- IMPROVED CONSISTENCY IN PRODUCTION QC TESTING
- AID IN PWL SPEC COMPLIANCE
- MAXIMIZE FEDERAL AND STATE INCENTIVES
- REDUCED THERMAL SEGREGATION
- IMPROVED CONSISTENCY IN ROADWAY COMPACTION
- IMPROVED RIDE QUALITY
- IMPROVED PAVEMENT LIFE
- REDUCING EMISSIONS THROUGH EFFICIENCY
- REDUCE FUEL COSTS & IMPROVE PROFITABILITY



"The Future is Now!"

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PIRS presents a real-time display of mix temperatures with an indication of exceeding temperature threshold limits with infrared readings. This eliminates paper recordings and reduces maintenance on thermal probes that can deteriorate with buildup and damage.

From single plants to multiple, plant owners and operators can utilize remote access to review production temperatures allowing oversight from virtually any location.

Users can also log into their moba.paveir.com account to access the Pave Project Manager platform to review current or past production details, see a visual representation of performance throughout the production day, and generate reports.



MOBA-AUTOMATION.COM FOR MORE INFORMATION

IN-DEPTH REPORTING

Report contents include:

- Production information entered by the operator
- Target and tolerance temps
- Actual temperature analytics such as: percent within range from target, min/max, average temp, standard deviation, and a list of each out-of-limits occurrence

