



MathIT is Australia's most experienced OSIsoft® PI System® integrator

MathIT ReplayZ

Replay historical PI data on your dev/test System like it was happening in real time

MathIT ReplayZ is the essential tool for any development team using real-time data for live analytic and performance optimisation.

It can be configured in less than 10 minutes and can be supported by your local PI administrator without having to learn a new skill set. It is that much like a native PI Interface.

“We can use ReplayZ to generate testing data at 100x the original speed. This proved invaluable to generate data a 20ms rate to develop FFT analysis for our production PI system®”

Chris Singfield, Contractor

MathIT ReplayZ can be configured to accurately replicate (to the millisecond) the original data into another PI Point or to allow weeks of data to be replayed in matters of minutes by increasing the original speed up to a maximum speed of ~10ms. This allow you to perform regression testing on existing PI Analytic to assess the impact of any logic changes in the nick of time.

“ReplayZ allow us to do our regression testing based on previous experiences with our process control data and events, just like it was re-happening right now in front of our eyes.”

Ken Dixson, PI Project Manager

MathIT ReplayZ is installed like any other PI Interface and will use configured PI points associated to its Point Source and interface ID to replicate historical data from a source PI system to a destination PI System just like it was being collected from any other OPC DA, RDBMS, Modbus or other real-time data system. It can also be run as an interactive window or as a Windows service, just like most original PI Interface.

“I am proud to provide such a valuable tool to the PI community. Developing and testing PI Solutions has never been so easy since we created ReplayZ for our development effort.”

Martin.Thivierge, MathIT

If you'd like to know more about ReplayZ, or any of the other products available in the MathIT Z Suite, please contact us at martin.thivierge@mathit.com.au