Seventh Annual QUIKLOOK Users Group Meeting
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QUIKLOOK II
SOFTWARE
New Program Features

Software Engineer
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 QUIKLOOK II Software

● Version 2012.061
  – Released March 2012.

● Version 2013.213
  – Released August 2013.
Software Error Notices

• Version 2012.62
  – Error Notice 2012.62-1
    • On a QUIKLOOK acquisition computer if the system is shutdown improperly an offset may be introduced in the analog output channels. The 4-20/10-50 ma current values recorded will be correct but may be slightly different from what was requested.
    • This problem has only occurred on QLII Suitcases running Windows XP
    • This offset may reset if the computer is left unplugged for five minutes. Under some instances the offset may not disappear even if left unplugged for a period of time
Software Error Notices

- Error Notice 2012.62-1
  - Workaround:
    - Install the “Quiklook KUSB Patch”. This patch will install a small program that will run on startup that will ensure that the offset is reset properly before Quiklook starts
  - Notes:
    - If while in the Monitor screen the current or voltage reading for the control signal channel differs from the requested value by more than 1% than you may have this issue
    - It is recommended that all Quiklook systems that are used for AOV testing have this patch installed
    - This has been fixed in Quiklook 2013
Software Error Notices

- Version 2012.62
  - Error Notice 2012.62-2
    - Quiklook software contains a bug that causes an offset to occur on channels with low level inputs. This bug is related to the AutoZero function on Quiklook II/+ systems built with Keithley data acquisition cards.
    - The magnitude of the error, when it occurs, is observed to be up to approximately 1% of range.
    - This error has no impact on data validity due to normal trace zeroing methods, its overall magnitude, and a number of other mitigating factors.
Software Error Notices

- Error Notice 2012.62-2
  - Workaround:
    - Data collected is not impacted. There is no need for a workaround.
    - This bug has been resolved with the release of Quiklook 2013
  - Notes:
    - This error only occurs on Keithley Quiklook systems. It occurs with all versions of Quiklook software prior to Quiklook 2013
NEW FEATURES 2013

- Configuration
  - Edit Sensor Database from Configuration Screen
NEW FEATURES 2013

- Configuration
  - Calculate Rotary Sensitivity – Available for MOV & AOV
  - Remembers String Pot Sensitivity
NEW FEATURES 2013

- AOV Multiple Waveforms
NEW FEATURES 2013
NEW FEATURES 2013

- Configuration / Analysis
  - Add I/P Action
NEW FEATURES 2013
NEW FEATURES 2013

● Analysis
  – Mechanical Properties –
    • Double Acting Valves
    • Add line to show Negative Regulator Pressure
NEW FEATURES 2013
NEW FEATURES 2013

- Analysis
  - Time Plot Icon should return to previous configured time plot
NEW FEATURES 2013

• Acquisition – Monitor Screen
  – Warning if pressure channels are zeroed with a large offset.
  – Disable zero for I/P Input Channel
NEW FEATURES 2013

- Acquisition
  - Increase capability of E/I board to drive digital positioners.
NEW FEATURES 2013

- **Test Menu**
  - Combine test
    - Combine two tests @ marker
    - Combine two tests end to end
    - Split test into two tests
    - Crop a test saving only data between two markers

  - In each case a new test file will be created leaving the original tests intact.
NEW FEATURES 2013

- Replay
  - Plot between markers
NEW FEATURES 2013

- Analysis
  - Automark MOV traces
Thank you

USER FEEDBACK?