

# Contact us for a copy of this presentation

## Stephen J. Benner, President

Confluence, [www.confluence.com](http://www.confluence.com),

Email, [sjbenner@confluence.com](mailto:sjbenner@confluence.com)

Phone, 215-530-6461

## Christopher C. Choffat, CTO

IFS Services, [www.ifs-az.com](http://www.ifs-az.com)

Email, [chris.choffat@ifs-az.com](mailto:chris.choffat@ifs-az.com)

Phone, 602-751-2070



# Let us help you see what your missing

- No obligation service offering for AMAT CMP tools
- Capture Slip Stream & characterize variation
  - QUANTIFY polishing slip stream variation (pad, slurry, abrasive)
    - Simple bolt on pad surface conditioning arm
    - Installs in <2 hours
    - PSM functions can be turned off and system operates as conventional pad conditioner
  - **Demonstrate Controlled Residence Time CMP process**
    - Reduce detritus volume fraction
      - >>50% defect reduction
    - 30%-50% consumable savings
- Identify conventional improvement opportunities

