

# CPFD® Technology

## Why do you need it?

- CPFD technology has enabled engineering-grade simulation of production CPI units
  - risers, dense-bed reactors, cyclones, regenerators, standpipes, cokers, combustors
- Visualize and understand complex fluid-particle behavior in your unit operation
- Improve your product yields
- Optimize process conditions
- Minimize plant shutdowns
- Design basis change support
- Reduce component wear
- Safety quantification
- Invent/patent new technology
- Engineering projects available

