



# aspenONE<sup>®</sup> Engineering

## Integrated Solution for Exploration & Production

### Business Challenge—Gas Oil Separation Plant

A GOSP owner operator is challenged with reducing time to design, increasing production, maintaining safety, and controlling cost.

During design, engineering must be able to:

- Evaluate design options efficiently and select the best one
- Collaborate between disciplines, contractors, and partners
- Ensure smooth transition from design through operations

Once designed and built, the plant must operate safely and comply with environmental standards while still achieving production targets. Owners need:

- Visibility and understanding of performance
- Better control of the process

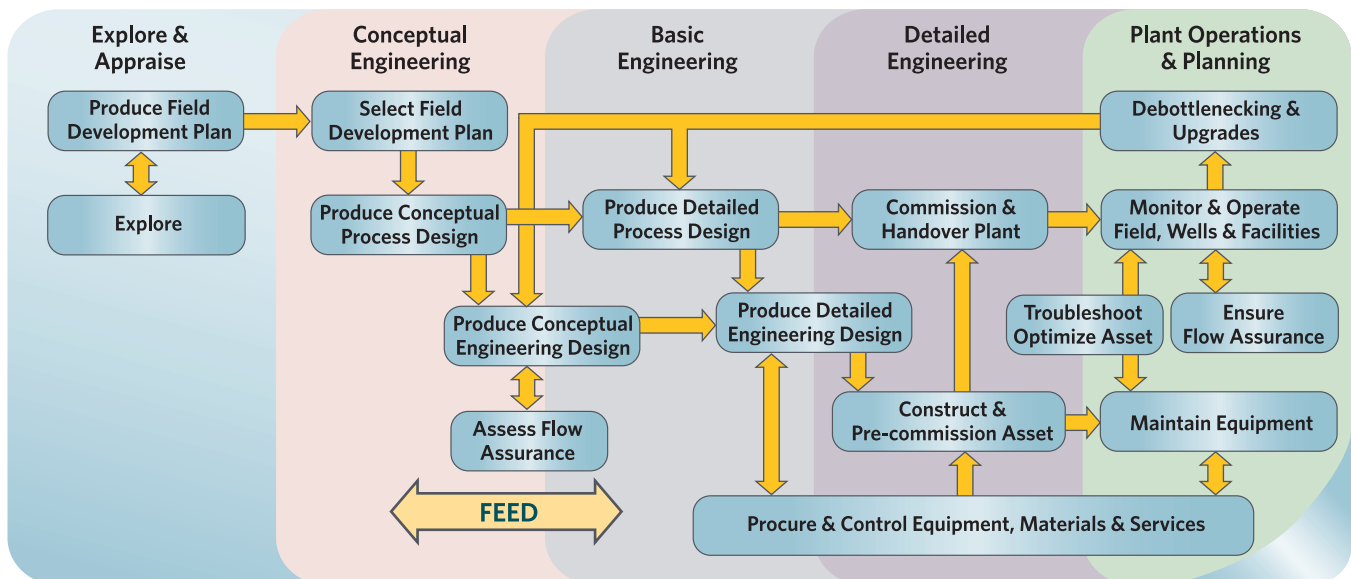
An integrated approach addresses these E&P business challenges and can be applied to other facilities including NGL processing, LNG, and others.

### Solution

#### aspenONE Provides One Integrated Environment

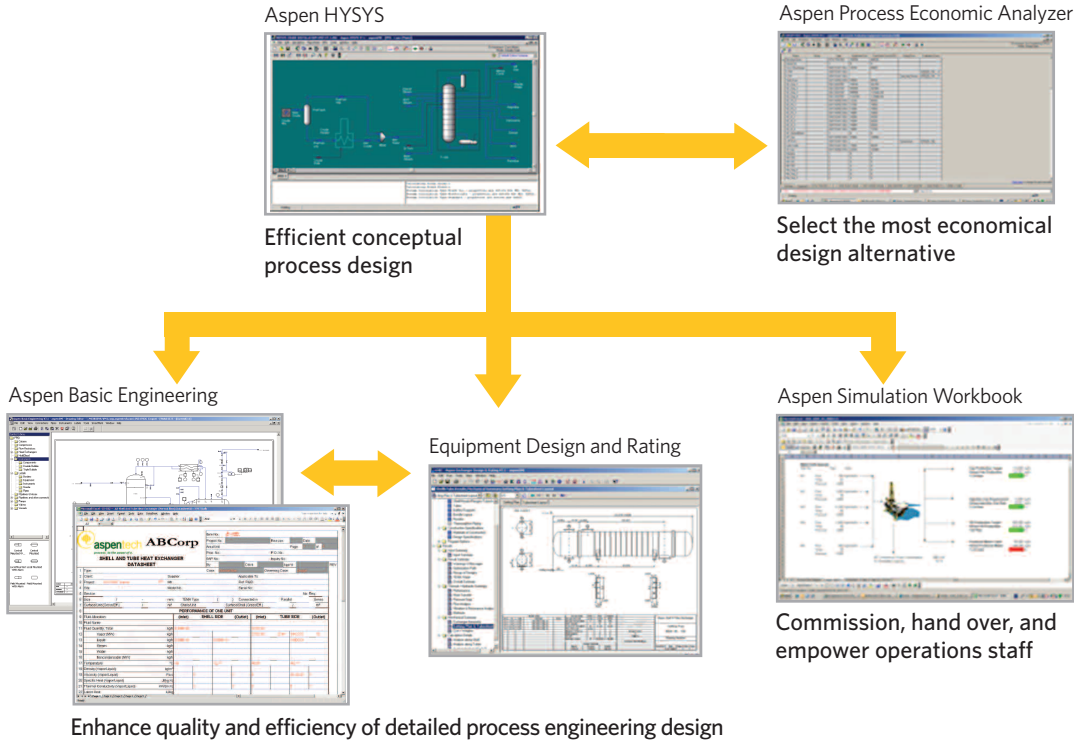
### Benefits

- **More Efficient Engineering Design**
  - Screen multiple conceptual designs quickly; select the most economic design alternative
  - Reduce conceptual engineering design time up to 30%
  - Reduce time to “first oil” (e.g., \$40 oil for 10M b/d for 1 month = \$12M)
- **Enhanced Support for Operations**
  - Improve understanding and decision making of asset operations
  - Increase reliability by reducing plant upsets and trips—up to 20% cost reduction
  - Optimize recovery and production rates— as much as 7%
  - Respond to field changes effectively over life of asset

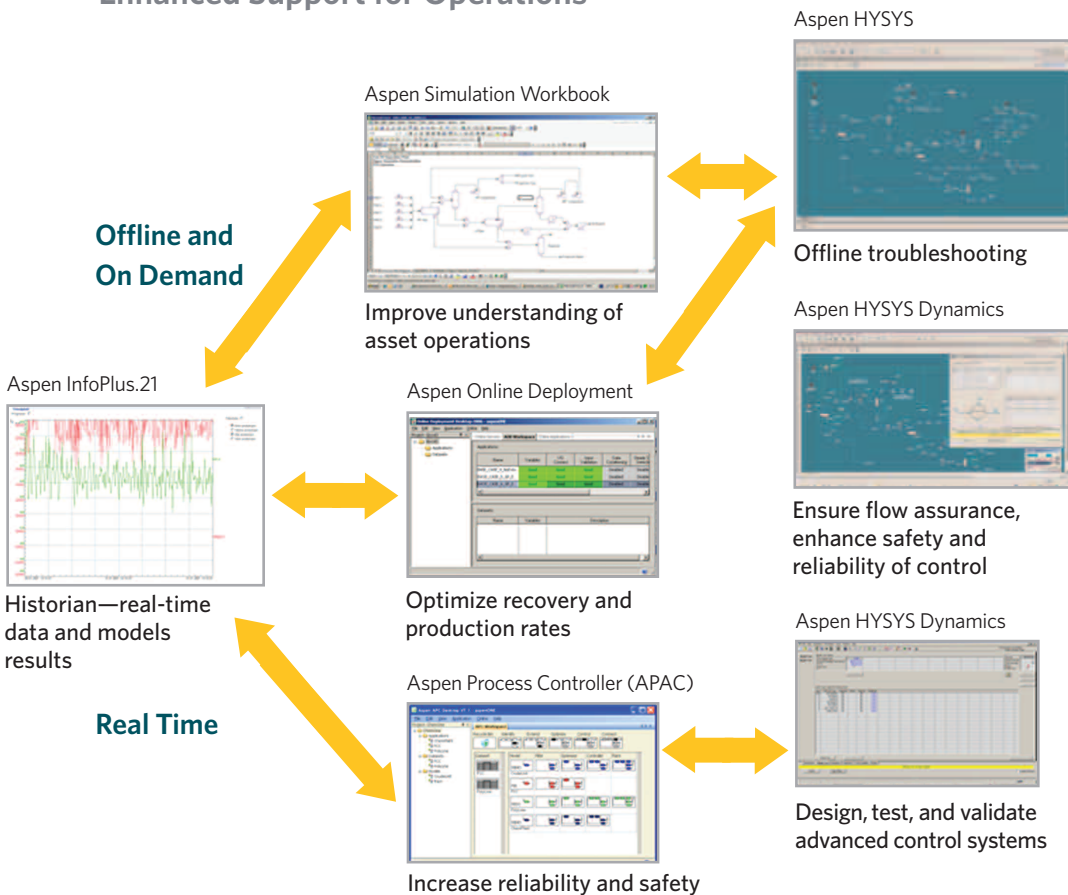


# E&P - Integrated Development Workflow

## More Efficient Engineering Design (Reduce Time to First Oil)



## Enhanced Support for Operations



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