



Boosting Production Margins by Optimizing Separation

maximizing margin and increasing reliability

through mitigation of **phase separation constraints**



Our business is

supporting Oil &
Gas Operators

Optimize &
Digitalize their
processes

Through MySep
software

and MySep
supporting
services



Why can't facilities produce more ?

- Facilities are constrained
- Impacting production & **revenue**
- For production **Separation** is the key process



Key Process is Separation



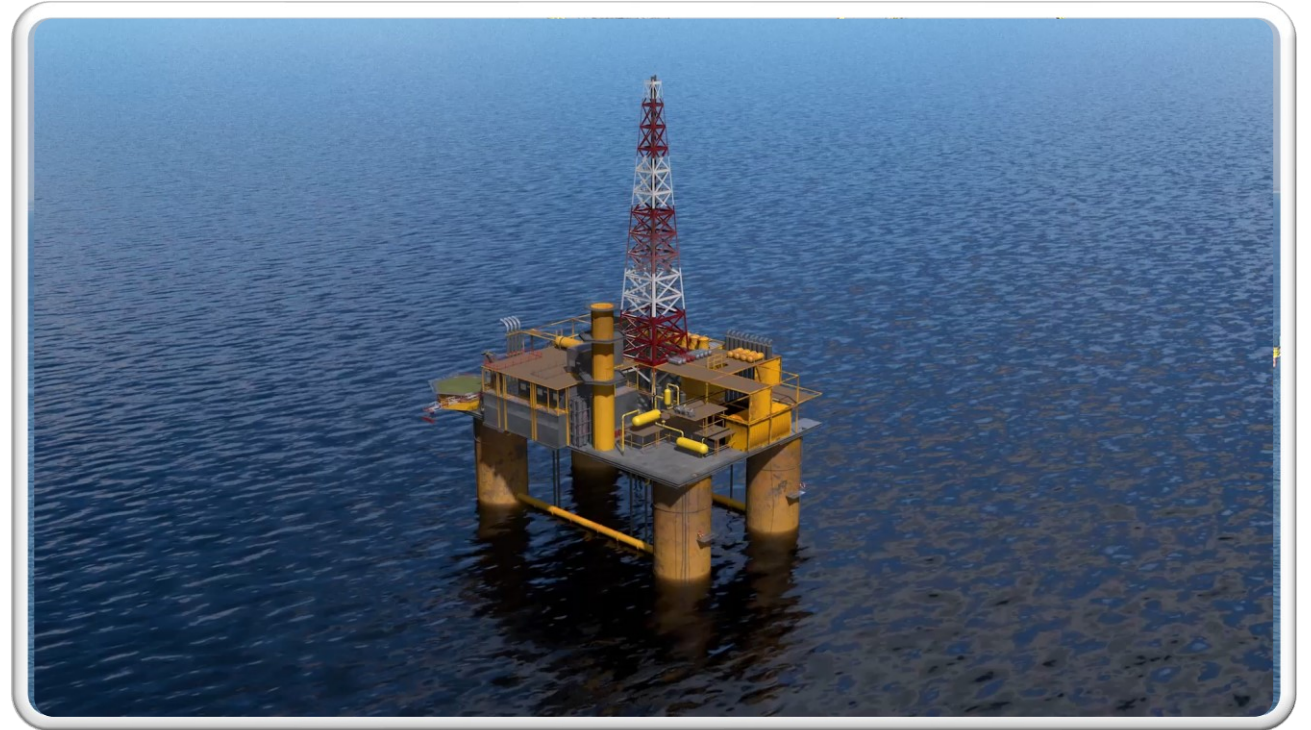
- Separation & production
- On a mid-scale FPSO



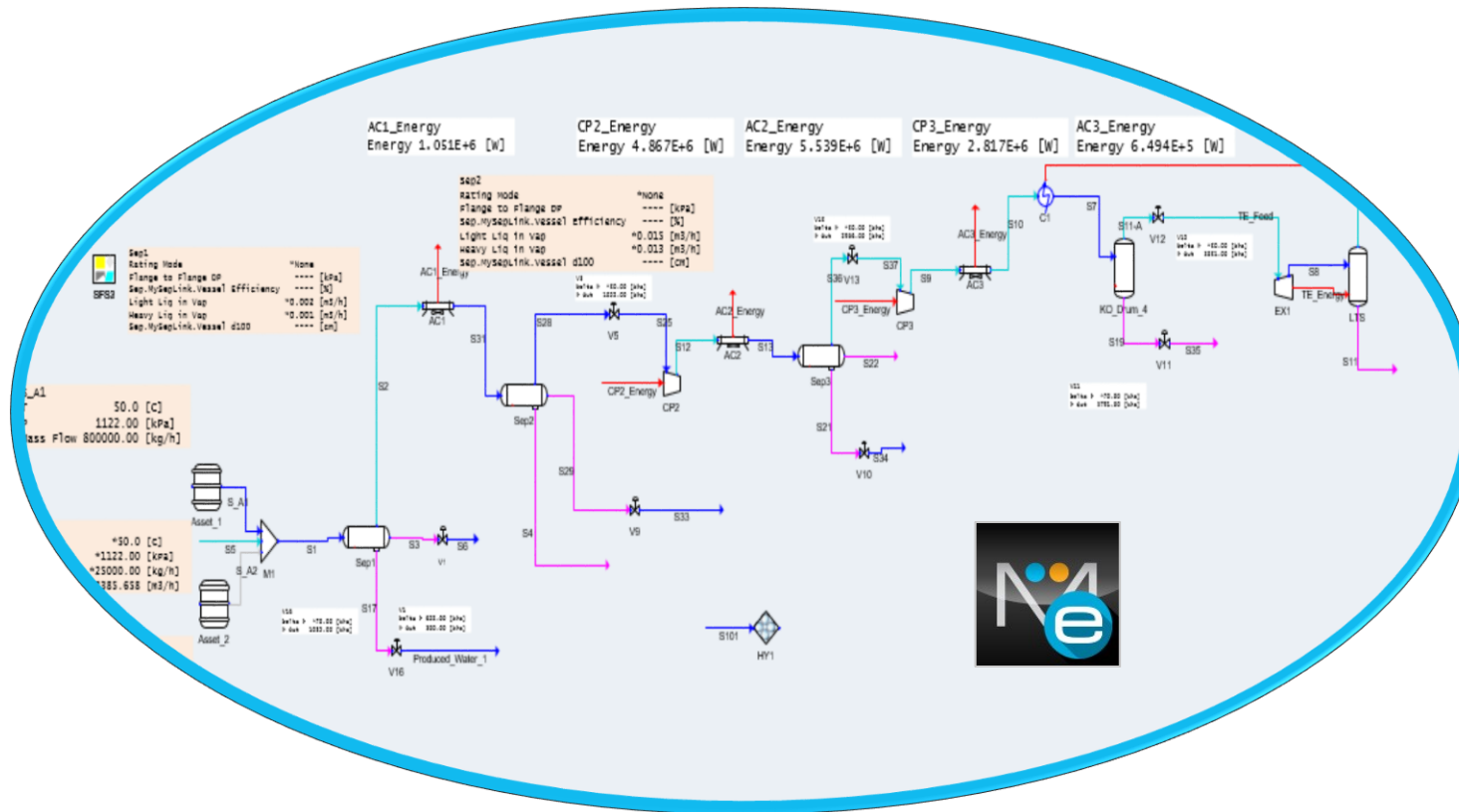
Key Process is Separation



- Separation & production
- On a mid-scale FPSO
- On a production platform



How can we optimize ?

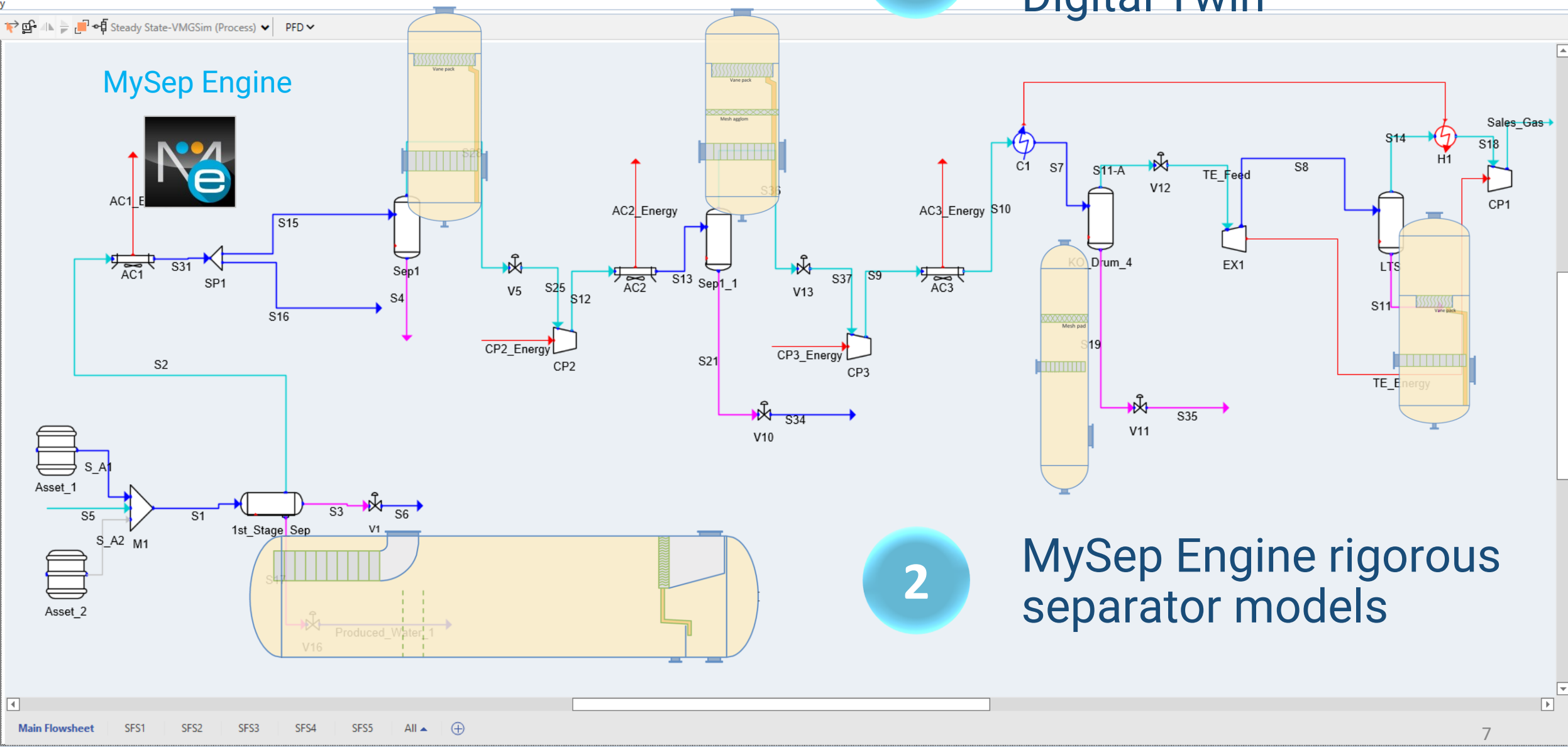


Symmetry

1. Develop a digital twin
2. Add MySep Engine modelling
3. Evaluate current operation
4. Explore up-grading potential

1

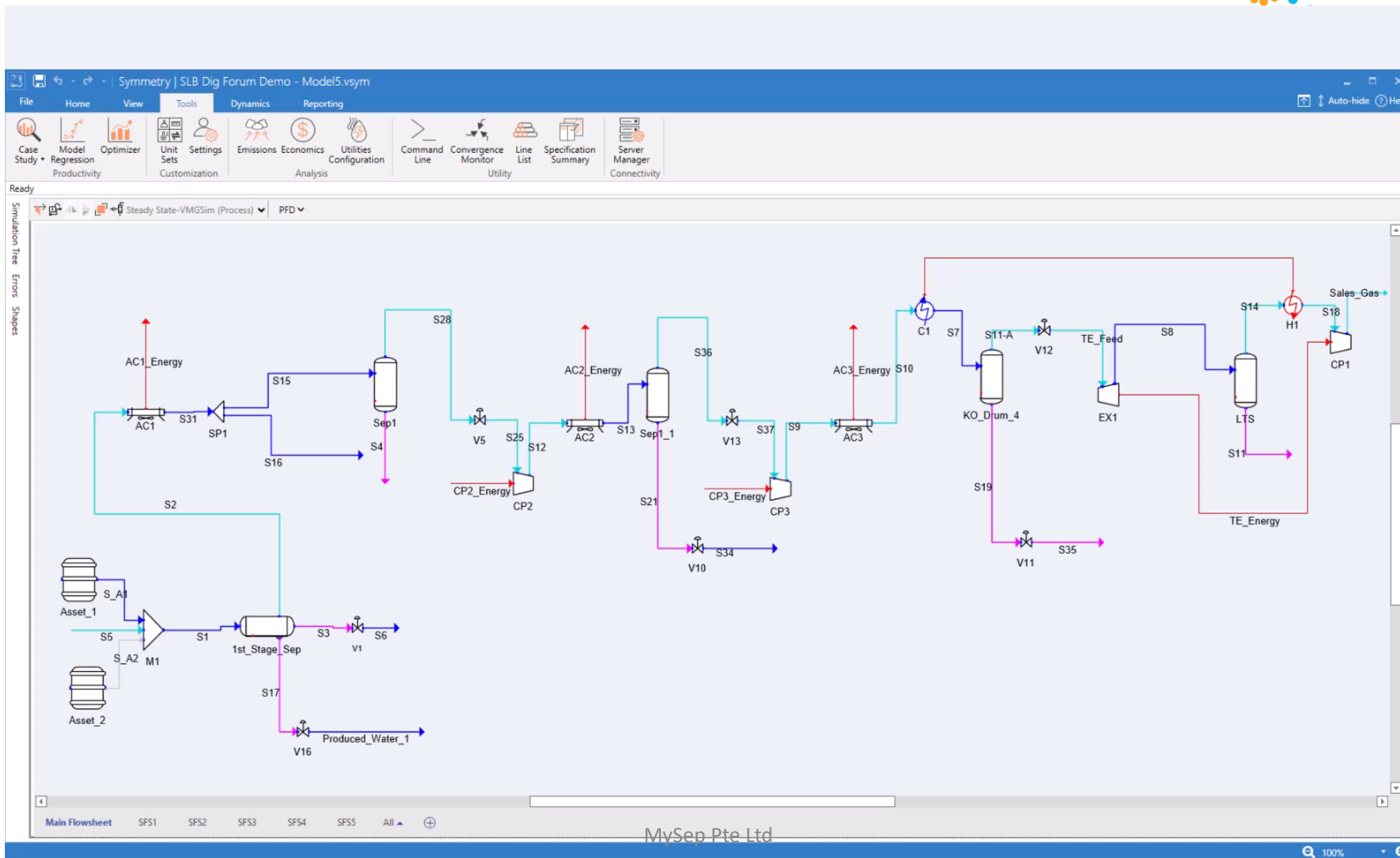
Schlumberger Symmetry Digital Twin

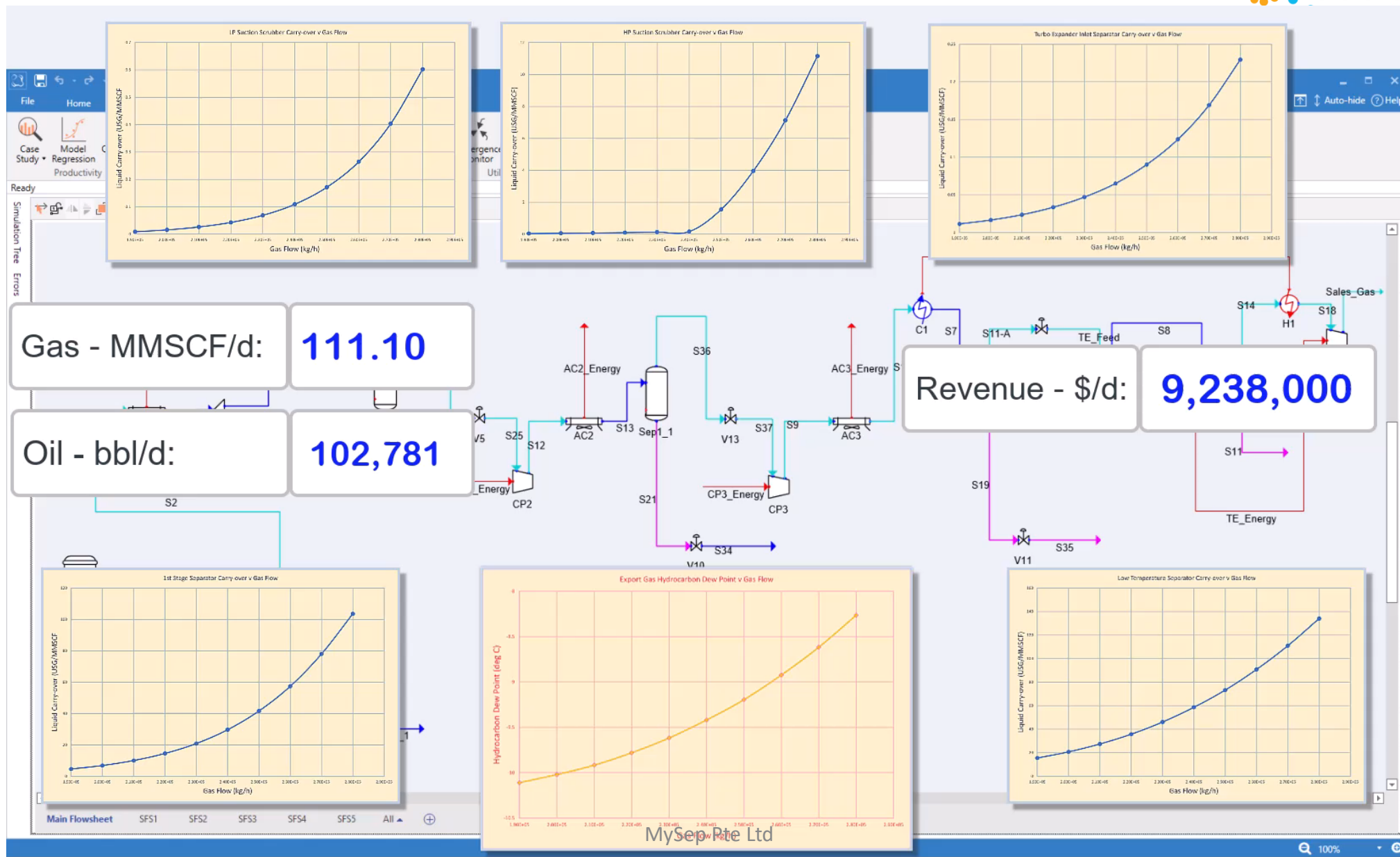


2

MySep Engine rigorous separator models

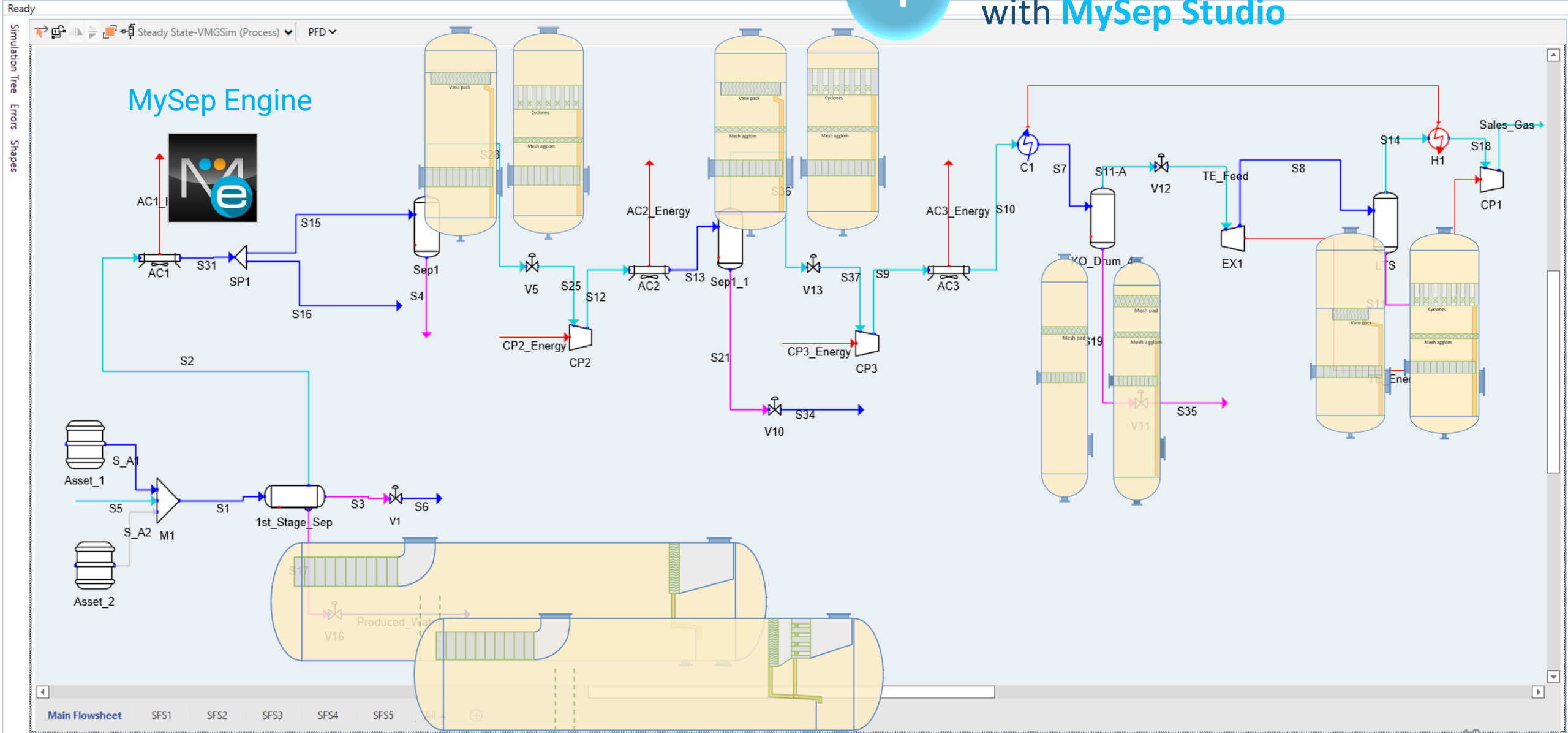
Evaluate Current Operation





4

Optimize separator configurations with MySep Studio



Summary of Digital Twin Result



Increased Annual Revenue \approx \$325 MM

Before

Oil: 74,000 bbl/day

Gas: 79 MMSCF/day

Revenue \approx \$6.5 MM/day

After

Oil: 82,000 bbl/day

Gas: 88 MMSCF/day

Revenue \approx \$7.4 MM/day

MySep Business



***Boost facility revenue and margin by
> \$100 millions per annum***

50 +
Customer
Companies

8 of top 10
International
Operators

5 of top 10
International
EPCs

- The industry standard software for 2-phase and 3-phase separators
- Fully integrated with [Schlumberger Symmetry](#) Digital Twins
- Detailed analysis of existing unit performance
- Greenfield design & retrofit up-grade for more throughput
- Supporting Services for client [Margin Optimization](#)

Thank you for Joining !



www.mysep.com