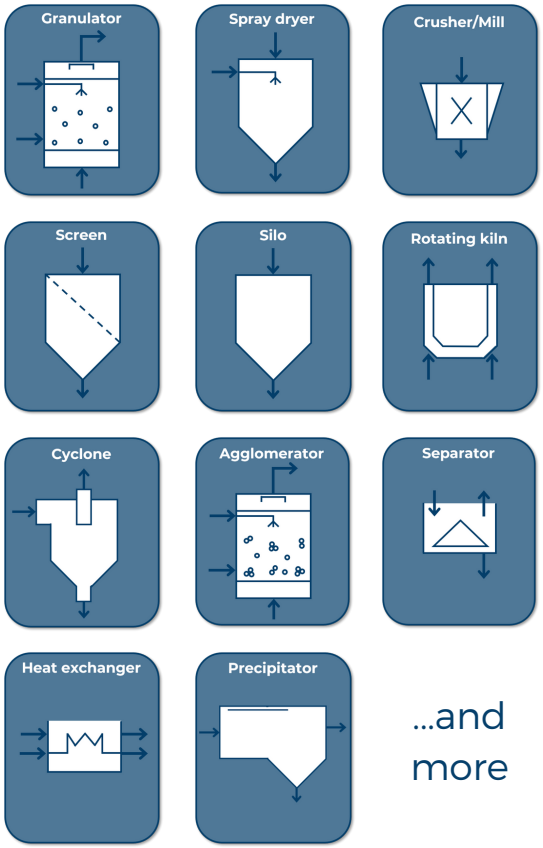
Implemented Processes



...and more

Dyssol

Dynamic Flowsheet Simulation of Solids Processes

> *Dyssol is an attractive tool for our solids production processes to gain a* ***deeper understanding and to push our operations to their limits.*** *With DyssolTEC, we have found a strong partner for future cooperation!*

Prof. Dr. Frank Kleine Jäger
Vice President Solids Formulation and Handling, BASF

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www.dyssoltec.com

Software support and consulting by

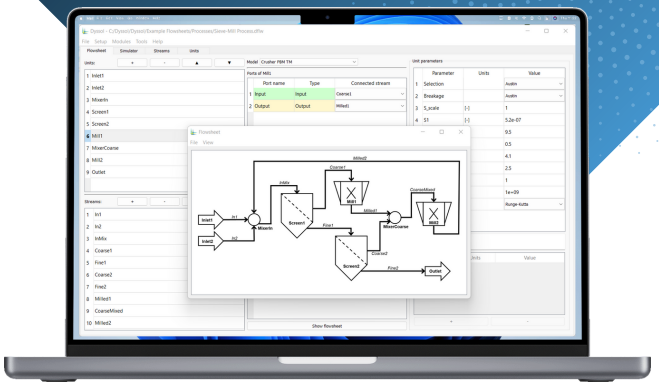
DyssolTEC

Process Modelling Experts

DyssolTEC

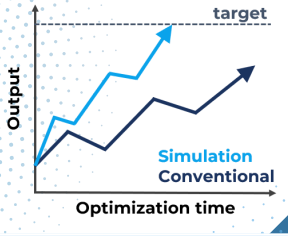
Dyssol

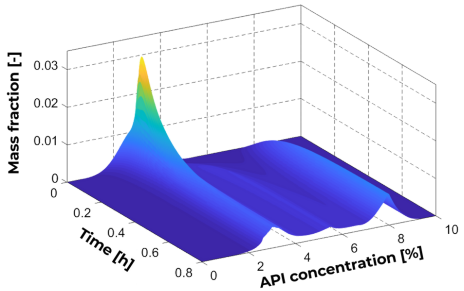
Process optimization
- Find suitable process parameters
- Reach required product quality without interrupting your running processes



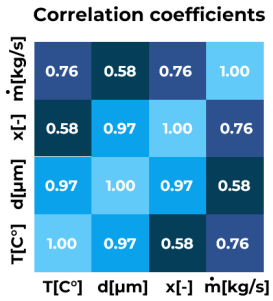
Simulation of dynamic and steady-state processes:
- Investigation of process stability
- Start-up and shut-down behaviour
- Batch and semi-batch processes

Push your process to the limit!

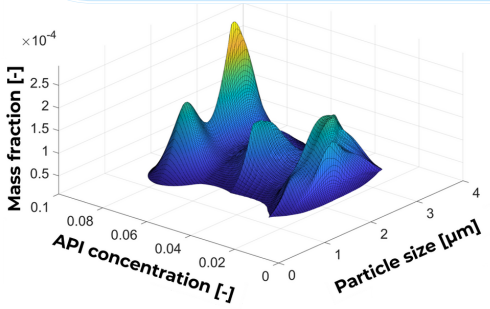




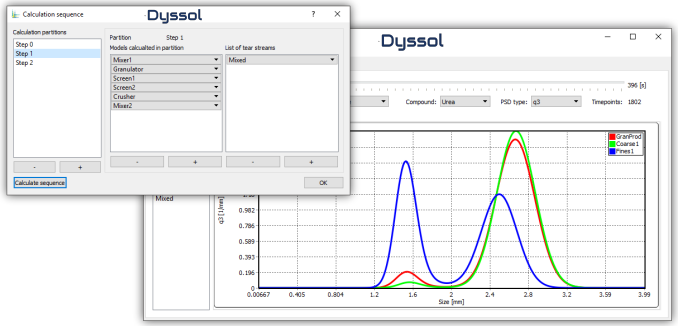
Sensitivity analysis
- Understand relationship between process parameters and product quality
- Test robustness of your process
- Define a suitable parameter window



Multidimensional interdependent distributed properties:
- Particle size & shape
- Product composition
- Moisture content, ...



Graphical user interface
- Build your flowsheet
- Visualize and analyze results
- Export data for in-depth analysis



Our Service

Software & Support
We provide comprehensive service around Dyssol including its deployment, maintenance, customization and extension

Custom Models
We support you in the design and implementatin of new tailored models or develop them for you

Consulting & Training
We provide on-site and online workshops and trainings and can customize them to suit your specific needs

Customers & Partners

BASF We create chemistry
SPE INSTITUTE OF SOLIDS PROCESS ENGINEERING & PARTICLE TECHNOLOGY TUHH
iPAT Institut für Partikeltechnik
EVONIK Leading Beyond Chemistry
WACKER
TUHH

Set up your process with Dyssol!
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- Process optimization
- Cost, engery and price data
- Integration of inhouse models and software

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