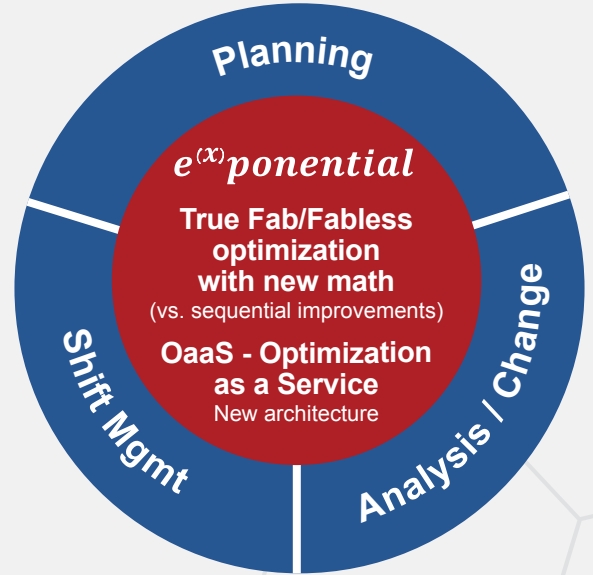


### Liola technologies

Liola developed a technology, products and business model breakthrough that enables semiconductor and electronics manufacturing plants (FABs, Fabless, Assembly) to optimize their production plans and achieve dramatically increased plant throughput.

Liola's *Exponential* product is based on a *breakthrough in optimization algorithms* that combine a new mathematical approach with deep domain knowledge and specific characteristics of semiconductor production lines.



### Liola's Product Suite

Specialized Modules to provide the optimum production plans and line analysis required to address all operational level needs, with any granularity of resource or time unit



#### PLOT: Floor Level Shift Management

- Generate highly efficient shift work-plans at maximal detail, addressing all significant production factors
- Optimized detailed, Shiftily based run, line management plan
- Best supply prediction and goals setting based on detailed simulation and optimization
- Satisfying segment-goals by inter-segment flows



#### PIVOT: Optimize Production Planning

- Generate optimized work-plan and build plan applying unique mathematical algorithms
- Recommended product mix for optimized production weeks ahead
- Fast accommodation of demands and capacity



#### SANE: Line Analyzing

- Best predict supply, WIP and fab performance based on simulation
- Highly flexible "what if" scenario setting
- Simulation of long list variety of scenarios



#### PDB - Production Parameters Prediction

- Realistic predictions of production parameters based on historical line images



#### SMART: Fabless and Systems Manufacturing Management

- Best order's schedule based on inventory, capacity and more
- Delivers optimized customers supply dates (CSD)
- Provides optimized build plans and simulation option



Ask us about a **FREE** of charge **DEMO** of your fab

