LocalSolver studio

A platform for optimization prototypes and applications

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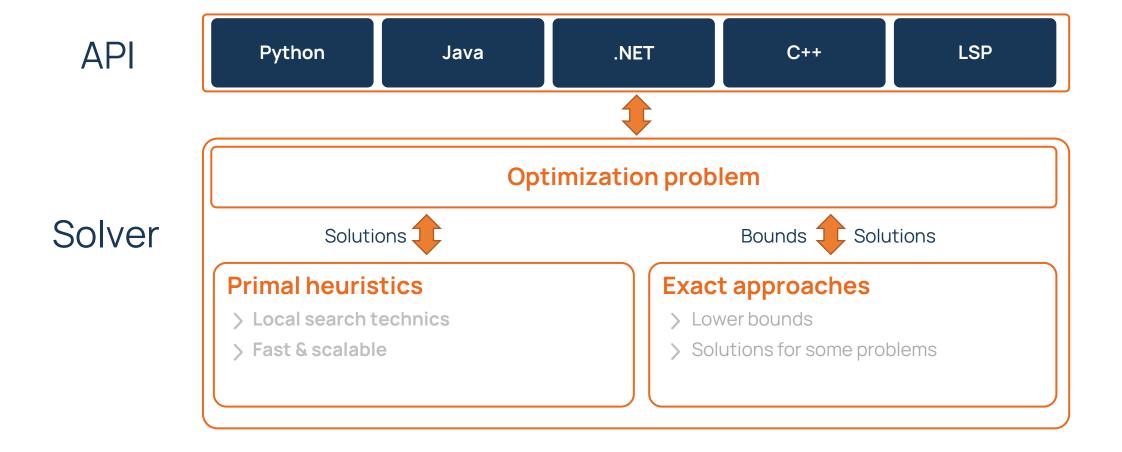
- > Optimization engine
- Consulting, PoC, development, integration, maintenance, support



- > A generic & powerful solver
- > 20 years of experience
- > 200 clients, 10,000 users, 25 countries
- > Subsidiary of Bouygues (38 Mds€ CA)
- Offices in Paris & New-York

LocalSolver

Optimization Engine



Optimization Engine

Version 12.0

- Released in June
- Introduces interval decision variables
- Focus on Scheduling problems (Solutions + Bounds)
- Performance improvement on Routing Problem with TimeWindows
- More info & benchmarks on www.localsolver.com

Our product offer

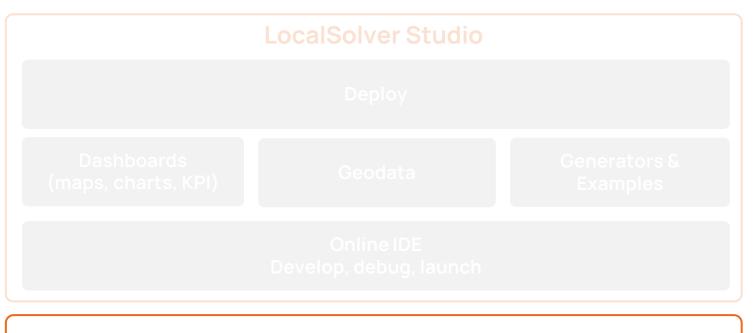
From the optimization engine to LocalSolver studio

LocalSolver Optimizer Optimization engine

For engineers and O. R. scientist
Run on the user device

Our product offer

From the optimization engine to LocalSolver studio



LocalSolver Cloud

Easy remote optimization on the cloud

LocalSolver Optimizer

Optimization engine

Same as LocalSolver Optimizer

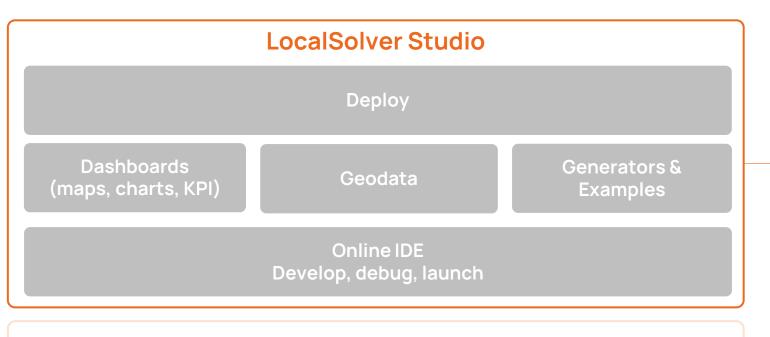
Mostly meets an IT requirement:

- Easy to deploy
- Server managed by LocalSolver
- Cheaper for the end user

Objective: run optimizations without having an impact on architecture or other services

Our product offer

From the optimization engine to LocalSolver studio



For data scientist, data analysts, advanced users

Objective: A unique tool to develop, test, prototype, visualize quickly solutions.

LocalSolver Cloud

Easy remote optimization on the cloud

LocalSolver Optimizer

Optimization engine

Why LocalSolver Studio?

« I do a lot of analyses, prototypes and I need an integrated environment where my engineers can exchange and visualize the solutions of our optimization models »



OPTIMIZATION TOOLS

- Do not support all the LocalSolver formalism
- Focus on optimization
- From our competitors



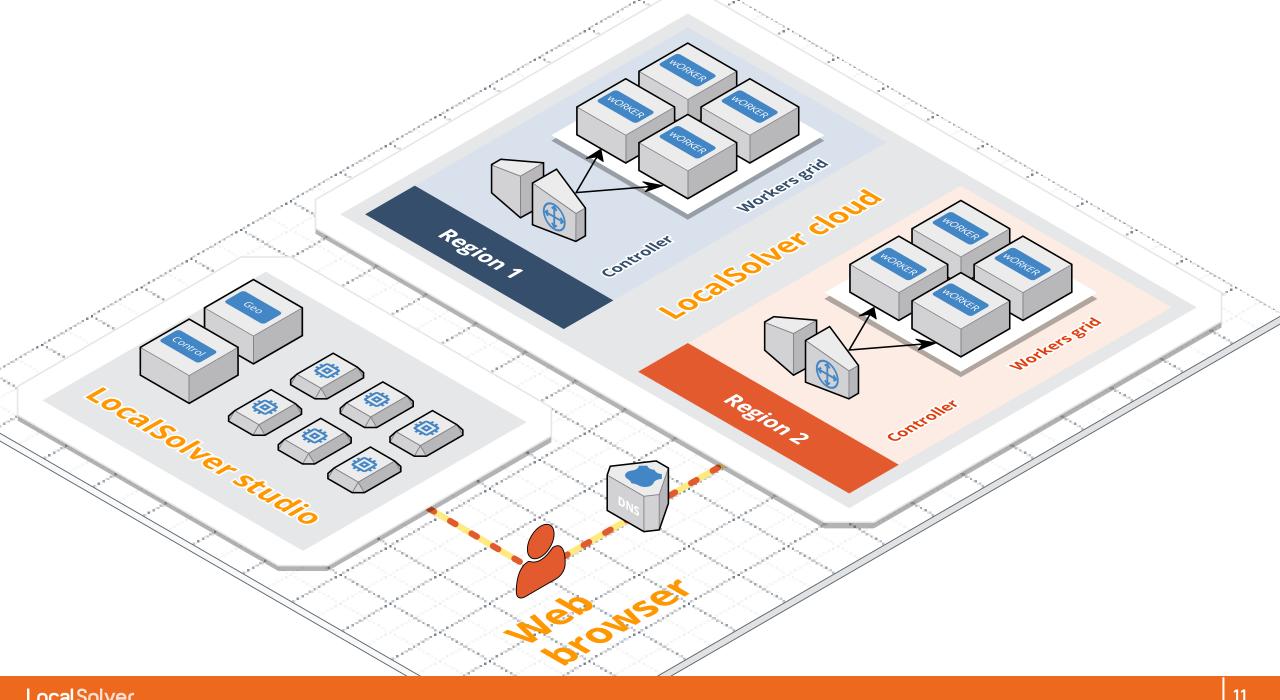
GENERIC TOOLS (notebooks)

- Not easy to use for optimization
- Python based
- Mixed feedbacks from our clients

LocalSolver studio
 Demo

https://studio.localsolver.com

LocalSolver studio Architecture



Questions?