



A superposition of tech and service offerings!

Cloud-based software services and solutions!

Designing quantum molecular algorithms & solutions for innovative applications

Chemical & material design

Quantum molecular sensing & control

Training & consultancy

Quantum software

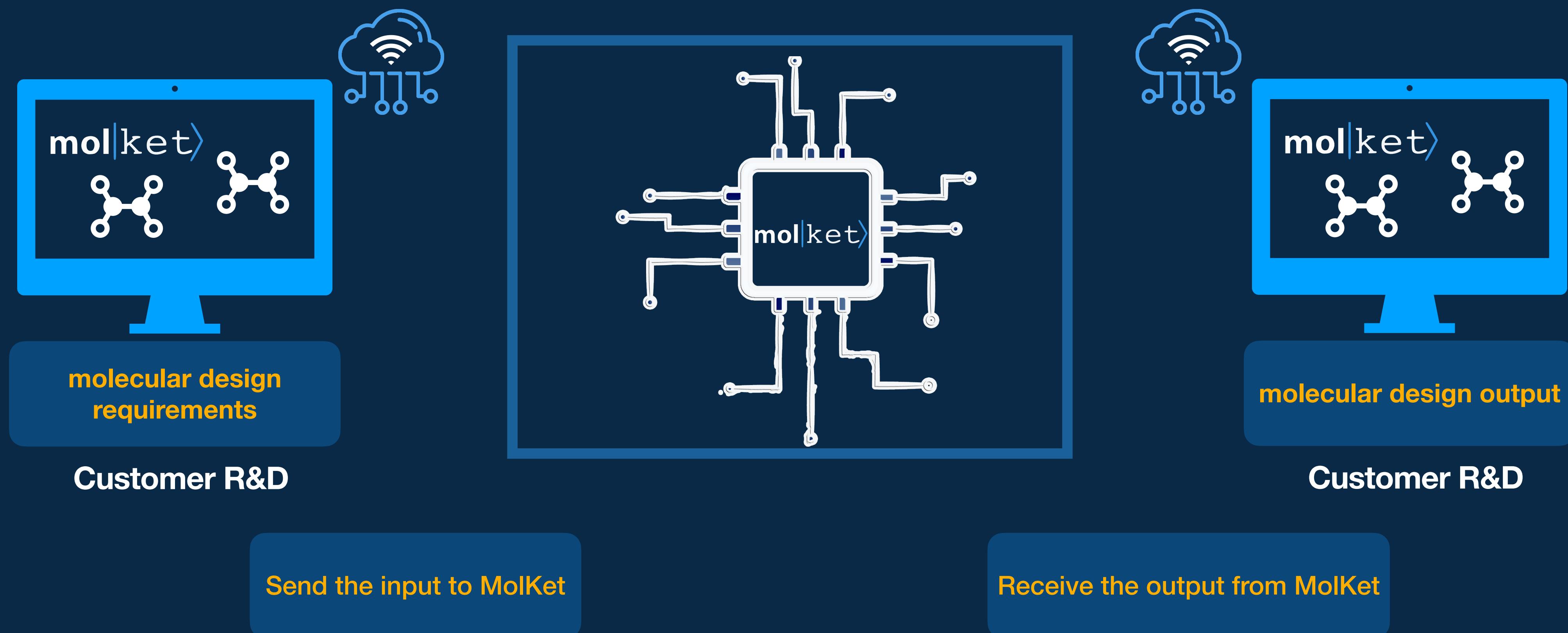
MolKet encryption

MolKet cloud services

MolKit Cloud based software >

A superposition of tech and service offerings!

- Cloud-based software services and simulation algorithm toolboxes using HPC/QC.
- Assist customers in formulating the problem, develop algorithms that help them, and design conceptual molecular solutions for their needs.

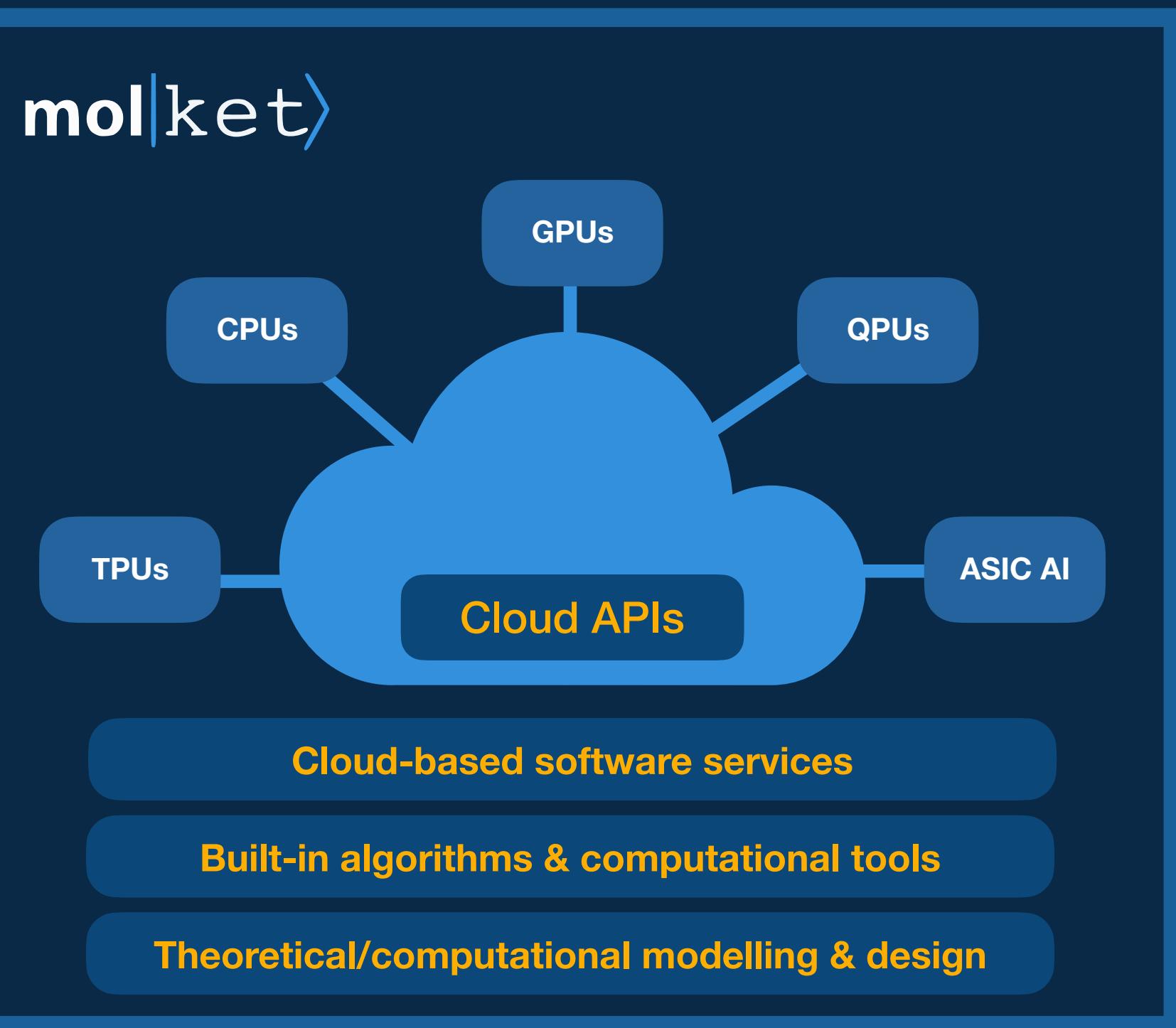
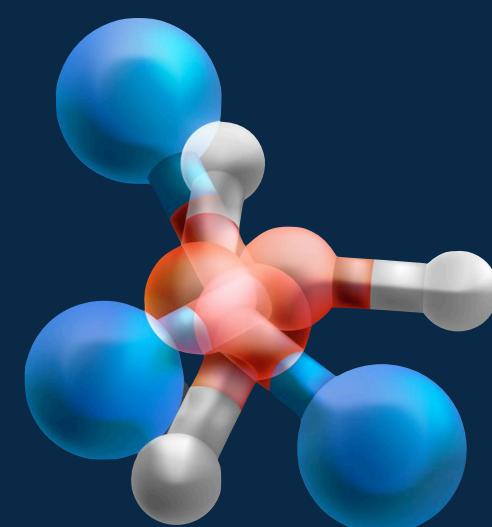


MolKit Cloud based software >

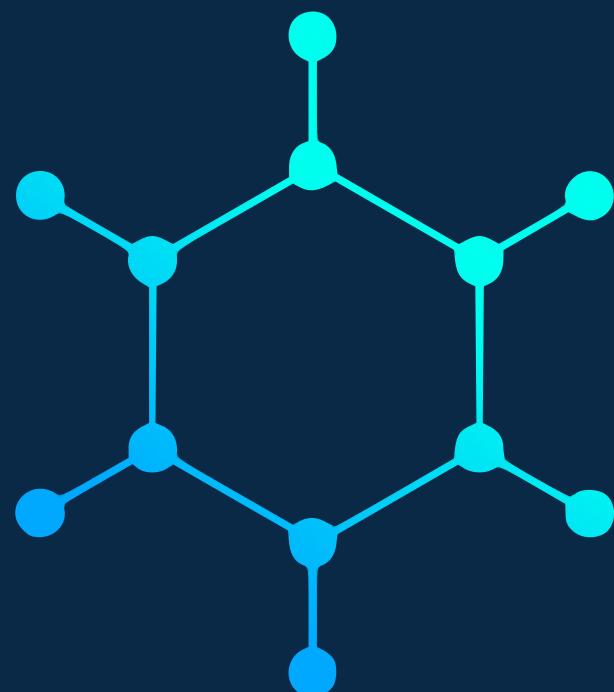
Customer R/D



molecular design requirements



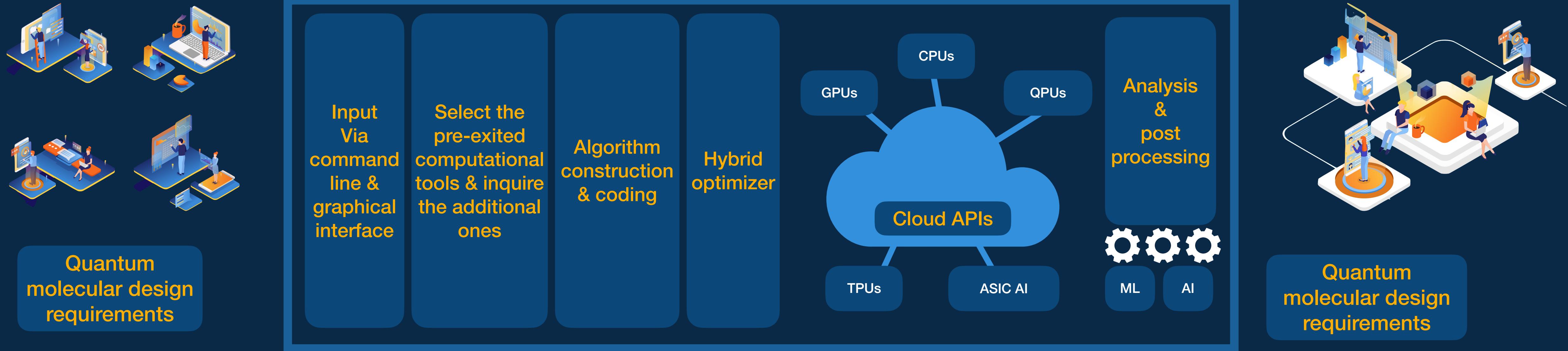
molecular design



Using MolKit's Cloud-based platform

- Perform your simulations and create your molecular designs using MolKit's computational toolboxes, ML, QML, and AI modules.
- MolKit's optimizers will choose the best computational architecture for each part of the design simulation.

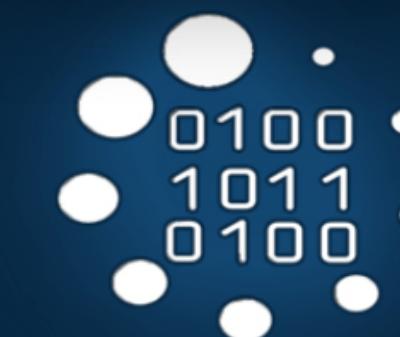
- Cloud-based software services and simulation algorithm toolboxes using HPC/QC.
- Assist customers in formulating the problem, develop algorithms that help them, and design conceptual molecular solutions for their needs.



We enable our customers to achieve accurate designs, thus reducing the cost of R&D lab work & materials, & speeding the time to market.

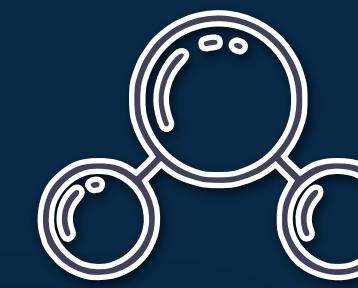
MolKet >

- A superposition of a tech and a service company.
- We offer MolKet cloud software to design quantum molecular algorithms and solutions for innovative applications.
- We provide cloud-based services and solutions.



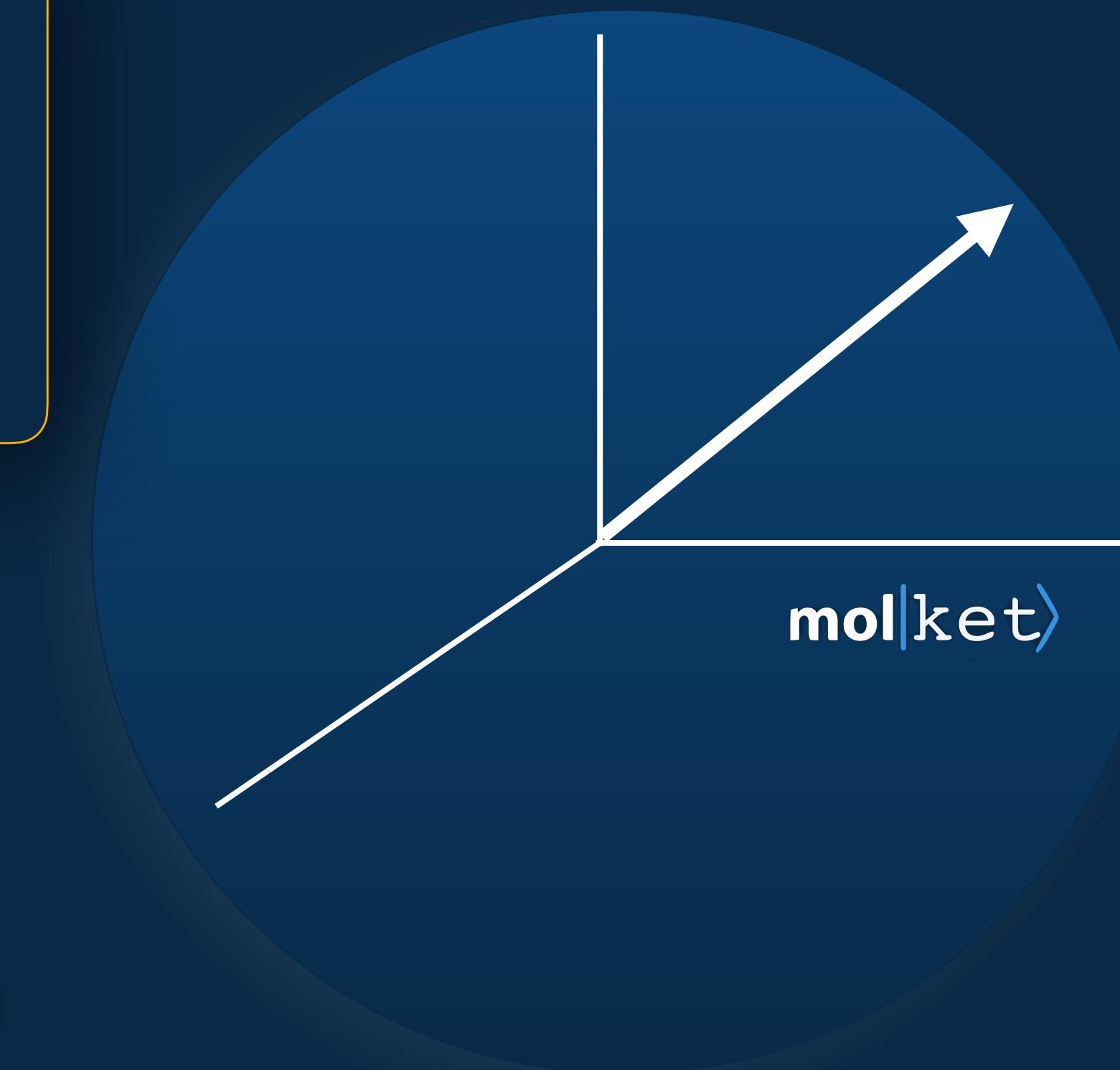
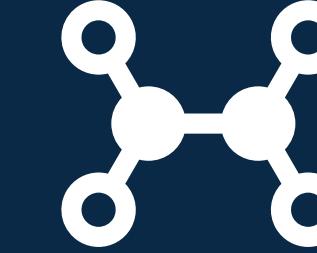
Efficient algorithms QC/HPC >

Smart designs tailored to customer needs using HPC + quantum algorithms & simulations.



Molecular modelling & design >

Chemical reactions, molecular qubits
molecular collisions & interactions.



Quantum molecular sensing & control >

Conceptual designs & simulations for quantum molecular sensors.

Applications: space, communications, astrophysics, cybersecurity, biology, & electric batteries ...



| What makes us different? >

We enable our customers to achieve accurate designs, thus reducing the cost of R&D lab work and materials, and speeding the time to market.

| Innovative algorithms >

| Real-time simulations >

| Expertise & skills >

| Training & consultancy >

| Optimised software using our cloud >

| Offering >

We offer cloud-based software & services to design your molecular solution graphically,

Algorithms, classical, quantum, hybrid & quantum inspired

- Molecular & Material design
- Molecular simulations
- Optimisation
- Chemical reactions

Quantum molecular sensing & control Simulations & design

- Vibration sensors
- Battery sensors
- Gyro sensors
- Energy sensors

Consulting, training, mentoring

- Problem formulation
- Knowledge transfer
- Customized trainings
- Workshops
- Quantum computing

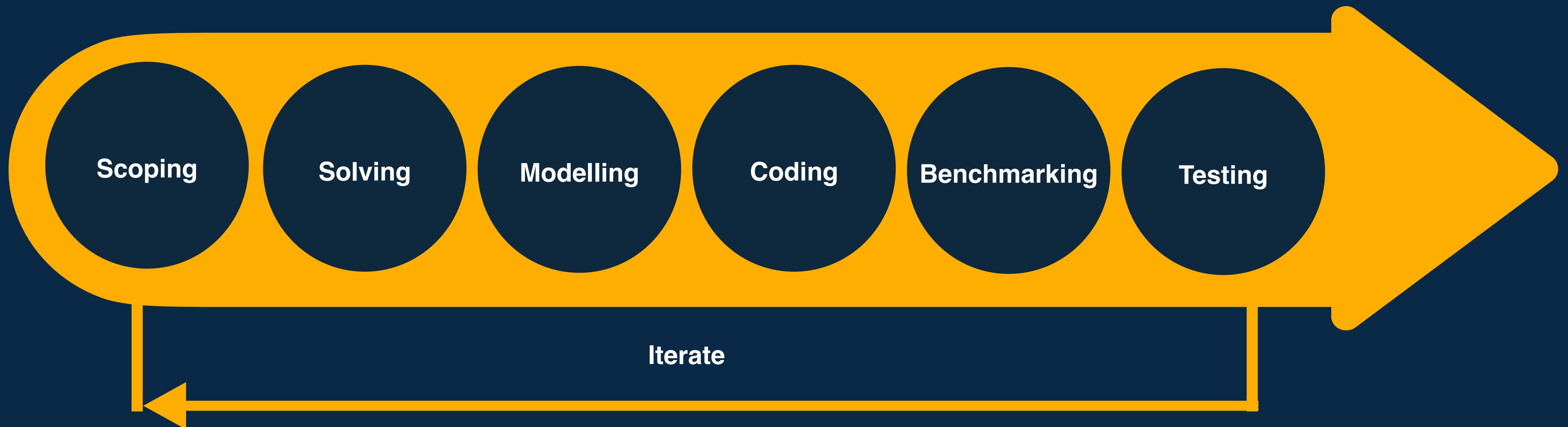
Chemical & material design, Energy, telecommunications, Cybersecurity, Astrophysics,
Aerospace, Automotive, Pharmaceutical, & Personal care

All our software, codes, and scripts run on our secured hybrid computing clouds:

www.molket.io

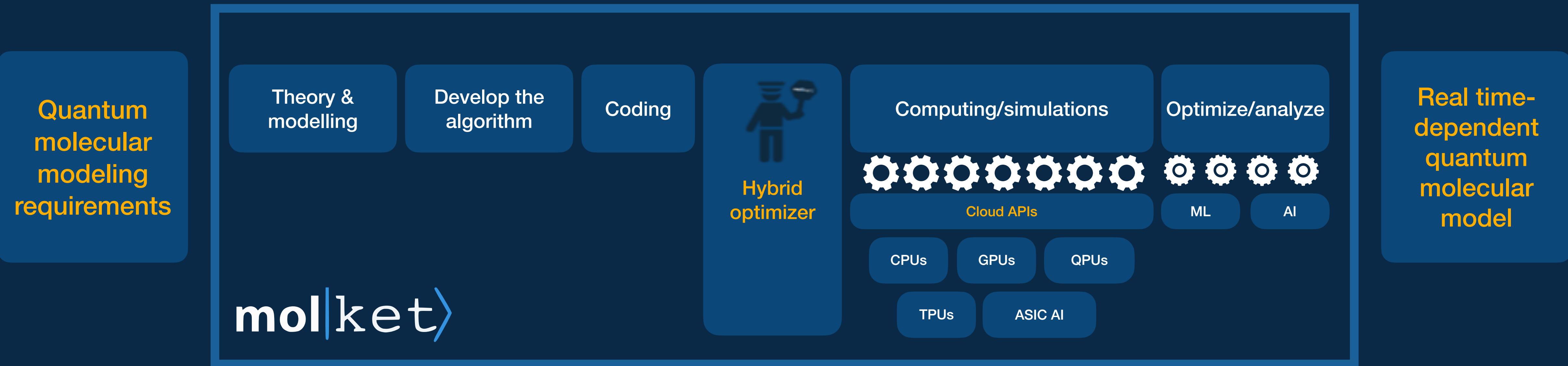
| Our Methodology >

Six steps from the problem formulation to the solution:



Execution >

Helping customers achieving their innovative molecular design



| Founders >



Taha Selim

- CEO & co-founder, MolKit.
- Lead scientific team.
- Theoretical & computational quantum engineer.
- PhD candidate, Theoretical & Computational Chemistry, IMM, Radboud University Nijmegen, the Netherlands.
- M.Sc. of Quantum physics, Lasers, & Materials.
- B.Sc. of Physics & Mathematics with Electronics & Communication Engineering.
- Non-degree diploma in Business Administration & Economics.



tiselim



Alain Chancé

- Chief Business Officer & co-founder MolKit.
- Lead consulting & project management team.
- Technical manager with 30+ in consultancy of technical solutions in major tech firms.
- Qiskit Advocate & IBM Certified Associate Developer.
- Expert in teaching, training, & knowledge transfer.
- Author of the book “Quantum Chemistry and Computing for the Curious: Illustrated with Python and Qiskit® code”.



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