

SYNOGATE

AGILE CHIP DESIGN

Whether you develop hardware, process large amounts of data, run data centers, or automate industrial systems: You know the advantages like ultra-low latency, high throughput, and efficiency that hardware-acceleration offers over CPUs. But you also know the challenges, like long development cycles, low adaptability, and significant risks.

Synogate develops hardware-accelerated solutions inspired by experience, tools and methods from software development. The result:

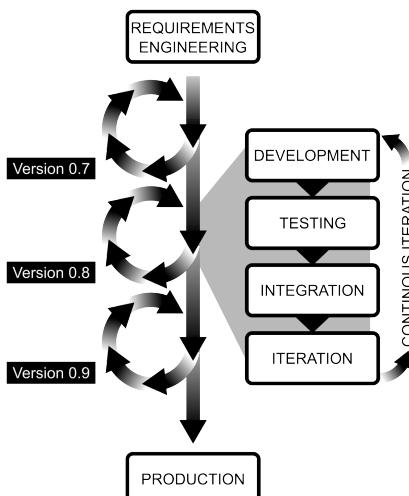
Custom chips with fastest time-to-market, minimum risk, and highest performance.

Network
Performance
& Security

Hardware-
Software-
Interfacing

Computer
Vision &
Broadcasting

AI / ML
Acceleration
& Integration



- Fast FPGA prototyping & iterative development
- Feedback loops for quick validation & high reliability
- Frictionless integration, versatile interfacing
- Full RTL source code, certifiable, industry-proven
- Flexible solutions, easy modification

A prototype within weeks, iterative versions, and continuous testing give you full control and visibility of development process. Benefit from learnings for agile product design, and flexibility to react to changing requirements.

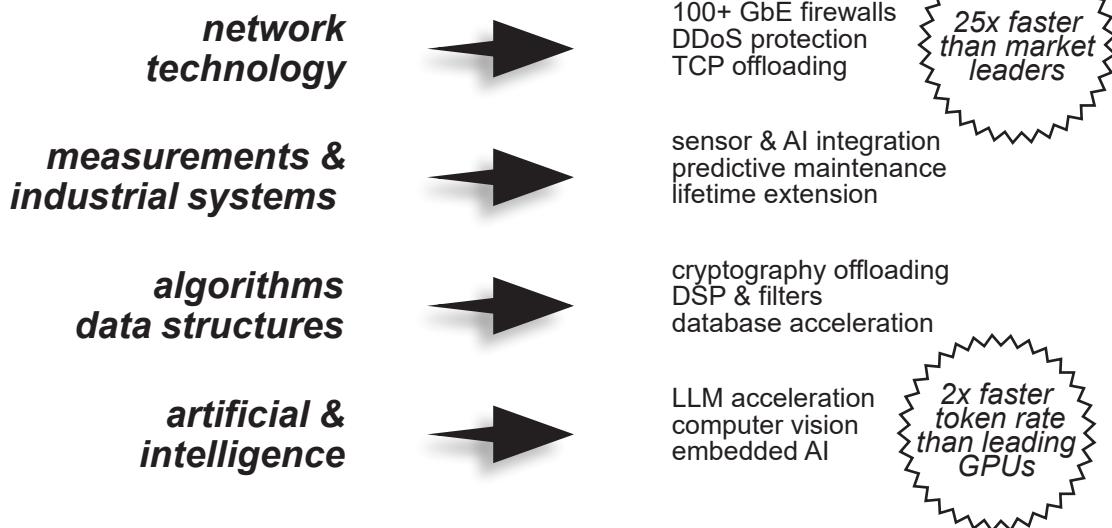
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Synogate bridges the gap between hardware and software, covering everything from digital circuit design to interfaces to software to stand-alone appliances. We quickly develop highly specialized end-to-end solutions and accelerate algorithms, interfaces, and applications.

We integrate with your processes for frictionless co-development, and provide high quality deliverables, tailored to your use case.

VERSATILE FPGA SOLUTIONS:



CONTACT US to discover the possibilities:

- **3-4x faster development**
- **turnkey solutions, seamless integration**
- **configurable for future development**
- **reliable, auditable & industry proven**



Founded in 2021, we have successfully delivered bespoke solutions to our clients in IT industry and public sector. We are experienced in working with all major FPGA vendors and take pride in rigorous quality assurance and thorough documentation. The quality of our solutions has been validated by federal certification authorities.