

Complex IC Expertise

From System to Silicon Supply

High Quality IC Design

Sondrel is a unique and trusted provider of high quality IC design and supply across multiple end markets. We offer our clients a turnkey service from system design to the supply of production silicon: one reliable partner for the whole journey.

Design Capability

Since 2002 Sondrel has provided outsourced IC consultancy to some of the world's leading technology brands, gaining access to the most advanced processes and technologies and the design challenges they present. Our experience of the newest IP, processes and technologies allows us to draw from the broadest possible range of options in our concept to silicon design work. As an independent design company the objectivity we bring to IP selection works to your advantage.

Domain Expertise

Whether we are working with an established semiconductor or systems business or an innovative start-up, our strength lies in the ability to translate your innovation into an SoC with the on-chip resources to meet your system requirements efficiently. Our domain experts have extensive experience of designs with very low power or challenging power management requirements and multiple CPU/GPU architectures for applications in a wide range of markets.

Industry Collaboration

We work closely with IP Vendors, EDA suppliers and foundries to maintain a current knowledge of the newest processor cores, IP, tools and silicon processes. We invest in collaboration with industry leaders to set new benchmarks in IC design.

Key Facts

- 200+ highly qualified IC engineers
- 100s of designs to 7nm
- UK headquartered
- 9 offices worldwide
- Founded 2002

Locations



HQ	Reading, UK
UK	Bristol, Kings Langley
USA	San Jose
China	Shanghai, Xi'an
France	Sophia Antipolis
Morocco	Rabat
India	Hyderabad



ISO 27001
compliant design
centres

ISO 26262
conformant

Accreditations



Arm Approved
Design Partner



SAFE™ Design
Service Partner



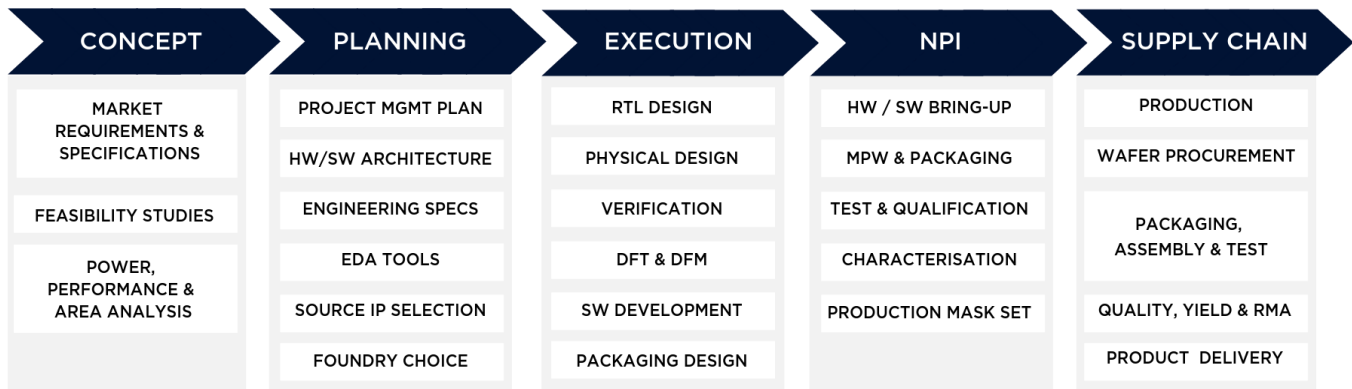
TSMC Design
Centre Alliance
Partner



Global
Semiconductor
Alliance Member

Complex IC Expertise

Your Partner from System to Silicon Supply



Silicon Supply

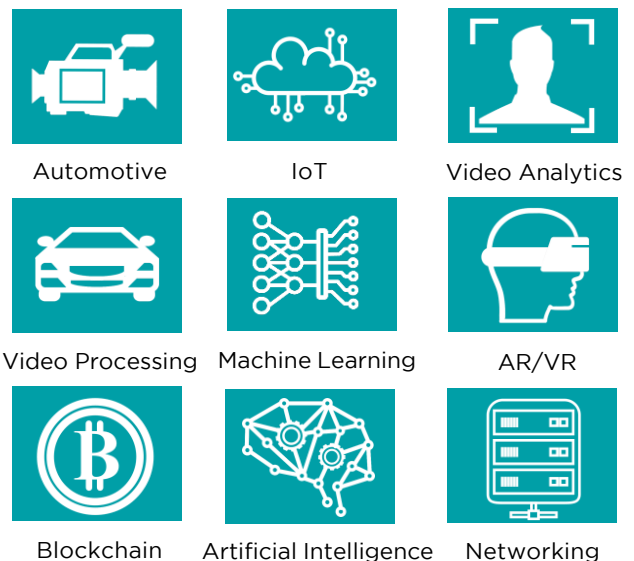
Our strong presence in Asia enables us to maintain excellent relations with leading test and packaging suppliers. Sondrel works closely with the industry's leading silicon foundries and Outsourced Semiconductor Assembly & Test (OSAT) houses to delivery your volume production - one partner for the whole journey.

Specialist Knowledge

Engineering Disciplines

- Architecture** Defining high level concepts and value proposition
- Design** From Functional Specification to the start of physical design
- Embedded Security** Expert Arm® Design Partner for PSA certifiable designs
- Software** Developing and integrating embedded software
- Verification** High quality, reusable VIP and UVM methodologies
- Physical Design** Implementing large complex digital designs in new technology
- Design for Test** High quality, high yield, efficient manufacturing screening
- Operations** Selection and management of IP, package design, test, fabrication, yield management

Domain Experience



Hundreds of IC designs from 18µ to 7nm