# Computer Architecture, FPGA, ASIC

# Capabilities

Get experts in the computer architecture, FPGA and ASIC domains to meet/accelerate your product/project needs at different abstraction levels of your design and development cycle.

- Digital IC design flow (Verilog to GDS)

- Processor design using HDL

- RTL design and synthesis

- FPGA-based implementations with Xilinx and Altera platforms

- Write corresponding firmware in C/C++ for hardware designs

- Hardware modeling in simulators

- Interconnect design and implementation

- Design verification using static, simulation and emulation-based methods

- Hardware-software co-design

SYNTAX GENIE

# Tools and Technologies



Innovus | Virtuoso

ModelSim*

VC SpyGlass | ZeBu | VCS

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