To stay ahead of the competition, engineers must focus on differentiating their designs in the midst of challenges such as development costs, risk of failure, time-to-market pressure, and design complexity. Today’s design teams also need to efficiently manage global collaboration, multi-faceted third-party design chain relationships, IP sourcing, and design implementation, integration, and validation within the most advanced production design environments.

**ASSETS**
- Pre-packaged and custom-developed production-proven methodologies and environments to address customer design challenges and help designers accelerate technology-specific product development
- Silicon-proven and customizable digital and analog/mixed-signal design components along with hardware/software verification IP
- VCAD collaboration infrastructure provides secure networked chambers for project collaboration, giving customers access to our engineering capabilities, regardless of geography
- Centers of Excellence around the globe maximize customer access to our engineering expertise and capabilities

**EXPERIENCE AND CAPABILITIES**
Cadence Global Services has a proven track record of addressing our customers’ production design environment needs. We have experience with a broad array of industry segments—consumer electronics, wired and wireless communications, computing, automotive and military/aerospace—in a range of process geometries including today’s leading process nodes.

- More than 14 years of production-proven success with 300+ customers
- Enabling 1,000+ products across more than 60 design processes
- 98% first-pass silicon success for digital SoCs; 96% mixed-signal tapeouts with full parametric operation and 1 metal spin

- Low-power, analog/RF, mixed-signal, digital, and SoC expertise
- Optimized approach for start-up, mid-sized, and enterprise customers
- 24x7 virtual team support via global services sites and VCAD collaboration infrastructure

Cadence® Global Services is focused entirely on enabling the most efficient design capabilities for our customers. Our world-class engineering teams deliver the most advanced, efficient, and production-proven design systems for analog/RF, mixed-signal, custom digital, and complex SoC designs. By collaborating with you on methodology, design, and training—and by tailoring each engagement to your specific design, budget, and schedule needs—Cadence Global Services can help you meet your broader business and project goals.
Secure collaboration environments
Innovative service model allows Cadence to support customers regardless of location.

Global capability teams
Core teams of engineers, onsite or remote, focused on improving design productivity
- Assessment and plan
- Implementation
- Knowledge transfer
- Sustained support

Long-term relationship encompassing the entire design system lifecycle

Figure 1: Virtually integrated CAD (VCAD) delivery model

SERVICE OFFERINGS
- Accelerated adoption of new tools
- Standardization of design systems and flows
- Efficient CAD management
- Advanced design methodologies
- Global design team infrastructure and support
- Integrated design environments
- Extend life of proven, cost-effective process nodes
- Advanced system-in-package (SiP) technologies
- Transition to advanced process nodes
- Adoption of leading design domain techniques (such as analog/mixed-signal/RF)
- Solutions to critical design challenges like low power, mixed-signal design and verification, and advanced functional verification
- New-hire talent and skills ramp-up
- Training in new design domains
- Design team ramp-up

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