

Business	Developing, distributing, and supporting semiconductor intellectual property (IP) products that reduce costs and enable quicker time to market for producers of electronic products.
Approach	Focus on popular and standards-based IP cores. Offer both competitive prices and the best available customer support. Avoid debt, operate lean, exploit the Web, outsource services, and employ international development partners.
History	CAST was formed in 1993 with an initial focus on intellectual property in the form of simulation models. The company evolved as design methodologies changed, and began offering IP cores in 1996.
Organization	With its lean operation model, CAST has a nearly flat organization of mostly design engineers; outsources most non-engineering functions; uses a distributed office network; and teams with international development and distribution partners who are experts in their respective areas. The company is US-based and has a development branch in the Czech Republic.
Management	Hal Barbour, President Newton Abdalla, VP IP & Operations Nikos Zervas, VP Marketing Bill Finch, Senior VP Meredith Lucky, VP Sales
Markets	CAST reduces time to market for electronics companies engaged in three main applications: development of system-on-chip (SoC) designs and using IP cores for nonproprietary portions of the product; enhancement of existing printed circuit board products and their consolidation to chips; and extension of life for existing products through obsolete parts replacement.
Channels	Direct sales; local sales partners in regions around the world (see list on the website).
Products	IP Cores — broad range of over 100 standard protocols and expert functions for custom and structured ASICs and for FPGAs, including 8-, 16-, and 32-bit processors, bus and network controllers, image and video compression, encryption functions, serial communications devices, peripheral controllers, and basic logic blocks. Platform IP — pre-integrated cores and essential software, including application platforms and processor system platforms.
Services	IP integration; Custom modifications of IP cores and system IP products.
Customers	1,000 core licenses to almost 700 customers, including telecommunications, automotive, computer, industrial control, military, and other electronics producers.
Partners	<p><i>Principle Technology Partners:</i> Alma Technologies S.A. (Greece), Evatronix S.A. (Poland)</p> <p><i>IP Technology Partners:</i> Fraunhofer IPM (Germany), SoC Solutions LLC (USA), Trilinear Technologies, Inc.</p> <p><i>Semiconductor Providers:</i> Actel Corp., Altera Corp., ARM Ltd., GigOptix, Inc., Lattice Semiconductor Corp., Xilinx, Inc.</p> <p><i>Industry Associations & Portals:</i> Chip Estimate (a div. of Cadence Corp.), Design and Reuse, Hellenic Semiconductor Industry Association (HSIA), IP Constellations, OCP-IP, PCI-SIG</p> <p><i>EDA and Software Partners:</i> Aldec, Inc., Avery Design Systems, Inc., Cadence Design Systems, Inc., CMX Systems, Inc., Keil Software (an ARM Company), Mentor Graphics, nFocal, Inc., Synplicity (a Synopsys Business Group), TASKING (a division of Altium Ltd.)</p> <p><i>Mixed-Signal Partners:</i> Genesys Logic, Inc., JMicon Technology Corp., MOAI Electronics Corporation, Richnex Technology Co., Ltd., SMSC</p> <p><i>Sales Partners:</i> Alternative Systems, AmBlot SARL, Advanced Semiconductor Technology Ltd. (AST), BP&M Representações, Maojet Technology, PROTOtyping Japan Corp., S2C Inc., Spinnaker Systems, Vector Co. Ltd., Zumi Technology Pte Ltd.</p>
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