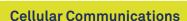## Who We Are

> We are the world's leading licensor of wireless connectivity and smart sensing technologies, partnering with semiconductor companies and OEMs worldwide to create power-efficient, intelligent and connected devices. We target a range of end markets with our technologies, including mobile, consumer, automotive, industrial robotics and IoT. More than 12 billion CEVA-powered products have shipped worldwide to date.

What We Do

> We provide our customers with comprehensive, vertically integrated hardware and software solutions that enable them to develop intelligent, connected devices with superior performance, power efficiency and flexibility. Whether it is sensing, analyzing and applying AI to data from a camera, a microphone or an inertial measurement unit, or connecting a device using 5G, NB-IoT, Bluetooth or Wi-Fi, our unique technology portfolio lowers barriers-to-entry, time-to-market and costs associated with getting to market.

POWERED BY CEVA

5G Baseband · Multi-purpose DSP/Controller · NB-IoT · Data in-picture · Wi-Fi · Bluetooth · Wide angle Image processing · GNSS · Sound · Sensor Fusion · Computer Vision · AI / Deep Learning

The CEVA IP Portfolio

Cellular Communications	Computer Vision	Deep Learning & AI
PentaG™ · CEVA XC4500™ · CEVA XC16™	CEVA-XM™ · IMMERVISION™ · SensPro™ by CEVA	NeuPro™ · CDNN™ · CDNN™ Invite
5G and LTE DSP based platforms for handset, base station, Cellular V2X and Radar	Vision DSPs, AI processors, CDNN graph compiler, and imaging software (Immervision)	Neural Network compiler and AI processors scaling from IoT to Automotive

IoT Connectivity	Audio Processing	Sensor Fusion
CEVA Dragonfly™ · Bluetooth · Wi-Fi · RivieraWaves™	CEVA BX™ · SensPro™ by CEVA · ClearVox™ · WhisPro™	Motion Engine™ · hillcrestlabs™ · SenslinQ™
Complete platforms for Bluetooth, Wi-Fi and NB-IoT	Sound DSPs, Audio AI, and Smart microphone software	Hillcrest Labs contextual sensor fusion software and software stacks

> **www.ceva-dsp.com**

5G Mobile Broadband & Infrastructure

5G is changing the way we communicate, bringing incredible data speeds and exciting new use cases leveraging cellular networks. Smartphones, fixed wireless access and cellular V2X are just some of the use cases where our PentaG™ platform can significantly lower the entry barriers for companies looking to develop 5G modems and SoCs.

And our 5G SDR DSPs for 5G base station RAN, including Remote Radio Units, Active Antenna Units, Base Distributed Units and Base Band Units and other wireless infrastructure are helping form the backbone of 5G networks around the world.

IoT Connectivity

We are the world's leading licensor of connectivity solutions for the IoT. Whether its our advanced Bluetooth low energy and dual mode solutions supporting the latest LE Audio standard, our Wi-Fi 6 platforms or our complete NB-IoT cellular modem, we can help fast-track your SoC design. With many leading semiconductors and OEMs as our customers, more than 500 million devices shipped powered by our Bluetooth and Wi-Fi technologies in 2020. From smart hearables and earbuds to fitness bands, wireless biosensors and speakers, our connectivity IPs are at the heart of the IoT revolution.

Computer Vision

Computer vision has become a must-have technology in almost every camera-enabled device. Our imaging and vision DSPs lead the market, capable of handling the most demanding vision algorithms and image enhancement software, including our Immervision family of software for wide-angle cameras. That's why we already have more than 50 design wins for our imaging and vision platforms and are shipping today inside leading smartphones, drones, VR headsets, action, mirrorless and surveillance cameras, ADAS systems and robot cleaners.

Audio Processing

Voice is one of the most exciting technology areas today and is quickly becoming the main user interface to communicate with smart devices in smart home, automotive and wearables. We offer our ClearVox™, a complete voice pre-processing software package and WhisPro™, a neural network based speech recognition software. These technolgies are optimized for CEVA-BX™ Audio DSPs and enable a complete solution for voice as a user interface in personal assistants, wireless earbuds and IoT devices, as well as high-quality immersive audio playback.

AI and Deep Learning

AI is increasingly becoming a must-have feature of every embedded device. At CEVA, we ensure all our customers can include AI in their product designs by offering a wide range of options for AI inference. Whether its our NeuPro™ AI engines or SensPro's acceleration, or using our CDNN-invite™ technology to integrate customers AI accelerators, we lower the entry barriers for AI inference in any SoC design.

Sensor Processing and Fusion

Our Hillcrest Labs' MotionEngine™ advanced sensor fusion technology transforms human and machine movement into high quality, application-ready information. This enables developers and manufacturers to easily create everyday products that work with precision, including robotics, virtual reality (VR), augmented reality (AR), 3D audio, and handheld motion controllers.