

# FAB S and LAB S

## CML Micro: Customer-Centric, Continuous Innovation and Unwavering Quality



The story of what is now known as CML Micro began in 1968 when the company was founded as Consumer Microcircuits Limited in the U.K.

Recognizing the growing demand for semiconductor solutions in the emerging field of wireless communications, the company shifted its focus toward the development of integrated circuits (ICs) for RF applications. To support this, they became the U.K.'s first company to adopt the rapidly emerging "fabless" semiconductor supply model.

The company grew steadily by expanding its product portfolio and customer base, leveraging advancements in semiconductor technology to develop new products for wireless communication systems. At its formation, CML considered its analog signal processing IP portfolio to be among the best in the world. This expertise evolved into digital signal processing (DSP) capabilities and in the early 1990s, the company introduced its first generation of DSP ICs for wireless communication applications. These DSP chips offered enhanced performance and flexibility compared to traditional analog solutions, paving the way for the widespread adoption of digital communication technologies.

As the demand for wireless communication devices grew, CML seized the opportunity to increase its market presence. In addition to expanding their product portfolio and range of market applications organically, the company began a string of acquisitions. In 2002, CML acquired Applied Technologies and formed the CML Radio Systems Group, specializing in DSP software and RF design solutions. The following year, CML acquired Hyperstone, a fabless semiconductor company that provided flash memory controller microchips and flash controller firmware complementary to these controllers. In 2016, the company acquired China-based SICOMM, a fabless semiconductor company specializing in integrated baseband proces-

sors and RF semiconductors. In 2020, PRFI, a U.K.-based design house specializing in the design and development of RFICs and MMICs, along with microwave and mmWave modules, was added to the portfolio. The most recent acquisition, MWT, specializes in GaAs and GaN-based MMICs, discrete devices and hybrid amplifier products for a variety of commercial, defense and industrial applications.

CML Micro has more than 400 products that come from nine global locations. The company sees good year-over-year financial growth with reported 2023 revenues of over \$26 million.

The acquisitions and organic growth have greatly expanded the company's capabilities. The company continues to expand its "SuRF" line of high performance RF products and mixed-signal baseband/modem processors that address multiple wireless voice and data communication markets. In addition to these SuRF products, the company offers direct conversion receivers, transceivers and synthesizers for RF applications. With a broad range of products targeting analog front-end, baseband processing, voice coding, voice CODEC and Application/MMI applications, CML Micro can provide wireless communications solutions from the moment data is created until it is processed at the other end of a communications link. The main application focus areas for these products are critical communications, wireless networks and satellite, IoT, business and leisure wireless, aerospace and defense maritime communications and broadcast markets.

The CML Micro story is still being written. It is one of organic growth, coupled with strategic acquisitions to expand capabilities. The theme of the story is noble; helping the world to transform the way it communicates.

**CML Micro**  
[www.cmlmicro.com](http://www.cmlmicro.com)