The Products

Lernout & Hauspie's speech & music coding products convert speech into compressed files for storage, transmission and later reproduction. L&H's speech compression products offer compression rates from 1.6 to 32 kilobits per second, compression ratios of up to 72:1, and require the use of less processing power than many commercially available speech compression products. The range of choices offered by L&H enables customers to tailor the optimal playback quality for the processing and storage capacity of their systems. Using a storage compression ratio of 72:1 enables a typical one -minute voice mail message to be saved in as little as 12 kilobytes of storage space. With limited compression, the same message would occupy almost one megabyte of disk space. Among other benefits, L&H technology can be used to enable full-duplex (two-way) conversations over the Internet while other data are being transmitted.

Speech & Music Coding Products

The following table represents current offerings in the L&H speech & music coding product line.

Product	Processor Manufacturers (1)	Compression Rates	Markets
smc650		• 32 kbps	
smc550	• Analog Devices	• 16 kbps	• Computers & Multimedia • Telecommunications
smc450	• Intel • Analog Devices	• 16 kbps	• Computers & Multimedia • Telecommunications
smc350	• Intel • Analog Devices • Texas Instruments • AT&T • United Microelectronics Corp. • Macronix • Asahi • Holtek • Windbond	• 4.8-9.6 kbps • 3.0-16.0 kbps	• Computers & Multimedia • Telecommunications • Consumer Electronics
smc250	• Intel • Texas Instruments • Analog Devices • Samsung	• 1-4 kbps (hc) • 0.6-2.5 kbps	• Telecommunications • Consumer Electronics

(1) Product has been ported to one or more processors manufactured by the listed company