

## **Standard Modular System (SMS)**

Standard Modular System (SMS) was a system of standard transistorised circuit cards and boards developed by IBM in the late 1950s. It first shipped in the IBM 7090 (Stretch) Computer. SMS was superseded by Solid Logic Technology (SLT) introduced with System/360 in 1964, however it remained in use with legacy systems and peripherals into the 1970s. SMS cards were constructed of individual discrete components mounted on single sided printed circuit boards. Single width cards were 2.5 inches wide by 4.5 inches tall by 0.056 inches thick, with a 16 pin gold-plated edge connector. Double width cards were 5.375 inches wide, with two 16-pin edge connectors. The cards were plugged into a card-cage back-plane and edge connector pins connected to wire-wrap pins. All interconnections were made with wire-wrapped connections, except for power bus lines. The back-plane wire-wrap connections were mostly made at the factory with automated equipment, but the wire-wrap technology facilitated field-installation of Engineering Changes (ECs) by Customer Engineers.