

INTRODUCTION:

This series of seven photos was recorded in the UNISYS, Roseville facility on April 4, 2012. These shadow box photos illustrate the Twin Cities Sperry-UNIVAC company computer and semiconductor development technologies preceding the seven years leading up to the Burroughs buyout of Sperry in 1986. These 'shadow' boxes have been on a Technology wall since then. The wall is no longer available because of 2012 downsizing therefore these units are being offered to various historical collections. The boxes are about 3' x 4' x 5", their disposition is expected to be determined yet this coming winter.

The Legacy Committee is passionate about preserving these 'Engineering Highlights' parts of our Information Technology History. Some are:

- FY '79: First Sperry Univac bi-polar IC, first 64k RAM, and first Storage PC board layout
- FY '80: First SAM delivery for 1100/80, first Chaparral VLSI wafer, first Sperry Univac Gate Array fabrication, first liquid cooled power supply, and first 1100/60 delivery.
- FY '81: Automated layout of VLSI gate arrays, first year of 1100/80 deliveries, and Cache Disk product announcement.
- FY '82: Eagle Scientific Processor, first product using 64k storage device, and delivered 1,000th 1100/60 Processor.
- FY '83: 1100/94 Scientific Processing System, Chaparral System, and largest single computer order.
- FY '84: Eagle Scientific Processor sub-system and 1100/90 system.
- FY '85: Mapper, Integrated Scientific Processor System, and micro 1100 development.

If you'd like to have a *.jpg file of any of the photos, send a request e-mail to labenson@g.com. Also, if you are willing to transcribe all of the text on the plaques within these shadow boxes, please contact me.

This paper complements another set of 'history' shadow boxes documented in <http://vipclubmn.org/Articles/ATLASevolution.pdf>.

History note: Since Burroughs had a semiconductor fabrication facility in Rancho Bernardo, CA – their management decided to close the Sperry semiconductor development and fabrication facility and write off the closure as part of the Sperry acquisition costs. This author's opinion is that Burroughs management preferred to buy technology instead of developing it as Sperry had done at their Eagan, MN facility.

Author: Lowell A. Benson [BEE U of MN, 1966] is a retired engineering manager who began at Univac in 1960, leaving UNISYS in 1994 to develop a transportation research laboratory at the University of Minnesota. He has been a VIP Club board member and co-chaired the Legacy Committee since 2006.













