


Intercontinental Ballistic Missiles, Satellites & UNIVAC's Athena Computer

Completed in 1955, one of UNIVAC's first projects was the Athena computer. Designed to track and weigh 2,000 pounds, the machine was built in a general purpose computer for the Navy's Project Athena. The machine was designed to carry out the calculations needed to track and weigh 2,000 pounds, the machine was built in a general purpose computer for the Navy's Project Athena. The machine was designed to carry out the calculations needed to track and weigh 2,000 pounds, the machine was built in a general purpose computer for the Navy's Project Athena.




Instead of a nose cone and a bomb in it, it carried a satellite into orbit.

Bernie James UNIVAC Programmer

ERA, UNIVAC & Beyond: An Expanding Minnesota Presence

While ERA had its humble beginnings in an abandoned pilot factory, as the company expanded, it built additional facilities in the Twin Cities. Completing a new plant on Shepard Road in St. Paul, the company moved into UNIVAC's design and construction of the Navy's P-3C program. The Navy's P-3C program was the first of its kind, and it was a major milestone for the company.




There were many separate company facilities located during the late 1950s through the 1960s and into the 1970s.

Keith Behnke Former Sperry UNIVAC Employee

From Sea to Sky: Anti-Submarine Warfare and Ocean Surveillance

Still fresh from the success of the Naval Tactical Data System (NTDS), UNIVAC became the choice to create similar digital computers for ocean surveillance and anti-submarine warfare. The Navy's P-3C program was the first of its kind, and it was a major milestone for the company.




The P-3C [was] the first digital airborne anti-submarine warfare system.

Jim Rapinac UNIVAC Defense Systems Division General Manager

Silicon & High Standards: Sperry's Foray into Semiconductors

UNIVAC's military computers demanded extremely reliable - even in the most extreme conditions. The company's foray into semiconductors was a natural progression of its commitment to high standards.

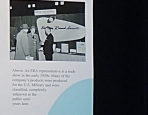


He was a major contributor to the standardization of testing procedures used by the semiconductor industry.

Larry Bolton Former Sperry Employee

The Birth of Minnesota's Computer Industry

Minnesota's computer industry is one of the most successful in the country. It was born in the Twin Cities, where the first digital computers were built. The industry has grown to become a major part of the state's economy.

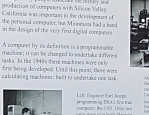


You can say quite confidently that the computer industry has its roots in the Twin Cities.

Dr. Thomas Main Former Sperry UNIVAC Employee

"Silicon Prairie" and the World's First Computers

Today, many people associate the history and production of computers with Silicon Valley. However, the first digital computers were built in Minnesota. The industry has grown to become a major part of the state's economy.




You could change the machine to do many problems just write new software for it.

Doc Welschbach Original ERA employee


Land of 10,000 Engineers: UNIVAC and the University of Minnesota

UNIVAC and the University of Minnesota have a long history of collaboration. The company has been a major employer of university graduates, and the university has been a major source of talent for the company.



Computers At Sea: The Naval Tactical Data System

The Naval Tactical Data System (NTDS) was a revolutionary computer system that allowed the Navy to track and identify ships and submarines. It was a major milestone for the company.




The NTDS shipboard system involved building multiple computers together to work cooperatively.

George Gerty Former Sperry UNIVAC Employee

Landing Planes for 40 Years: Air Traffic Control (ATC)

UNIVAC and its successor companies continued to support the Air Traffic Control (ATC) system for over 40 years. The company's commitment to high standards and reliability was a key factor in its success.



If you have flown any time since the late 1940s, the part of your flight has been under the control of a system developed by Remington Rand, Inc., etc.

Lowell Benson Former Sperry UNIVAC Systems Engineer

