1946 – ERA Associates

D. W. Ammerman
W. R. Boenning
J. G. Briggs
R. C. Bryant
H. D. Clover
L. Y. Chaloux
A. O. Christensen
J. M. Coombs
H. L. Daniels
H. S. Duncan
R. B. Einfelt
V. A. Gill
D. T. Greenwood
W. L. Grogan
R. P. Gutterman
A. H. Hausman
H. W. Heget
R. Hollos
W. P. Horton
J. H. Howard
D. Iacoboni
W. N. Jaus
R. E. Kilham
A. A. Kotz
N. Larson
G. W. Lund
R. E. Miller
W. L. Moe
H. G. Nilles, Jr.
D. L. Noble
E. C. Olafson
R. K. Patterson
F.L. Ribe
T. O. Robinson
G. W. Roenning
S. M. Rubens
A. W. Sloan
G. F. Smith
D. C. Sprong
J. H. Stallard
L. R. Steinhart
C. B. Thomkins
W. L. Vandal, Jr.
J. H. Wakelin, Jr.
J. M. Walsh
H. F. Zimmerman

Founders

W. Norris

R. Meader

H. Engstrom

J. Parker

1951 – S. Cray Joins ERA

1952 – ERA Controls 85% of the World's Computer Production

1958 – University of Minnesota Receives First Computer for the Scientific Computing Lab, an ERA 1103

2008 – Partial Listing of Companies with Roots in ERA/Univac

Analysts International
Architecture Technology Corp.
Aries Corp.
Astrocom
Atron
Comcet (NCR-Comten)
Community Electronics
Computer Communications
Computer Systems, Inc.
Comserv
Control Data
Cray Research
Cyber Security Technologies Corp.
Data 100/Northwestern Telecom
Data Action
Data Card
Data Central/Comserv
Data Display
Data Management
Data Panel
Data Pathing
Data Products
Datagraph
Dicomed
Digital Systems
Edge Computer
Electro Med Medtronic
ETA
Fabritek
Flame Industries
Flo-tronics
General Electronic Control
General Kinetics
InfoPet
Intech
Job Boss Software
Midwest Circuits
Midwest Data Systems
Minneapolis Scientific Con.
MTS Systems
Multi Access
National Connector
Network Systems
Northport Engineering
Nuclear Data
Open Systems Holding
PC Tailors
Printware
Product Development Assoc.
Ramsey Engineering
Techanalysis
Telex-Oklahoma
The Analyst
Theradyne
Transistor Electronics
Tronchemics Research
Unique Software
United Software
Whitehall Electronics
Wiesmantel & Associates
Williams Sound

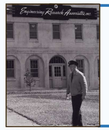
1977 – E. Tomash, Former ERA Engineer, Founds Charles Babbage Institute

Photo Courtesy of Jonathan Chapman

1980 – M. Gignac Establishes VIP Club

Over $100 Billion in Economic Contributions to Minnesota

$100B



1902 Minnehaha Ave. St. Paul, MN

The Wellspring of Minnesota Computer and High Tech Industry

ERA Engineering Research Associates

Remington Rand | UNIVAC | SPERRY UNIVAC | SPERRY | UNISYS Unisys Defense Systems, Inc. | SPACE SYSTEMS LORAL | LOCKHEED MARTIN | UNISYS

$50B

1946 1955 1960 1986 1996

Air Traffic Control Since 1960 at all U.S. Commercial and Major International Airports

1953 – Flight Plan Storage System

1956 – Airline Reservations

Mission Critical Computation and Command Systems Since 1957 to All U.S. Naval Ships and Platforms as well as Many International Navies

1947 – Goldberg Drum Memory System – World's First Hard Drive

1958 – AN/USQ-17 Military Computer Delivered – First Naval Shipboard Command and Control System

Space System and Mission Support Starting with 1957 Athena Computer for TITAN/TIROS Launches and Continuing with Astronaut Training and Shuttle Flight Simulation

1950 – ATLAS I First U.S. Stored Program Computer

1951 – ERA 1101 First Commercially Produced Digital Computer for Scientific Applications

TITAN

Athena

THOR DELTA

Space

Shuttle Training

Launch Simulation

$10B