

Dutch computers 1952-1987

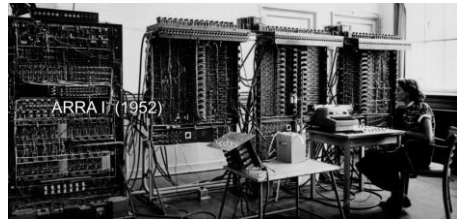
Designed and/or manufactured in the Netherlands

Compiled by: Jan Poessé, UT CSV, April-July 2025, v0.6

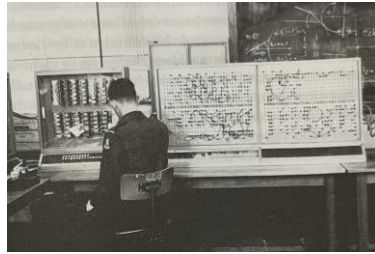
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ARRA is developed
at MC in Amsterdam



Willem van der Poel
designs the ARCO
(Testudo) relais based
computer at TH
Delft/PTT



ARMAC
with Electron Tubes, core memory
and drum memory
Developed at MC



1952

1953

1954

1955

1956



The ARRA II, a
redesigned ARRA by
Gerrit Blaauw at MC
with Electron Tubes
and drum memory



PTERA
Electron Tubes and relais
by Kosten/ Van der Poel
PTT

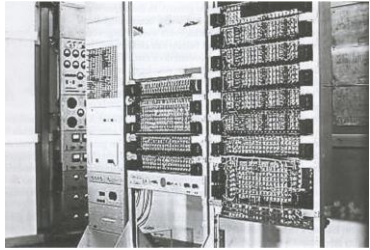


FERTA
version of the ARRA II
for Fokker, built by MC

PETER

Philips Natlab

Electron tubes, fast core memory
designed by Heijn/Slob,
programming by Arie Duijvestijn

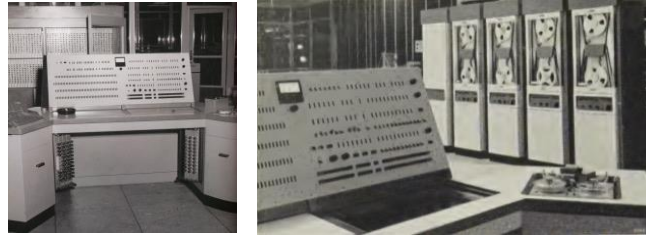


1957

PASCAL/STEVIN

Philips Natlab

Electron tubes, transistors
designed by Heijn/Selman
One of the fastest computers
Used at the Philips Rekencentrum



1959

1958

1961

1960



ZEBRA

PTT, Dr Neher Lab
Electron tubes, transistors
designed by Van der Poel
Manufactured at Stantec, UK



X1

Designed at MC
Transistors based
Manufactured at
Electrologica, Rijswijk



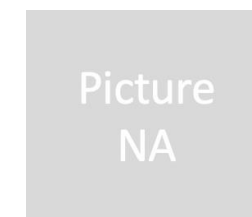
TRANSDECO

Philips CAB
Transistor based
designed by
Jan Scholten



Mona LISA

Successor of
Transdeco
built with logic
sub-assemblies
Philips CAB



P3

Philips Natlab
Transistor only
version of PASCAL
Design Heijn/Selman
Used at MBL

Scholten PII

Educational design by Jan
Scholten for the Philips
International Institute



1962

1963

1964

1965

1966



Friden 6010

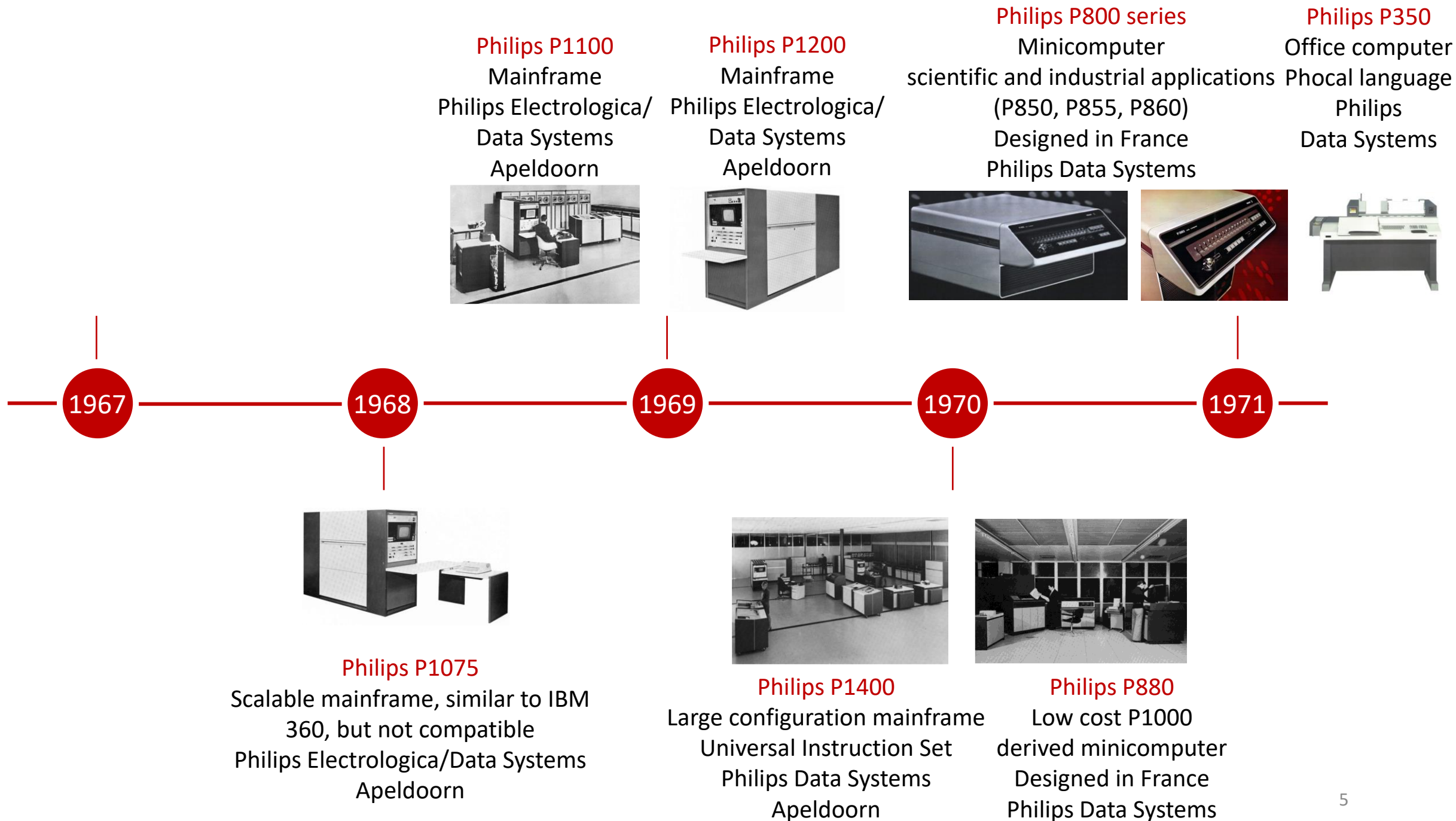
Transistors
Based upon the
Mona LISA from
Philips CAB



X8

Electrologica
Advanced interrupt logic
Edsger Dijkstra developed the THE
multiprogramming system for the X8
Console design by Wim Rietveld





Unidata

Philips Data Systems
is merged in UNIDATA
(Philips, Siemens, CII)

1972

1973

Unidata 7.720

Designed and
manufactured by Philips



1974

1975

Philips P430

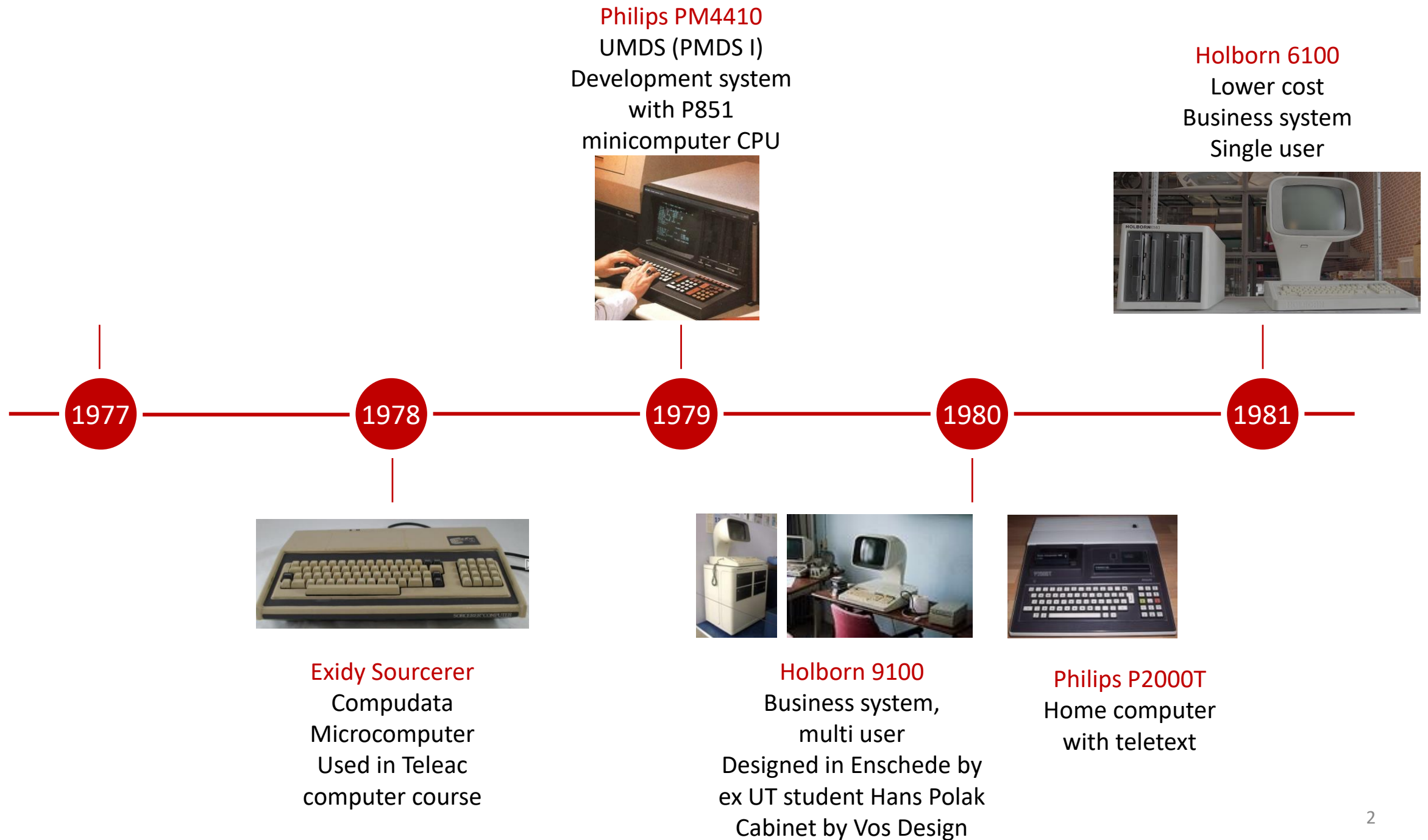
Renamed Unidata 7.720

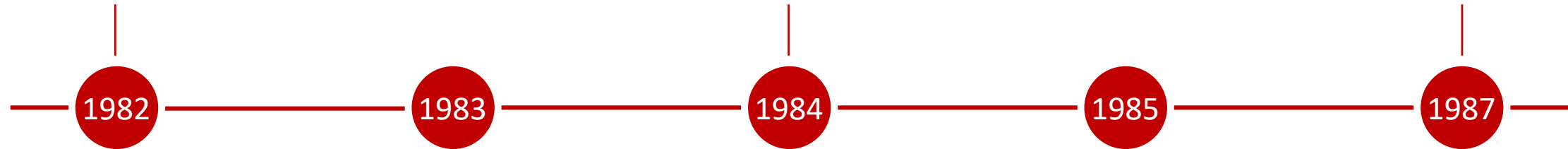


1976

Unidata

The computer company
with Philips participation is
dissolved.
Philips Data Systems
continues.





Sirex
PC clone
with Intel 8088
Ex UT student Herbert Silderhuis
Assembled in Enschede



Philips P2000C
Professional Micro computer with 2xZ80
CP/M based and USCD Pascal
Vienna design



Tulip System I
PC clone
with Intel 8086
Compudata Systems
Den Bosch



Holborn 6500
Business system
Z80, CP/M
Prototype only
Designed in Enschede



Philips :YES
Personal Computer
Intel 80186
with DOS/GEM