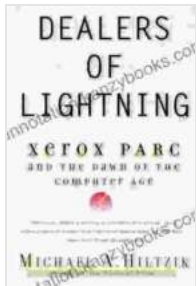


# Xerox PARC: The Dawn of the Computer Age



## Dealers of Lightning: Xerox PARC and the Dawn of the Computer Age by Michael A. Hiltzik

★★★★☆ 4.5 out of 5

Language : English  
File size : 575 KB  
Text-to-Speech : Enabled  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 482 pages  
Screen Reader : Supported



Xerox PARC (Palo Alto Research Center) was a research and development center founded by Xerox in 1970. PARC was responsible for developing many of the technologies that are now commonplace in modern computers, including the graphical user interface (GUI), the mouse, and Ethernet. PARC's work had a profound impact on the development of the computer age and helped to shape the way we use computers today.

## **The Early Days of Xerox PARC**

PARC was founded in 1970 by George Pake, a physicist who had previously worked at the Stanford Linear Accelerator Center. Pake's vision for PARC was to create a center where scientists and engineers could collaborate on long-term research projects.

In its early days, PARC was a hotbed of innovation. Researchers at PARC developed a wide range of new technologies, including the following:

- The graphical user interface (GUI)
- The mouse
- Ethernet
- Laser printing
- Object-oriented programming

PARC's research also had a major impact on the development of the personal computer. In 1973, PARC researchers developed the Alto, the first personal computer with a GUI and a mouse. The Alto was a revolutionary device and helped to pave the way for the development of the modern PC.

## **The Impact of Xerox PARC**

PARC's research had a profound impact on the development of the computer age. PARC's technologies have been adopted by virtually every major computer company in the world. The GUI, the mouse, and Ethernet are now essential features of modern computers.

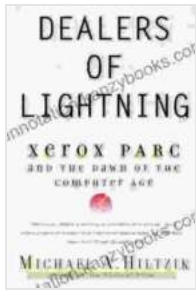
PARC's research also helped to shape the way we use computers today. PARC researchers developed the concept of the "desktop metaphor," which is the idea of using a computer to represent a physical desktop. The desktop metaphor has become a standard feature of modern operating systems and has made computers much easier to use.

## **PARC's Legacy**

PARC's legacy is immense. PARC's research helped to create the modern computer age and has had a major impact on the way we live and work. PARC's technologies are now used by billions of people around the world.

PARC's research continues to have an impact on the development of new technologies. PARC researchers are currently working on a wide range of new projects, including the development of new artificial intelligence technologies.

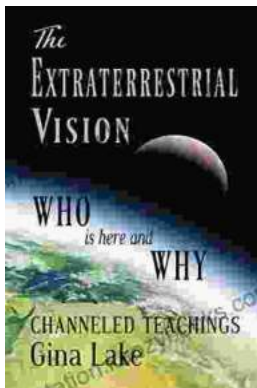
Xerox PARC was a pioneering research center that developed many of the technologies that are now commonplace in modern computers. PARC's research had a profound impact on the development of the computer age and helped to shape the way we use computers today. PARC's legacy continues to inspire researchers and engineers around the world.



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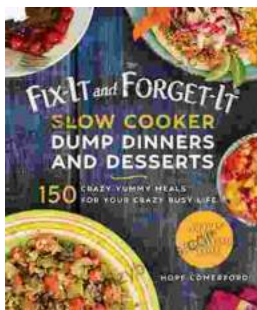
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