May 22: Bob Metcalfe of Xerox PARC documents the conceptual invention of Ethernet—Metcalfe and David Boggs at Xerox, and Tat Lam of TCL build the first experimental Ethernet at 2.94 Mbps.

Ethernet proliferates within Xerox PARC as the means of communication between Xerox Alto computers and other facilities within PARC.

Patent filed for Ethernet by Bob Metcalfe, David Boggs, Chuck Thacker, and Butler Lampson.

Bob Metcalfe and David Boggs publish "Ethernet: Distributed Packet Sw itching for Local Computer Networks".

Xerox Ethernet-connected "Office of the Future" demonstrated at Xerox world-wide sales meeting in Boca Raton, Florida.

Xerox develops X wire, a 10 Mbps Ethernet running on thick 50 Ohm coaxial cable.
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1979</td>
<td>IEEE Project 802 committee to develop local area networking standards (first time)</td>
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<tr>
<td>1980</td>
<td>Digital/Intel/Xerox consortium publishes &quot;Blue Book&quot; Ethernet Specification V1.0</td>
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<td>1981</td>
<td>Urged by Metcalfe, David Liddle of Xerox persuades Digital/Intel/DEC and Phil Kaufman of Intel to jointly develop an Ethernet specification based on Xerox Ethernet name reestablished Ralph Ungermann and Charlie Bass found Ungermann Bass to develop Ethernet-based terminal access products</td>
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<td>1982</td>
<td>Myfield Fund, New Enterprise Associates, and Melior Venture Management lead $1.1 million first round financing for 3Com</td>
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<tr>
<td>1983</td>
<td>Interian founded to develop Ethernet components</td>
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<tr>
<td>1984</td>
<td>Excelan founded to develop Ethernet components</td>
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<tr>
<td>1985</td>
<td>Novell founded to develop software to run on Ethernet</td>
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<td></td>
<td>First edition of IEEE 802.3 published as the IEEE version of Ethernet</td>
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<td></td>
<td>Synoptics founded to develop fiber optic and twisted-pair Ethernet hubs</td>
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<td></td>
<td>Early NIC has both COAX and RJ-45 support</td>
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<td></td>
<td>ISO acts to adopt IEEE 802.3 as an ISO/IEC Standard</td>
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<tr>
<td></td>
<td>IEEE 802.3 is approved as an ANSI Standard</td>
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<tr>
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<td>Cisco founded to develop router products</td>
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1993
Cisco acquires Crescendo to enter the Ethernet Switch business

3Com acquires BICC Data Networks
100 Base T wars capture 802.3, 802.12 created for 100VG AnyLAN

1994
Cisco acquires Kalpana
Synoptics and Wellfleet merge to form Bay Networks
Netscape Navigator 1.0 released for free to make the World Wide Web broadly accessible

1995
Granite Systems founded to develop Gigabit Ethernet Products
Compaq acquires Networth
3Com acquires Chipscom
Cisco acquires Grand Junction Networks
IEEE Std 802.3u (1000Base-T) and 802.12 100VG AnyLAN approved simultaneously
Multiple companies introduce 10/100 Ethernet adapters

Outlook boom starts, first Voice over IP, NSFNET commercial networking takes off

1996
Ethernet switch market exceeds $1 billion

10/100 Ethernet highly successful, swamps out 100 VG AnyLAN

Altron, Extreme, Foundry, Packet Engines, Prominent, Rapid City, Yago founded to develop Gigabit Ethernet Equipment
Cisco acquires Granite Systems as Gigabit play

1997
Ethernet turns 25 years old
Lument acquires Prominent
Bay acquires Rapid City

1998
Ethernet switch market exceeds $4 billion

1999
Work starts in 802.3 on Power over Ethernet (PoE)

Ethernet Technology Summit
IEEE Std 802.3ad
Link Aggregation agreement, Parallel links for trunking
Ethernet switch market exceeds $10 billion

IEEE Std 802.17
Resilient Packet Ring (port of Ethernet format packets) has first meeting

IEEE Std 802.3af approved
15 Gigabit Ethernet approved, standardizes both LAN PHY and WAN PHY

IEEE Std 802.3af approved
Power over Ethernet provides up to 12.95 watts delivered over CAT3/5/6 cabling

IEEE Std 802.3af approved
802.3 TSB/EBASE-CHS approved and yields low cost/high speed/short reach copper links
IEEE Std 802.17 published
Facebook launched

YouTube founded
Ethernet switch market ships 1 billionth port

Twitter begins
Ethernet switch market exceeds $15 billion
IEEE Std 802.3, 2008 Revision
published as 5 volume set

- Backplane Ethernet approved as IEEE Std 802.3ap supports numerous applications

IEEE Std 802.3at approved
Power over Ethernet Plus (PoE+) supports up to 30.5 watts over CAT5/6 cabling
Ethernet switch market ships 2 billionth port

IEEE Std 802.3bt approved for 40G & 100G Ethernet
CP module is released to support 40GbE and 100GbE
CP module is released to support 100BASE-SR10
Ethernet switch market exceeds $20 billion

IEEE Std 802.3ba approved for 40G & 100G Ethernet
CFP module is released to support 40GbE and 100GbE
CFP module is released to support 100BASE-SR10
Ethernet switch market ships 3 billionth port
Amendments 802.3bt to support Time Synchronization Protocols, and 802.3b, to support Serial Operation over Single Mode Fiber at 40 Gb/s, approved

IEEE Std 802.3bj, 2013 Revision
published as 6 volume set

- 100GbE Backplane and copper cables approved as 802.3bj
- Projects in the works for automotive applications and even higher speeds