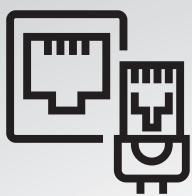


# The Rise of Industrial Ethernet



Ethernet was developed in 1973<sup>1</sup> by XEROX.



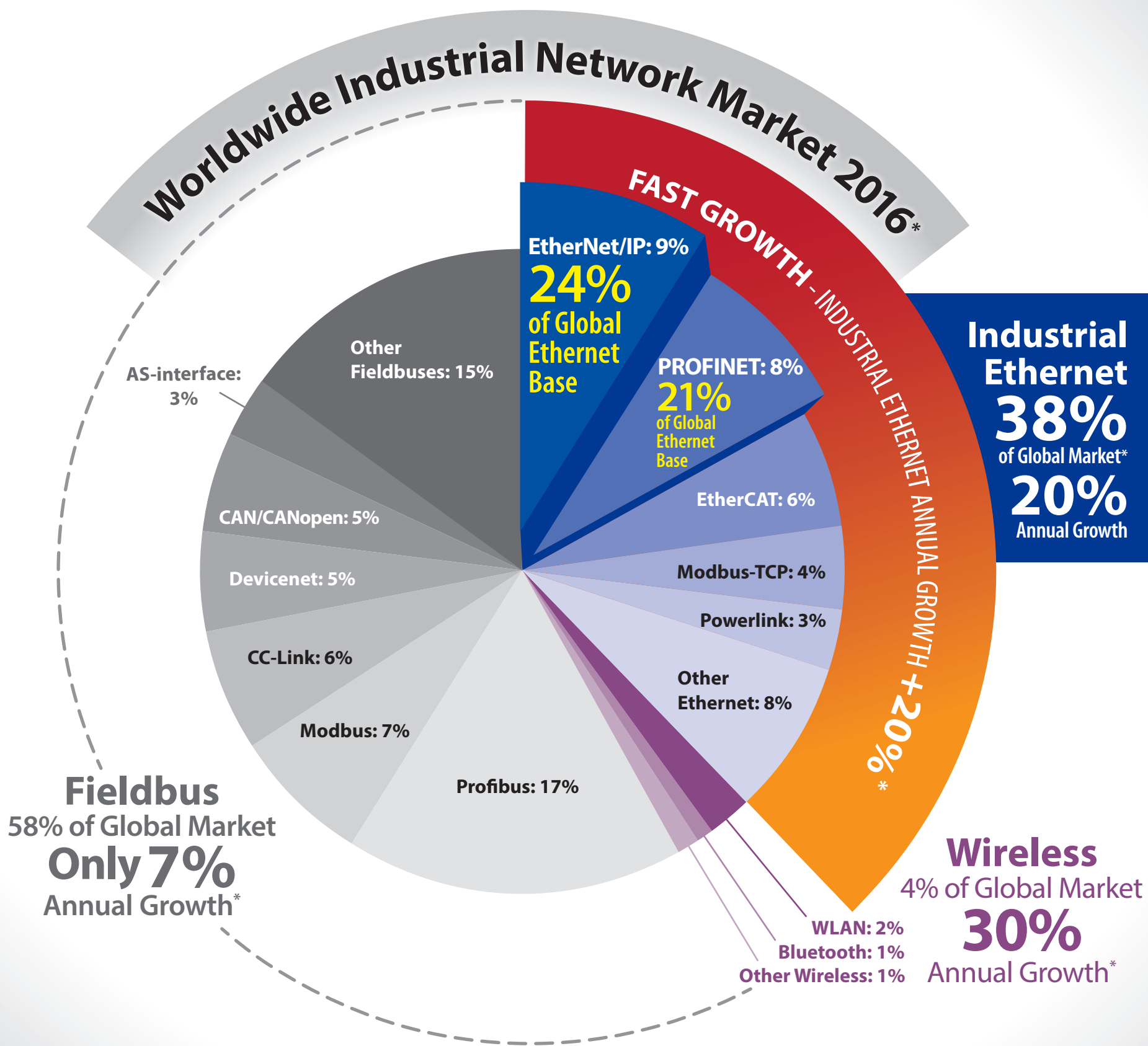
Industrial Ethernet is growing at an average of **8.6%** Yearly.\*



HMS estimated the industrial Ethernet market to be worth **\$1.43B** in 2014.<sup>2</sup>



Ethernet is growing at 3 times the rate of legacy fieldbus networks. **(20% vs 7%)\***



**The two largest** industrial ethernet networks are EtherNet/IP and Profinet.



**Did you know:**

More deterministic performance is being achieved with Ethernet through higher communication rates and improved protocol standards. IEEE 1588 provides a protocol for precision clock synchronization for time sensitive tasks.<sup>3</sup>

Ethernet is quickly displacing DeviceNet™ and Modbus.\*



**Profinet** dominant in Europe\*



**EtherNet/IP** dominant in United States\*



800.993.3326

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\*Industrial network market shares 2016 according to HMS. 1 Industrial Ethernet, Second Edition. Marshall and Rinaldi. 2 Control Engineering. 2015. Ethernet components market continues to expand 3 Coming Soon to Your Ethernet Network: Time Sensitive Networking