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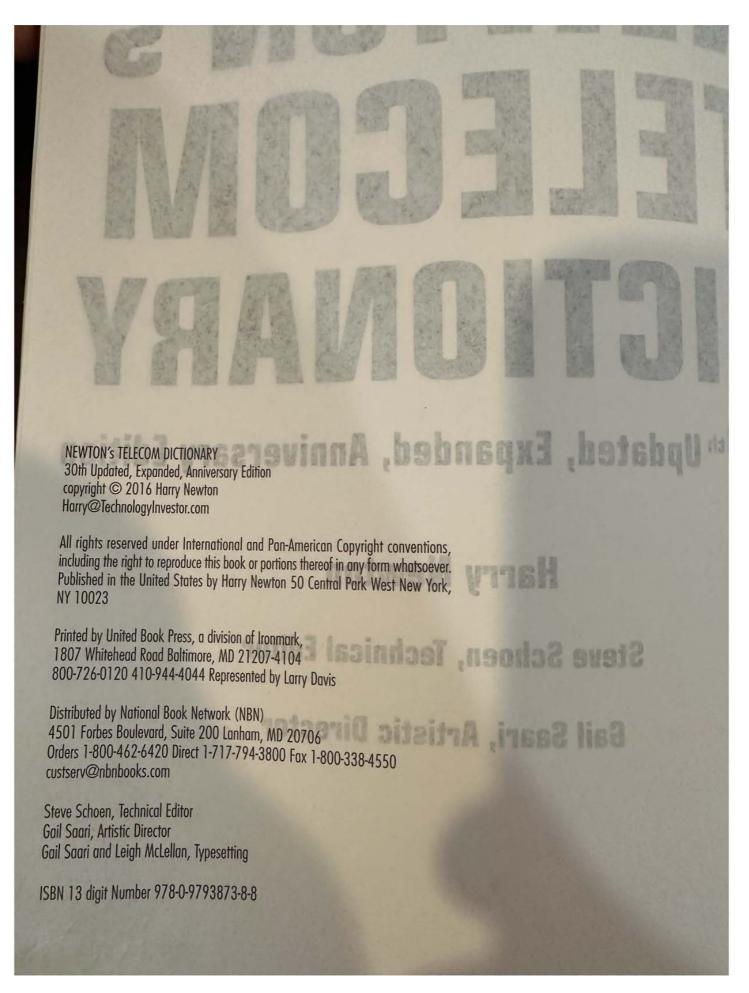
## NEWTON'S TELECONA DICTIONARY

30<sup>th</sup> Updated, Expanded, Anniversary Edition

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29,019 TERMS DEFINED
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Harry Newton with Steve Schoen



846 | multi-tester • multifactor authentication multi-tester Usually an alternate name for VOLT-OHM-MILLIMETER, but may also analyses other MAINTS EXPRESSION ASSESSMENT OF THE PROPERTY OF TH

also apply to other MULTI-FUNCTION testing devices.

multi-fier tariffs A way of paying for something (i.e. equipment) from your local phage company. local phone company. The idea is that one fier of your monthly payments is to pay off the equipment, and after a finite period, this tier payment drops to zero. The next fier is to pay for your monthly service and it is ongoing. Other tiers are for other reasons. As this technique was practiced by the Bell System, it was called "two tier." You will no longer find two fier tariffs in common use. multi-touch An interactive touch-screen technology in some smartphones (including the iPhone and the iPad) that supports two-linger gestures, such as a pinching, which reduces the magnification of the screen display, and spreading the opposite of pinching), which increases the magnification of the screen

multi-user PC A microcomputer that has several terminals attached to it, so that multiple users can simultaneously use its resources. Multi-user PCs can either slice up the time of a single microprocessor or can give each terminal-based user his own microprocessor. Multi-user PCs are an alternative to LANs and are typically used in specialized, one application solutions, such as a doctor's office

multi-user software An application designed for simultaneous access by two or more network nodes, i.e. two or more users on a network. It typically employs file and/or record locking. It is not associated with multi processing,

nor does it require multi processing to implement. multi-user telecommunications outlet assembly A grouping in one location of several telecommunications outlets/connectors.

Multi-Vendor Integration Protocol See: MVIP.

Multi-Wavelength Optical Repeater See MOR.

multi-way communication A multimedia definition. Multi-way communication goes between two people, or between groups of people in all directions. Multi-way communication can be in real-time, or in store-and-forward mode. Examples of multi-way communication include a video conference, where one individual is giving a presentation to a group of people who listen and ask questions from their workstations; and group conferencing, where several people collaborate, supported by audio, video, and graphics on their workstation

multiangulation A method of locating the source of a radio signal through the use of multiple receivers, each of which focuses on the direction of maximum signal strength. Through the use of multiple receivers, it is possible to plot the general location of the transmitter, even though some radio signals may bounce off and are absorbed by physical obstructions such as buildings, trees and cars. This process uses the angle of arrival of the received radio signals. When three radio receivers are used for this process, it is called triangulation.

multicast 1. Sending data to many places. Also spelled multi-cast. Multicast allows messages to be sent to a selected group of workstations on a LAN, WAN or the Internet. Multicast is communication between a single device and multiple members of a device group. For example, an IPv6 router might address a series of packets associated with a routing table update to a number of other routers in a LAN internetwork. Similarly, a LAN-attached workstation might address a transmission to a number of other LAN-attached devices. Companies are discovering they can distribute material to large numbers of employees and others on their intranets more efficiently using multicast than they can by sending such material in separate bursts to each user. In multicast mode, routers distribute a given file to all hosts that have signaled they want to receive the material, using the Class D addresses of the IP addressing hierarchy. The message is sent from the transmitter down the tree only to those nodes that need to receive it in order to further distribute it to downstream nodes, from those nodes only to those that need to receive it in order to further distribute it to downstream nodes, and so on. At each of those points, the message is replicated and retransmitted only as necessary. Multicasting is much more efficient in many applications than is either broadcasting or unicasting. See also Multicast and Multi-Cast Packets and

2. A TV term that simply means more channels will be available for viewers.

It's often used to refer to the explosion of special inter It's often used to refer to the scene and uses the CAN around when digital TV hits the scene and uses the CAN around when digital TV hits the explosion of channels are around when urgans are that the explosion of changes will be its programs. I suspect that the explosion of changes will be its programs. I suspend than the state of th multicast address resolution server See MAKS multicast backbone Mbone. A method of mong the Internet in real time. The TCP/IP protocols used for the Internet in the audio or video; they were are unsuitable for real-time audio or video; they were detected the reliably, but with some delay. MRNIC are unsuitable for recommendation of their files reliably, but with some delay. MBONE fearthone service with special hordware and other and other thes remove, another backbone service with special hordware and software and software backbone service transmissions; the existing internet backbone another backburne services ons, the existing Internet hardes on time-critical transmissions.

time-critical transmissions.

multicasting Sending data to a group of destinations at one way.

The use of a common channel to make home to be the sending to the sending t multichannel The use of a common channel to make the a multichannel The wild indicate the common channel to make the a common channel to make the accommon channel to make the common channel to make the co Frequency Division Multiplexing (FDM) accomplishes this to see quency band of the common channel into several nanours back in Multiplexing (TDM) divides the entire channel into time state Multiplexing Windows II who multichannel aggregation A feature under Windows II who multichannel aggregation have nhone lines for the same town. users the option of using two phone lines for the same removes you double bandwidth, thus making their session go twice is bo multichannel audio digital interface See MAN

multichannel operator A generic term that encomposses with telco TV providers, and satellite TV providers. The term much because these operators deliver multiple TV channels to assess over-the-air TV broadcaster, which delivers only a single TV drops multichannel subscriber A subscriber to a pay TV service from the company, satellite TV operator, or telco TV operator

multichannel transmitter A transmitter using low-level and niques to process many channels at the same time

multichannel video programming distributor MVD. A language the Telecommunications Act of 1996 and by the FCC for a service production delivers subscription TV services, such as a cable TV company, because satellite (DBS) provider, and telco TV provider.

MULTICS MULTiplexed Information and Computing System, In the miles MULTICS was the focus of a huge development effort sponsored by Mile sachusetts Institute of Technology), Bell Telephone Laboratories and in Electric. The idea was to develop a "computer utility" that would probe puting resources to the population of an entire city or area—in area terms, we would describe this as a multi-user time-share system. a failure. When Bell Labs pulled out of the project, Ken Thompson, Issue and a few other Bell Labs programmers developed UNICS, a singless of MULTICS. UNICs later became known as UNIX. See UNIX

multicore phone A phone with multiple processors. Such a phone called a smartphone — has one or more processors for general graphics processor, and a processor for multimedia. When the this dictionary hit the stands in 1984, the only multicole system minicomputers, mainframes, and supercomputers. Who would be back then that phones would ever become multicore systems have have thought that a phone would ever have even a single pression smartphones — iPhones, Blackberrys, Androids, etc.—are not stable than many than most computers were in 1984.

multidrop Also known as a point-to-multipoint circuit, a minimal one point of termination on one end, and multiple points of the other and first the ot the other end. For example, a hospital in Detroit leases a printing going to NYC (New York City) to connect the Detroit primary the small and the small an the smaller host computers in each of four NYC hospitals. The end" in Doctor end" in Detroit connects to NYC, where there are four drags, and multifactor. multifactor authentication I enter my user name and my the site may also ask for the number that showing on a said ask generator gadget I'm carrying with me. Or the site may ask me cell phone for a sure that showing on a sure cell phone for a sure that showing on a sure cell phone for a sure that showing on a sure cell phone for a sure c cell phone for a number that I just got texted from the site. When every time want to all every time want to add someone new to my list of people and

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al through the of maximum ale to plot the It's often used to refer to the explosion of special interest channels that will be around when digital TV hits the scene and uses the CATV network to transmit its programs. I suspect that the explosion of channels will lend new meaning to Johnny Carson quips about channels for "one-eyed, one-legged transvestites."

multicast address resolution server See MARS.

multicast backbone Mbone. A method of transmitting digital video over the Internet in real time. The TCP/IP protocols used for Internet transmissions are unsuitable for real-time audio or video; they were designed to deliver text and other files reliably, but with some delay. MBONE requires the creation of another backbone service with special hardware and software to accommodate video and audio transmissions; the existing Internet hardware cannot manage time-critical transmissions.

multicasting Sending data to a group of destinations at once. See multicast, multichannel The use of a common channel to make two or more channels. Frequency Division Multiplexing (FDM) accomplishes this by splitting the frequency band of the common channel into several narrower bands. Time Division Multiplexing (TDM) divides the entire channel into time slots.

**multichannel aggregation** A feature under Windows NT which gives remote users the option of using two phone lines for the same remote session. This way you double bandwidth, thus making their session go twice as fast.

multichannel audio digital interface See MADI.

multichannel operator A generic term that encompasses cable TV providers, telco TV providers, and satellite TV providers. The term multichannel is used because these operators deliver multiple TV channels to customers, unlike an over-the-air TV broadcaster, which delivers only a single TV channel.

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MULTICS MULTiplexed Information and Computing System. In the mid-1960's, MULTICS was the focus of a huge development effort sponsored by MIT (Massachusetts Institute of Technology), Bell Telephone Laboratories and General Electric. The idea was to develop a "computer utility" that would provide computing resources to the population of an entire city or greating in contemporary terms, we would describe the state of the population of an entire city or greating in contemporary terms.

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