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Expanded & Updated Edition

Newton's Telecom Dictionary

by Harry Newton

The Official Dictionary of Computer Telephony, Telecommunications, Networking, Data Communications, Voice Processing and the Internet

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consoles your chosen PBX can use.

MULTIPLE CUSTOMER GROUP OPERATION A PBX shared by several different companies, each having separate consoles and trunks.

MULTIPLE DOMAINS A set of domains on a single LAN, each of which has its own domain-wide post office. Hosts within each domain can exchange mail by going through one domain post office. Hosts in different domains must generally send mail though two intermediary post offices: the sender's domain post office and the receiver's domain post office.

MULTIPLE FREQUENCY-SHIFT KEYING MFSK. A form of frequency-shift keying in which multiple codes are used in the transmission of digital signals. The coding systems may use multiple frequencies transmitted concurrently or sequentially.

MULTIPLE HOMING Connecting your phone so it can be served by one or several switching centers. This service may use a single directory number. It may also use several directory numbers (another term for phone numbers). It all depends on how you set the service up with your local phone company. The idea is to give you more ways of reaching the switched network — in case one or more of your local loops breaks.

MULTIPLE LISTED DIRECTORY NUMBER SERVICE Permits more than one listed directory number to be associated with a single PBX.

MULTIPLE NAME SPACES The association of several names or other pieces of information with the same file. This allows renaming files and designating them for dissimilar computer systems such as the PC and the Mac.

MULTIPLE PARALLEL PROCESSING A method of fault tolerance used with host computers. Several CPUs cooperate to process data. It one CPU fails, its processing tasks are automatically assigned to other processors.

MULTIPLE PROTOCOL ROUTER A communications device designed to make decisions about which path a packet of information will take. The packets are routed according to address information contained within, and can route across different protocols.

MULTIPLE ROUTING The process of sending a message to more than one recipient, usually when all destinations are specified in the header of the message.

MULTIPLE SPOT SCANNING In facsimile systems, the method in which scanning is carried on simultaneously by two or more scanning spots, each one analyzing its fraction of the total scanned area of the subject copy.

MULTIPLE TOKEN OPERATION Variant of token passing for rings in which a free token on a LAN is transmitted immediately after the last bit of the data packet, allowing multiple tokens on ring (but only one free token) simultaneously.

MULTIPLE TUNED ANTENNA An antenna with connections through inductances to ground at more than one point and so determined that the total reactances in parallel are equal to those necessary to give the antenna the desired natural frequency.

MULTIPLEX To transmit two or more signals over a single channel.

MULTIPLEX AGGREGATE BIT RATE The bit rate in a time division multi-

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