SOUL'S DIGITAL IP ON ETHERNET

DDE Service Overview

Soul's Digital IP on Ethernet (DDE) offers customers dedicated high-speed access to the Soul MPLS network using industry standard and proven Ethernet and Clear Channel E1 technology. Soul offers symmetrical 2Mbps access from 256Kbit to 2Mbit with the full range of features and benefits associated with a MPLS network. The DDE Product comprises of a X.163 transmission from any Soul IP POP directly to the customers premises where Soul complements the service with its 'Soul' branded Network Termination Unit (NTU) presenting the customer with a 10BaseT Ethernet connection. Each service is capable of 2Mbps symmetrical speeds, Soul are able to upgrade the service without any hardware modification to the CPE or Soul POP as upgrades comprise of software configuration changes only, thus giving the customer a highly scaleable service.

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Hardware Requirements

As a minimum, a device capable of terminating a 10BaseT Half Duplex Ethernet connection is required for the Soul DDE Product. Soul suggests that a Cisco router is installed as the CPE, as it offers a greater level of configuration enhancements relative to other equipment. Typically, the hardware installed at the customer premises is the responsibility of the customer or customers integrator and falls outside the responsibility of Soul.

Interface Specifications

Each DDE service delivered to the customer will require a NTU at the customer's premises, which converts the clear channel E1 service to Ethernet. This unit is pre-configured for the DDE service to operate on the Soul network. The interface for DDE is a 10BaseT Half Duplex Ethernet and requires an Ethernet cross over cable to be connected between the NTU and the customer's equipment.

For more information on a Soulsolution
CALL 1300 13 34 64
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Soul's Digital IP on Ethernet has been designed to carry mission-critical voice and data applications and supports a complete range Quality of Service (QoS) options. The Private Network QoS features enables customers to control and service a variety of network applications and traffic types across the WAN. By using QoS features, networks can be tuned to optimum efficiency while providing predictabilitly for time-sensitive and mission-critical applications.

Customer End (CPE)

Overview

This part of the technical specification for DDE is intended to detail the requirements and specifications for the customer end equipment or otherwise known as the Customer Premises Equipment (CPE). The CPE end is any network device or location outside Soul's realm of responsibility. For example, a customer's router or other network equipment located at a customer's site.