分散式數位交換機集中維運之研究=centralized operation and maintenance for distributed digital switching systems

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摘 要

傳統交換機之維運，均採現場操作方法，耗費時間、人力和物力。由於電腦網路之發達，使得資料與訊息的傳遞無距離可言。本研究提出一個對現階段數位交換機維運採遠端控制之有利方式，對未來語音、資訊交換網路之整合維運體系建立一雛形。利用無遠弗屆之電腦網路組織，架上Telnet之Client/Server架構，將分散各地之數位交換機系統，給予維運組織整合，精簡維護人力，變成集中維運體系。除更新數位電話交換機維運架構外，更有利未來電話網路IP化之交換機整合維運架構，解決了未來低成本、高維運專業、高組織彈性化之維運體系需求。

關鍵詞 : 數位交換機 ; 主從架構 ; 集中維運 ; Internet ; TCP/IP

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