Enterprise SIP Trunk
企業SIP Trunk

Next Generation VoIP Service
新世代VoIP服務

Enterprise SIP Trunk from HKBN Enterprise Solutions (HKBNES) is a fully designed solution that supports a full range of business communications using fibre network. It significantly reduces telecom overheads while offering a rich array of features, and enables direct service provided to enterprise connections of IP PBX. Our Enterprise SIP Trunk uses direct SIP-to-SIP connection to public switched telephone network (PSTN) for better call quality without converting from Time-division multiplexing (TDM)

香港寬頻企業方案(HKBNES)的企業SIP Trunk經過精心設計，透過光纖網絡為客戶提供全方位支援各種商務通訊，其多元化性能能有效減低日常通訊開支，並可以網絡電話交換機(IP PBX)直接連繫服務供應商和企業。企業SIP Trunk採用直接SIP對SIP連繫，接通公共交換式電話網絡(PSTN)，毋須經分時多工(TDM)線路轉駁
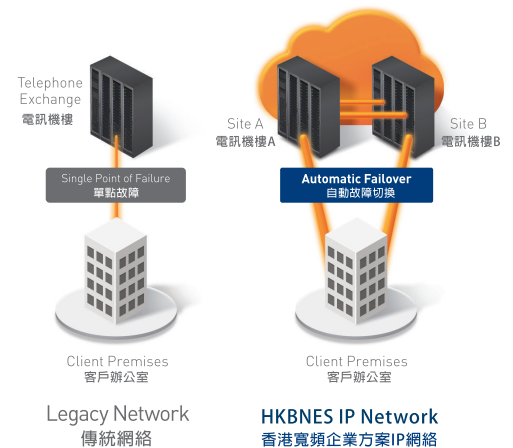
Features and Benefits
功能及優點

Geographic Redundancy Exchange
加強穩定性

Every call is a business opportunity. HKBNES SIP Trunk actively monitors the connection between client premises and telephone exchange sites. Connection is automatically re-routed as soon as connection faults are detected on the current network ensure stability

每一個來電，都可能是一個商機。HKBNES時刻為客戶監控辦公室與電訊機樓的訊號連接，並會在偵測到問題時，自動將訊號即時轉駁至另一電訊機樓，確保客戶訊號網絡穩定性

Telephone Exchange 電訊機樓 | Site A 電訊機樓A | Site B 電訊機樓B
Single Point of Failure 單點故障 | Automatic Failover 自動故障切換
Client Premises 客戶辦公室 | Client Premises 客戶辦公室
Legacy Network 傳統網絡 | HKBNES IP Network 香港寬頻企業方案IP網絡

Efficient Multi-site Interconnection
彈性撥號

Companies with multiple offices no longer need to navigate complex tie line services to route incoming calls and manage numbers. With Enterprise SIP Trunk, multiple offices are treated as one logical Direct Inward Dial (DID) group, connecting all locations as one seamless and easily managed voice network
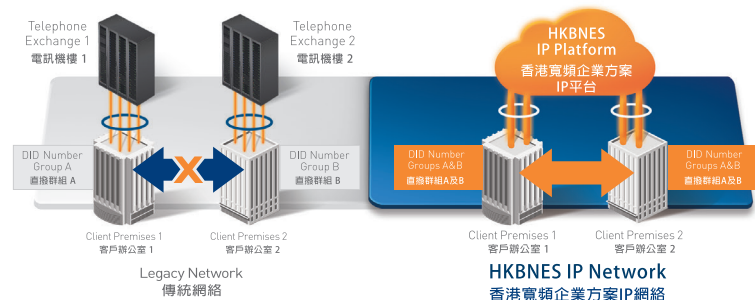
即使公司業務網絡廣泛，分部眾多，也不必依賴繁複的線路網絡來轉駁來電及管理電話號碼。企業SIP Trunk服務將不同辦公室的電話統籌為單一直撥群組(DID)，拉近各分部的通訊聯繫，建立易於管理的通話網絡

On-demand Burstable Channels
彈性頻道選項

Allows ad-hoc campaigning through quickly implemented, highly scalable call completion rates; all without requiring long-term investment in extra channels

服務系統安裝簡便快捷，能靈活變更通信設定，讓客戶可隨時為業務需要作出調動，毋須為添置頻道進行長期投資

Telephone Exchange 1 電訊機樓 1 | Telephone Exchange 2 電訊機樓 2 | HKBNES IP Platform 香港寬頻企業方案IP平台
DID Number Group A 直撥群組 A | DID Number Group B 直撥群組 B | DID Number Groups A&B 直撥群組A及B | DID Number Groups A&B 直撥群組A及B
Client Premises 1 客戶辦公室 1 | Client Premises 2 客戶辦公室 2 | Client Premises 1 客戶辦公室 1 | Client Premises 2 客戶辦公室 2
Legacy Network 傳統網絡 | HKBNES IP Network 香港寬頻企業方案IP網絡

Flexible Scaling
按需要擴充頻道

With Enterprise SIP Trunk, scaling to meet the extra call capacity of a growing business is quick and effortless, and requires no additional wiring or trunk card investment

透過企業SIP Trunk服務，客戶可輕鬆便捷地增減電話頻道數量，而毋須為增加頻道而添置任何額外線路或IDAP介面卡

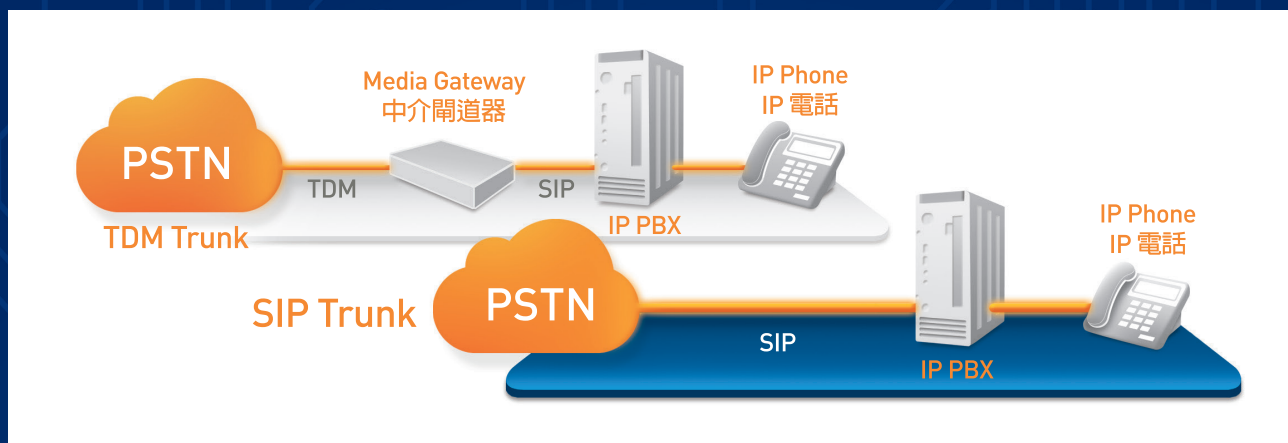| Legacy T1 For Daily Operation Only 傳統T1服務僅供日常運作	SIP Trunk Ad-hoc Campaing Available SIP Trunk服務可隨時靈活調配
3 x T1 / 69 channels 3 x T1 / 69 條頻道	SIP Trunk / 60 channels + Ad-hoc 30 channels = 90 channels SIP Trunk / 60條頻道 +30條臨時頻道 = 90條頻道

How It Works
技術概覽

Media Gateway
中介閘道器

IP Phone
IP 電話

PSTN

TDM Trunk

TDM

SIP

IP PBX

SIP Trunk

PSTN

SIP

IP PBX

IP Phone
IP 電話

Breaking the Limitations of T1 打破T1限制

IDA-P
綜合數碼接駁服務IDA-P

Scale up by trunk only, increments at 24 channels per step
只能根據線路按比例增加通訊頻道，每次只可增加24條頻道

Limited to 24-channels per trunk and the need to install T1 cards circuits
每條線路只提供24條頻道，同時需要安裝T1介面卡

Require additional IDA interface card
需要額外綜合數碼接駁服務(IDA)介面卡

Enterprise SIP Trunk
企業SIP Trunk服務

Highly dynamic channels, clients subscribe to what they need
高效互動通訊頻道，切合客戶所需

No limitations to the number of channels in the trunk, much faster to expand
線路可容納無限頻道，可以快速擴充

Lower CAPEX, no additional interface card required for channel expansion
擴充頻道時，毋須額外介面卡，減低資本支出

Address Your Business Needs 迎合您的業務所需
- **Centralised management** reduces operational complexity and cost
  中央通訊管理 精簡營運過程及業務成本
- **Integrated communication service** works alongside existing business systems and applications
  綜合通訊方案 兼容現有業務系統及軟件
- **Fully scalable flexibility** allows adding enhanced features and functionality to meet changing needs
  靈活多變服務 可因應業務需求增加功能配置