



Skype  
for Business

One Voice for Skype for Business  
family





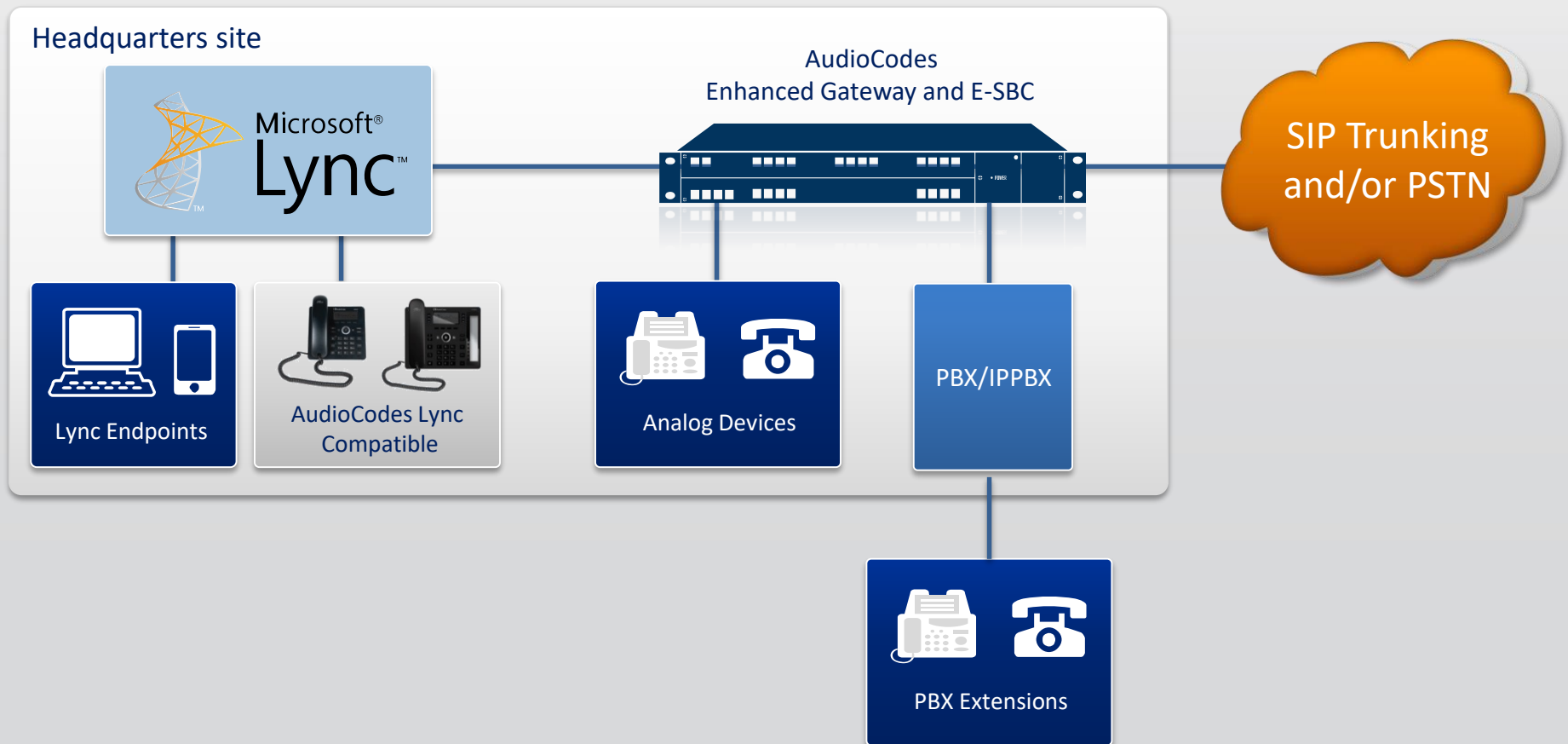
Skype  
for Business

簡介

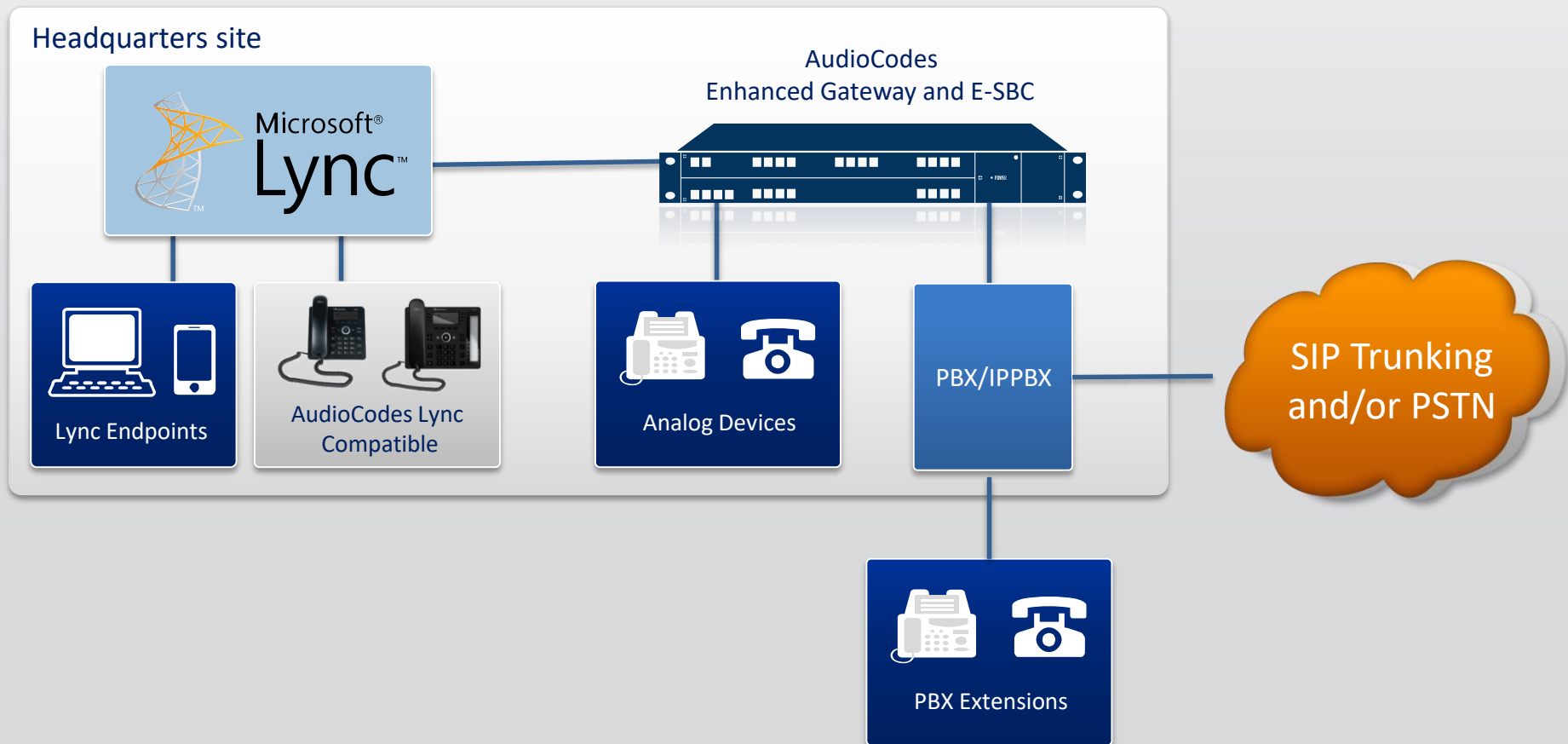
AudioCodes  
Gateway, SBC



- 典型Lync 主要整合交換機架構之一 (up-stream)
  - Gateway/SBC 位於PSTN線路進線端，由Gateway分配話務至現行交換機或是Lync。
  - 此架構易於汰換老舊交換機



- 典型Lync 主要整合交換機架構之二 (down-stream)
  - Gateway/SBC 位於現行交換機與Lync之間。PSTN由現行交換機進線。
  - 現行交換機仍控制話務轉接與進線，Lync僅為整合角色。



## Non-HA gateway


| 產品   | PSTN 界面           | 語音通道數 |
|--|-------------------|-------|
| Mediant 500L<br>   | FXS/FXO/BRI       | 8     |
| Mediant 500<br>    | FXS/FXO/BRI/E1/T1 | 30    |
| Mediant 800<br>    | FXS/FXO/BRI/E1/T1 | 60    |
| Mediant 1000<br> | FXS/FXO/BRI/E1/T1 | 120   |
| Mediant 2000<br> | E1/T1             | 480   |

## HA gateway

| 產品  | PSTN 界面                | 語音通道數 |
|---|------------------------|-------|
| Mediant 3000<br>     | E1/T1/T3/OC3/<br>STM-1 | 2016  |
| Mediant 5000/8000<br> | E1/T1/T3/OC3/<br>STM-1 | 16128 |

- 適用於各種數量規格需求的 VoIP Gateways
- 經過驗證的卓越聲音品質
- 穩健維持的性能(Robustness)
- 適應各種不同的整合環境
- 豐富的功能

## SBCs

| 產品  | 市場        | 最大SBC容量 |
|---|-----------|---------|
| Mediant 2600<br> | 中小企業      | 600     |
| Mediant 4000<br> | 大企業, 電信業者 | 5,000   |
| Mediant 9000<br> | 大企業, 電信業者 | 24,000  |
| Mediant VE<br>   | 虛擬機環境     | 6,000   |
| Mediant SE<br>  | 大企業, 電信業者 | 24,000  |

## Hybrid SBCs (IP and TDM)

| Product   | Target Market | Max. SBC Sessions | Max. TDM Channels |
|---|---------------|-------------------|-------------------|
| Mediant 500<br>   | 中小企業          | 250               | 30                |
| Mediant 800B<br> | 中小企業          | 250               | 60                |
| Mediant 1000<br>  | 大企業           | 150               | 192               |
| Mediant 3000<br> | 大企業           | 1,000             | 2,016             |

### 多樣化、強大的效能

- 容量 – 50K sessions, 180K users
- 大容量 transcoding
- SBC license pool
- 支援 WebRTC

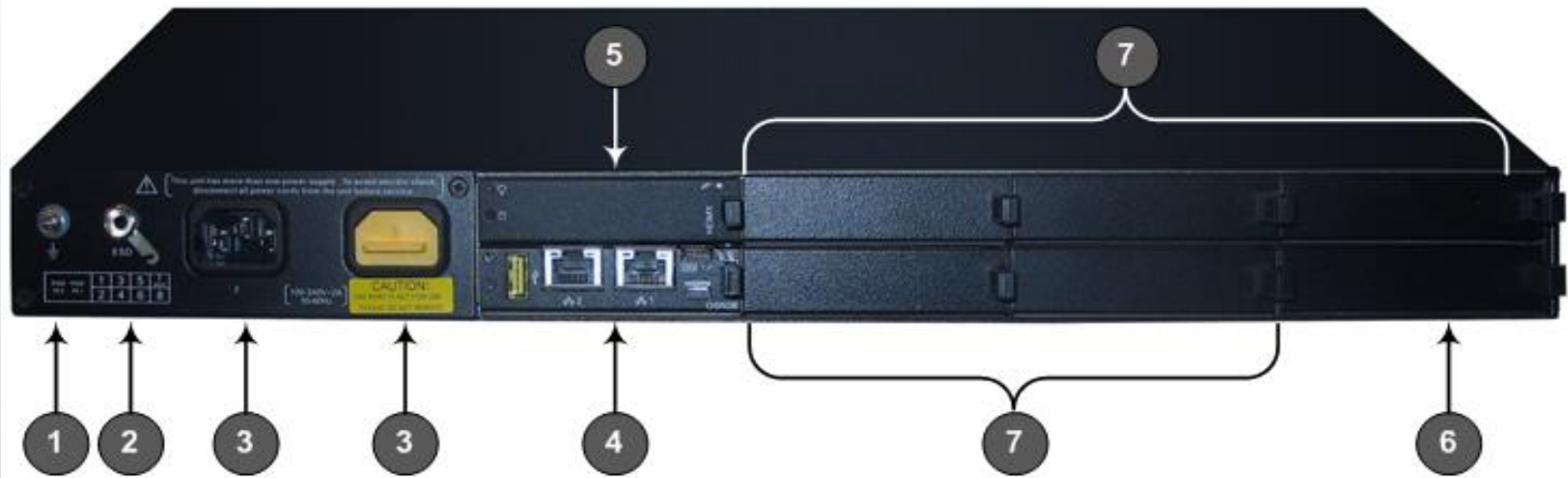
- Mediant™ 1000 係一模組化設計的Gateway/SBC, 可容納多樣的介面 (TDM) , 用以界接不同的設備/環境



- PRI Modules
- BRI Modules
- Analog modules (FXS or FXO )
- Media Processing Module
- WAN/LAN Module
- OSN Server







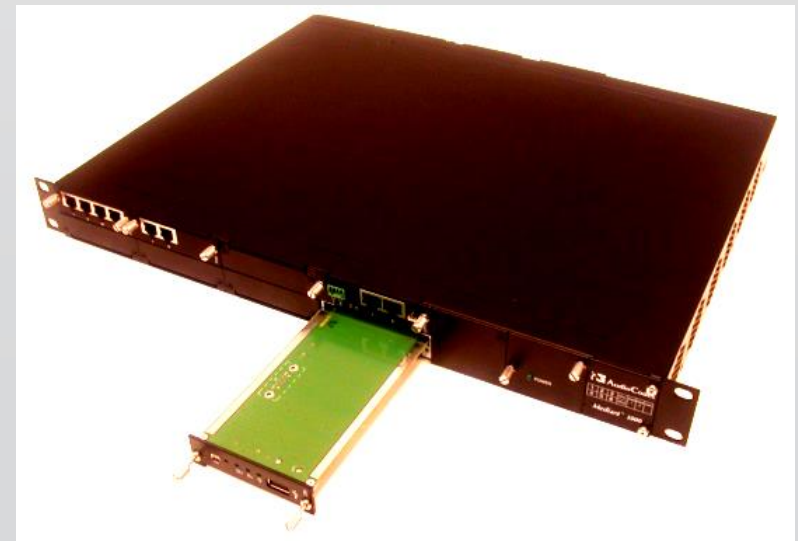
- Single OSN server
- Up to 2 hard drives (can work in Raid1)
- Slot #4 – OSN AMC module
- Slot #5 - Main hard-drive AMC module
- Slot #6 - Second (optional) hard-drive

- OSN –
  - 即插即用的伺服器模組- 可安裝第三方相關應用程式
  - 支援不同作業系統(Windows / Linux ...)

背面 -  
OSN Server and HDD



前面 -  
連接模組(TDM INTERFACE)



|                                      | OSN3B (Core™ i7)  | OSN4 (Core™ i7)   |
|--------------------------------------|---|---|
| <b>Processor</b>                     | 2610UE  | 3555LE  |
| <b>Frequency</b>                     | 1.5 GHz   | 2.5 GHz   |
| <b># of Cores</b>                    | 2   | 2   |
| <b>Intel® Product Specifications</b> | <a href="http://ark.intel.com/products/54645/Intel-Core-i7-2610UE-Processor-4M-Cache-up-to-2-40-GHz">http://ark.intel.com/products/54645/Intel-Core-i7-2610UE-Processor-4M-Cache-up-to-2-40-GHz</a> | <a href="http://ark.intel.com/products/65712/Intel-Core-i7-3555LE-Processor-4M-Cache-up-to-3-20-GHz">http://ark.intel.com/products/65712/Intel-Core-i7-3555LE-Processor-4M-Cache-up-to-3-20-GHz</a> |
| <b>Interfaces</b>                    | <ul style="list-style-type: none"> <li>▪ 2x Gigabit Ethernet (External)</li> <li>▪ 1 Gigabit (internal)</li> <li>▪ USB 2.0</li> <li>▪ RS-232 COM</li> <li>▪ Graphic</li> </ul>                      | <ul style="list-style-type: none"> <li>▪ 2x Gigabit Ethernet (External)</li> <li>▪ 1 Gigabit (internal)</li> <li>▪ USB 2.0</li> <li>▪ RS-232 COM</li> <li>▪ Graphic</li> </ul>                      |

- **Hard Drive Options:**
  - HDD: 500 GB
  - SSD: 128 GB, 256 GB



- 單一OSN伺服器+單一硬碟/SSD
- 多種不同的介面規格組合，可根據客戶需要調整
- Hard Drive 選項:
  - HDD: 500 GB
  - SSD: 128 GB, 256 GB

# Mediant 800B Available OSN Servers



|                                      | OSN2 (Celeron)  | OSN4 (Core™ i7)   | ONS5 (Atom)   | OSN6 (Core™ i7)   |
|--------------------------------------|---|---|---|---|
| <b>Processor</b>                     | B810E   | i7-3612QE   | N2800   | i7-5850EQ   |
| <b>Frequency</b>                     | 1.6 GHz   | 2.1 GHz   | 1.86 GHz  | 2.7 GHz   |
| <b># of Cores</b>                    | 2   | 4   | 2   | 4   |
| <b>Intel® Product Specifications</b> | <a href="http://ark.intel.com/products/55762/Intel-Celeron-Processor-B810E-2M-Cache-1_60-GHz">http://ark.intel.com/products/55762/Intel-Celeron-Processor-B810E-2M-Cache-1_60-GHz</a> | <a href="http://ark.intel.com/products/65710/Intel-Core-i7-3612QE-Processor-6M-Cache-up-to-3_10-GHz">http://ark.intel.com/products/65710/Intel-Core-i7-3612QE-Processor-6M-Cache-up-to-3_10-GHz</a> | <a href="http://ark.intel.com/products/58917/Intel-Atom-Processor-N2800-1M-Cache-1_86-GHz">http://ark.intel.com/products/58917/Intel-Atom-Processor-N2800-1M-Cache-1_86-GHz</a> | <a href="http://ark.intel.com/products/88094/Intel-Core-i7-5850EQ-Processor-6M-Cache-up-to-3_40-GHz">http://ark.intel.com/products/88094/Intel-Core-i7-5850EQ-Processor-6M-Cache-up-to-3_40-GHz</a> |
| <b>Interfaces</b>                    | 3 GE ports (2 external and one internal)<br>3x USB 2.0 (via connection module)<br>VGA   | 3 GE ports (2 external and one internal)<br>3x USB 2.0 (via connection module)<br>VGA   | 2 GE ports (one external and one internal)<br>3x USB 2.0 (via connection module)<br>VGA   | 3 GE ports (2 external and one internal)<br>3x USB 2.0 (via connection module)<br>VGA   |

Port 數量

- 卓越的語音技術，用於連接傳統的電話，傳真和PBX系統的IP電話網絡和IP-PBX系統



New

**MP 1288**

144 / 216 / 288 x FXS



**MP 124**

24 x FXS



**MP 118**

8 x FXS/FXO



**MP 114**

4 x FXS/FXO



**MP 112**

2 x FXS

- 支援 如E911 或網路/電力故障時的Lifeline 備援至 PSTN 機制 (FXO and/or FXS configurations)
- 獨立存活機制(Stand-alone Survivability, SAS) 允許企業網路問題發生時繼續話務的運作

規模