



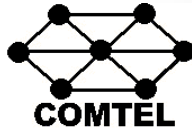
# WLAN & WiFi Phone應用規劃

**Introducing The Tenor MultiPath Gateway & WiFi Phone**  
**電信常識-WiFi+WLAN無線分機系統(issue 01)**

[www.sunshing.com.tw](http://www.sunshing.com.tw)

[www.comtel.com.tw](http://www.comtel.com.tw)

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# Agenda

- 無線網路WLAN(Wireless LAN)
- WLAN 優勢
- 企業VOIP WLAN規劃
- Wi-Fi Phone
- Soft Phone

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# Wireless Mobile Internet

## Wireless

### Vendors' View

企業要求是“行動力”，  
而非“無線”

*Mobility is:*

- *Instant Access*
- *Low cost*
- *Anywhere*

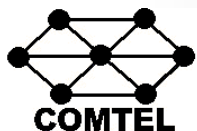
### Operators' View

## Mobility

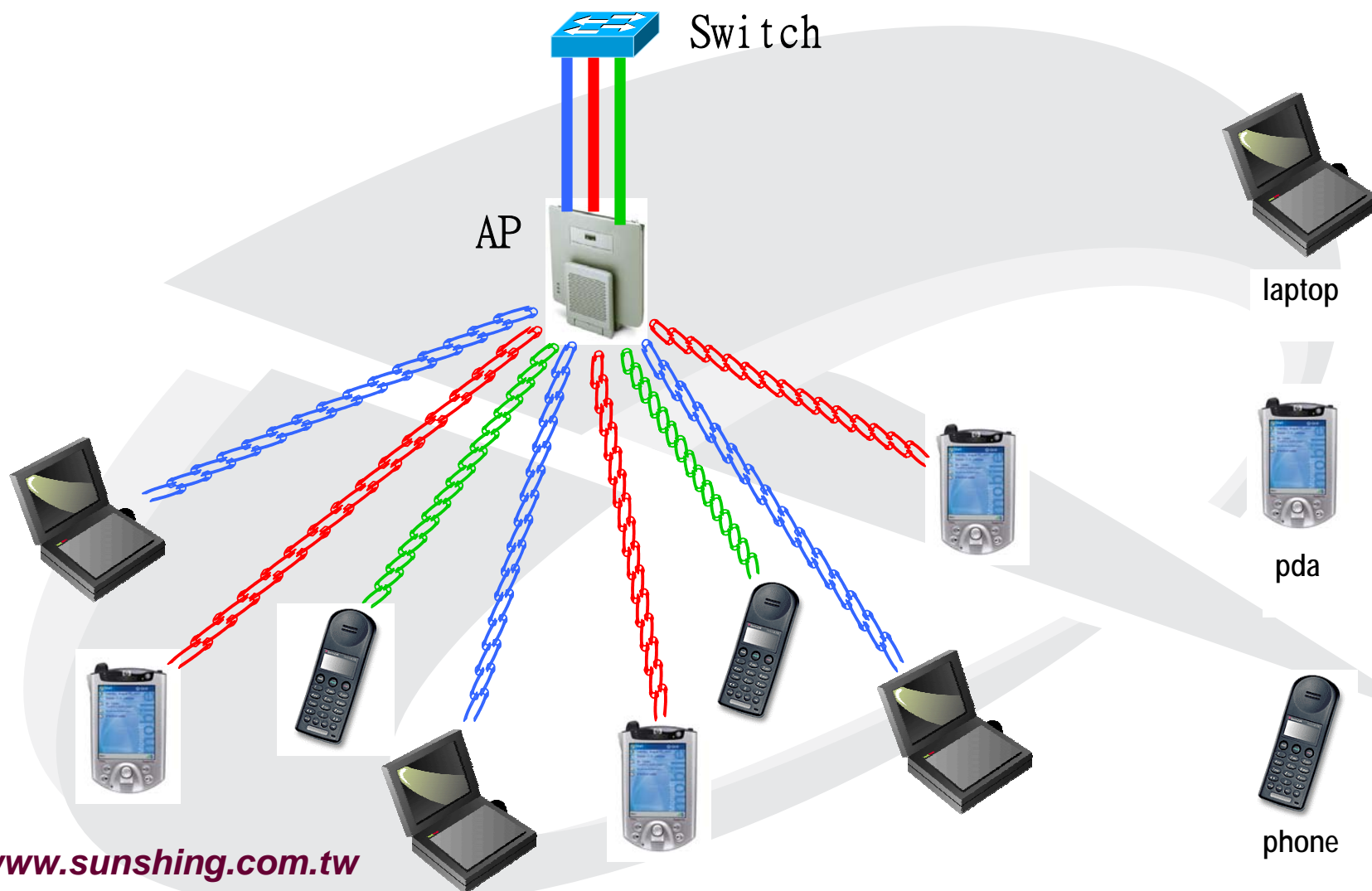
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## WLAN優勢

- 成本低，建置時間短
- AP可隨OFFICE格局異動而變更
- 整合DATA & VOICE Traffic
- 擴充能力強,具未來性
- 跨網性(漫遊)
- 政府推動之雙網整合計劃(GSM+WLAN)
- WISP即將佈建完成 <http://wlan.taipei-elifelife.net/price.html>



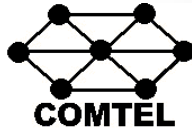
# IP群組 分群技術



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▶ 什麼是

# Wi-Fi?

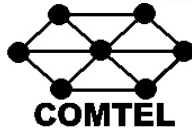
- Wi-Fi 聯盟是成立於1999年的非營利國際組織，宗旨為認證基於IEEE 802.11規格的無線局域網產品的相互可操作性。目前，Wi-Fi 聯盟在世界各地擁有 200 多個會員公司。從 2000 年 3 月開始認證以來，已有 1500 個以上的產品得到 Wi-Fi® 認證。Wi-Fi 聯盟會員的目標是以產品的操作互通性增進使用者對無線網路產品的使用經驗。



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# Wi-Fi Phone

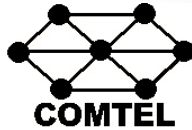
雙網Wi-Fi / GSM (Quad-band) 四頻850、900、1800、1900，擁有無線上網功能且支援藍芽與紅外線傳輸



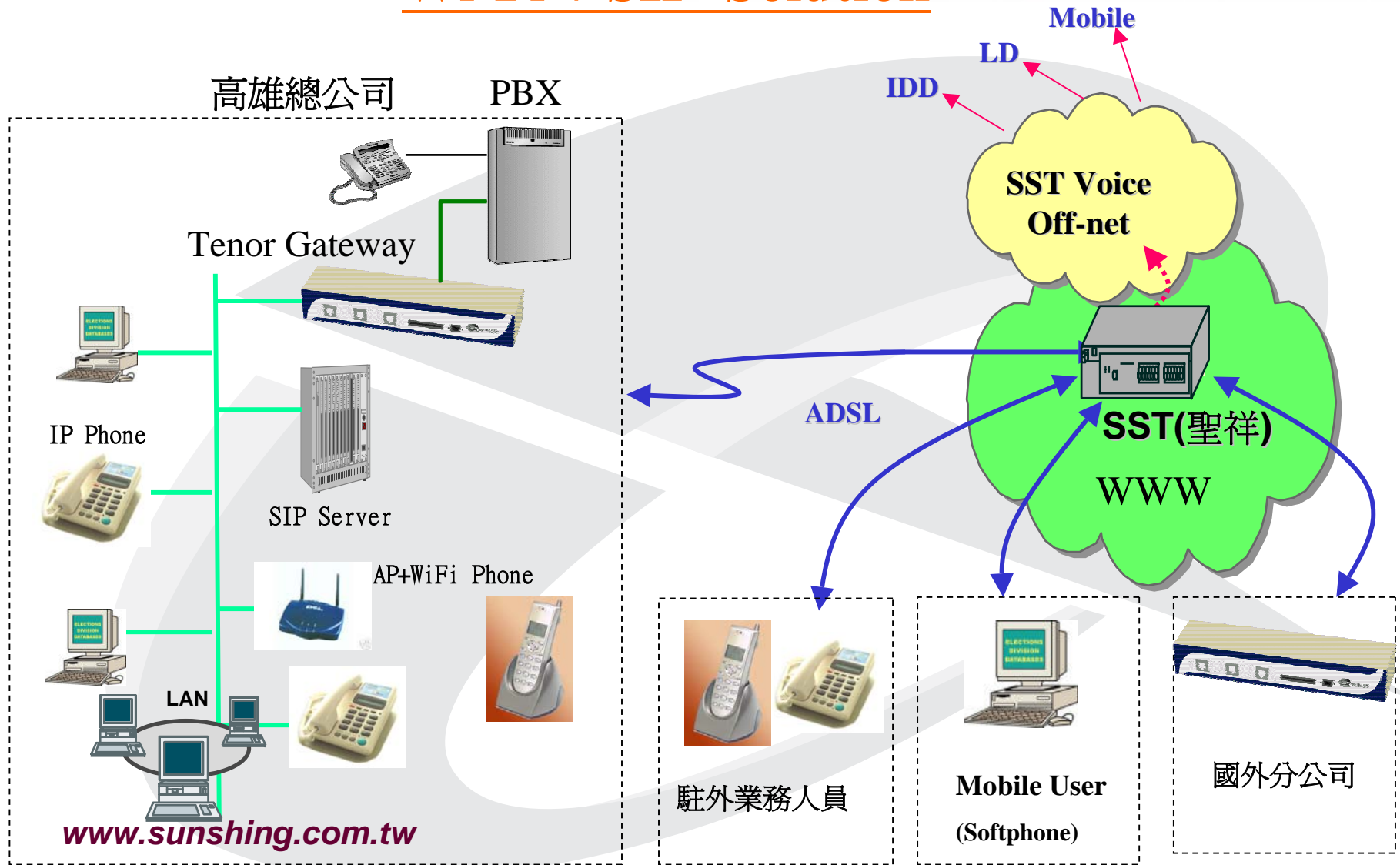
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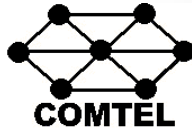


# Wi-Fi + SIP Solution



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# SIP Proxy Server

- RFC2543 compliant Proxy Server, Redirect Server, and Registrar.
- Operating Systems: Linux and Windows
- Performance: up to 100cps (conservative), based on platform CPU
- Number Expansion
- Request-URI Translations (and potentially Next Hop Route selection)
  - Static & Dynamic Registrations
  - ENUM (E.164 -> DNS mappings)
  - GKTMP interface (LNP, I-800, Time of Day route selection, etc.)
- Next Hop Route Resolution
  - Static Routes (configurable Priority and Weight)
  - DNS SRV & A record lookups
  - Alternate Route selection on error or timeout
- CSPA Redundancy via DNS SRV or DNS Round-Robin Load-Balancing
- Call Forwarding - CFBusy, CFNoAnswer, CFUnavailabl
- CDR Accounting via RADIUS

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# Soft Clients For PC



- Provides a feature-rich IP soft client
- Supports G.711, G.723 and G.729 codecs
- Supports hold/transfer, message waiting indicator, conferencing
- RFC 2543 or 3261 compliant

# Cisco Mobility Vision

## Office Anywhere Vision

