

INTUG

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

Corporate telecommunications networks

Ewan Sutherland

Executive Director

International Telecommunications
Users Group

ewan@intug.net

INTUG contents

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- INTUG
- the problem
- some examples
- conclusions

INTUG what is INTUG?

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- members
 - national associations
 - corporations
 - individuals
- activities
 - ITU and WTO
 - OECD
 - APEC TEL, CITELE and EU

INTUG our aims

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- real and effective competition
- genuine choice for users
- lower prices
- higher quality
- more innovative services
- constructive co-operation with
 - international bodies
 - governments
 - regulators

INTUG priorities

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- open access to global mobile networks
- **regulatory best practice**
- liberalization
- leased lines
- IP telephony
- digital divide
- universal access
- numbering

INTUG existing work

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- **Study Group 3**
- Recommendation D.268 - "Charging and accounting principles for the global virtual network service".
- **Study Group 13** - question 11/13 "mechanisms to allow IP-based services to operate in public networks"
- Recommendation **Y.1311** - Network-based VPNs – Generic architecture and service requirements
- Recommendation **Y.1311.1**- Network-based IP VPN over MPLS architecture

INTUG Virtual Private Networks

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- rapid deployment by business
- globally and not just in G7
- need to comply with national regulations

INTUG mobility for employees

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- access to the full functionality of the VPN:
 - originating calls
 - terminating calls
 - conference calls
 - web-assisted calls
 - video conferencing
- away from business premises using:
 - dial-up over PSTN or ISDN
 - broadband Internet access (xDSL, FTTH and Wi-Fi)
 - cellular/mobile telephony (GSM, cdma2000, IMT-2000)
- visitors from other countries, including foreign nationals

INTUG possible questionnaire

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- Do you permit Virtual Private Networks? If so, do you require a licence? (please attach a specimen copy)
- Within your country do you permit VPN services to be provided over
 - voice circuits
 - data circuits
- On international routes, do you permit VPN services to be provided over
 - voice circuits
 - data circuits
- Do you permit users access to Virtual Private Network services using the:
 - Public Switched Telephone Network (including dial-up and ISDN)
 - public Internet (including dial-up, broadband, public access centres and Wi-Fi hot spots)
- Do you permit traffic from a Virtual Private Network to "break out" to the:
 - Public Switched Telephone Network
 - Internet
- Do you permit the use of IP Sec?

INTUG conclusions

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

- important area for multi-national corporations
- uncertainty because of old technology-specific regulations
- need to gather data on what is permitted, especially in developing countries

INTUG thank you

ITU-T Study Group 3 17-21 XI 2003

www.INTUG.net

Ewan Sutherland

International Telecommunications Users Group

Boulevard Reyers 80

B-1030 Brussels

Belgium

+32.2.706.8255

<http://www.intug.net/talks.html>