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Topics to be covered

- Australia's emergency call service
- Law enforcement obligations
- Protection of communications
- Health and safety of customer equipment





One nation, one number

- ESOs can contacted through a national emergency call service
- The national emergency telephone number is 000
- Referred to as "Triple Zero" or "Triple oh"
- Calls are answered by Telstra
- Telstra connects callers to the requested ESO



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Free access for all

- 000 calls can be dialled from any telephone in Australia
- including fixed lined phones, mobile phones, public phonesCalls to 000 are free of charge
- For emergency use only

 situations where someone's life is in danger
 when help is required urgently



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106

TEXT EMERGENCY CAL

Other emergency numbers

- 106
- A text-based emergency call service
- Accessed using a computer modem or teletypewriter

 <u>Not</u> by SMS
- For use by people who have hearing or speech impairment

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Integrated Public Number Database

- A database containing details about every telephone number
- Includes name and address information
- Used for purposes relating to:
 - emergency call service (via ECLIPS database)
 - assisting the police with their investigations
 - publishing phone number directories

Benefits of this approach

- A national service ensures all ESOs can be contacted in a consistent manner
 - People only have to remember one number
 Upgrades & improvements can be performed
 - centrally
- Two call centres provides redundancy
- The IPND makes it is easy to identify and locate fixed line callers - but not necessarily VoIP users : flag system introduced

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Call volumes

000

- About 11 million calls made each year
- About 35% are genuine and connected to an ESO
- 106
- About 140,000 text-based calls made each year
- Less than 1% (about 350 calls) are genuine & connected to an ESO



3

Reducing non-genuine calls

- Key activity of ACA is to reduce the number of non-genuine calls via
 - connecting 'caller no response' calls to a recorded message
 - playing a recorded message at the beginning of calls in case people have dialled the wrong number
 - terminating calls when excess digits are dialled after the emergency number (example: 000xx)
 - the police contacting people who make multiple

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Provision of assistance

- Industry must provide assistance to law enforcement & security agencies when requested
- Assistance is provided on a cost-recovery basis
- Access to call records only permitted where it is 'reasonably necessary'
 - Certain agencies can request this information without a warrant

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Law enforcement obligations (1)

- All providers including network operators and resellers to do best to prevent use in commission of offences against laws
- All providers to give officers and authorities reasonably necessary help for the enforcement of the criminal law

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Law enforcement obligations (2)

- Ensure networks and facilities have interception capability
- Operators pay for interception capability up to point of interception – delivery and formatting are agency responsibilities
- Attorney General can nominate that individual operators lodge annual interception plan

Law enforcement obligations (3)

- Operators to notify technological changes with material impact on provision of interception
- No introduction of technological change until agencies have opportunity to consult and specify delivery needs

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Protection of communications (1)

- Operators prohibited from using or disclosing any information relating to –
- the contents of communications
- Services supplied
- The affairs or personal particulars of other person

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Protection of communications (2)

- Specified exemptions to above prohibition
- during duties as an employee
- Authorisation by law
- Law enforcement and other national interest
- Assisting other regulators
- IPND
- Threat to person or health
- Consent or business needs of other operators

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Health & safety re customer equipment (1)

- Technical regulation primarily by industry selfregulation
- ACA intervenes only for limited purposes relating to certain safeguards and may make standards for-
- Protecting the integrity of networks
- Protecting the health and safety of persons

Health & safety re customer equipment (2)

- Ensuring customer equipment access to emergency call services
 Ensuring interoperability of customer equipment with relevant networks
- Compliance required with Telecommunications Labelling Notice, amended for-
- New or revised standards
- New customer equipment technologies
- Recognition of overseas type approvals/certification Test reports from other than recognised test authorities
- Harmonised for other requirements eg EMC and EMR