

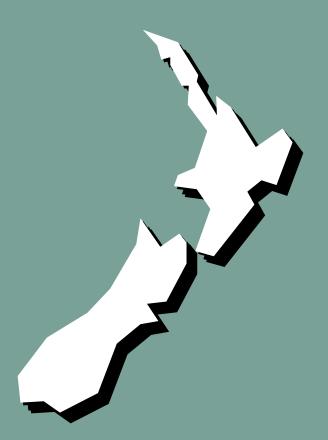
Promoting a Culture of Cybersecurity New Zealand Case Study

TU Regional Cybersecurity Forum for Asia-Pacific 2008

Richard Beach, Senior NetSafe Consultant, NetSafe

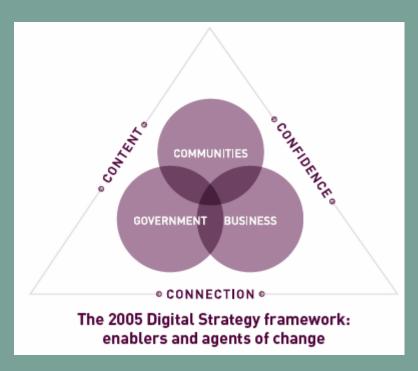
New Zealand in Context

- Pop 4.2 million
- Parliamentary Democracy
- Literacy Rate 99%
- Nation of small businesses
- 16.5 broadband subscribers per 100 inhabitants
- Jack of all trades





Digital Strategy



The Draft Digital Strategy 2.0 Ministry of Economic Development



The Judiciary

The NetSafe

Business

Community Groups

Group Family

ICT Industry

Media

Educational Institutions

Government

Law Enforcement

The Incidate

Lobbying, Member Cophing Pervices, Resource Creation



Achieving a Cybersecurity Culture

- V.B.1. Cybersecurity plan for government-operated systems
- V.B.2. Security awareness programmes for users of systems and networks
- V.B.3. Encourage a culture of security in business enterprises
- V.B.4. Attention to the needs of children and individuals
- V.B.5. National awareness program
- V.B.6. Enhance science and technology, and R&D activities
- V.B.7. Review privacy regime to include online environment
- V.B.8. Develop awareness of cyber risks and available solutions

Provide budget support



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VB 3

BUSINESS SECURITY CULTURE



SME Toolkit

- Self assessment process leading to:
 - Policy framework
 - Training plan framework
- Community space(s)
- Self paced training course



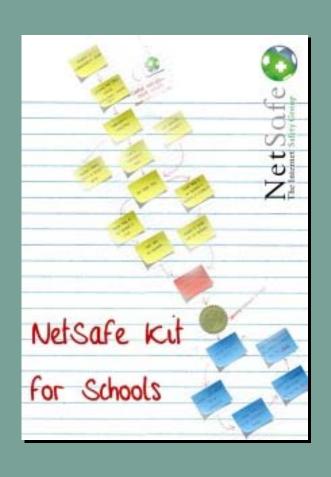


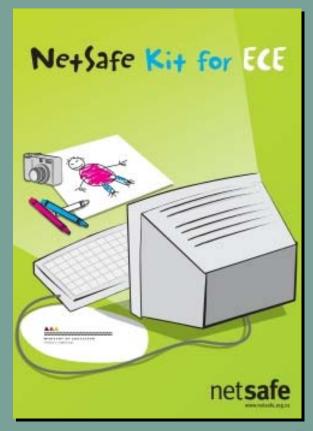
VB 4

CHILDREN AND INDIVIDUALS



Cybersafety Programmes









Cybercitizenship Pathway

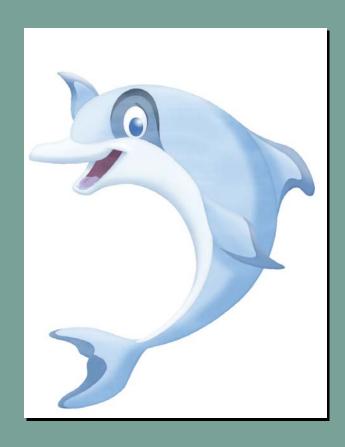
		Beginner		Apprentice		Practitioner		Master	
		ECE Students will:	Year 0-2 Students with	Year 3-4 Students with	Year 5-6 Students will:	Year 7-8 Students with	Year 9-10 Students will:	Year 11-13 Students will:	
ATTRIBUTES	Connected Understand the impost and potential of ICT use for halviduals and society	Identify some ICT devices by name and describe what they can be used for. Moran devices of the source of the sour	Share ideas about how ICI is used by themselves their used by themselves their with their provided and their	Describe vays in which particular groups of people particular groups of people professional lives (e.g., Frents, sports clubs, mengency services). • Braindown a list of all of time functions of mode all ordinary was de	Explore and discuss both possible and discuss both possible and regulate impacts like and those of their preen and family. • Ceep align of time spent on notices and their preen and services and their preen and their preents	Explore the concept of integrity as it misles to their own use of ICT. Discuss reactions to age with a contract of ICT. Discuss reactions to age with a contract of ICT. Charter a distribution of ICT. Explore the concept of ICT. Explore the concept of ICT. Explore the concept of ICT. Distribution to ICT. Distribution	Examine how individual integrity can influence undergrade and integrity can influence within online networks. Discuss how so online profiles can need to in the countries of th	Explore the relationship between trust, integrity, and use of ICT in society. • Branine haw technology, opposituations gain he turn of Individual strong and he turn of Individual strong and he turn of Individual strong pain of Individual strong paint Indi	
	Safe Apply sound personal aypersofery strategies which promote personal safety	Identify people who can help when using ICI and seek their bey when appropriate. * Answer questions with a valuage one poly or infering to all other who nodates a close of eye in education of the control of the cont	Describe and use safe practices (including including practices (including septie who can identifying people who can identifying people safe including personal safety when using ICT. • Chapter and use a possitional for accounts in the case on a renew of the case one of safety in the case of th	Identify risks and use safe practices which help maintain both personal safety, and the using ICT. • Draw lines to mortion potential feet with potential feet with safe pro-close of eighest or continue to the safe safe safe safe safe safe safe saf	Access and use information to identify optimizery risks to identify optimizery risks to themselves or experiment and exhibitions of the control of the contr	Access and use information to identify risks, and develop strategies formanging strategies formanging strategies formanging the markets or equipment. • Conduction in such of oil Cit equipment of home or equipment of home or equipment of home or equipment of equipment of equipment of equipment of equipment of the conduction of home of the conduction of equipment of equipme	Investigate the impact of societal and media influences on personal safety when using on personal safety when using one of the safety when using the safety of the safety of the safety of the safety of the safety personal products are personal products are personal products and safety personal products are personal products and safety personal products are safety and of general control of safety personal products and safety safety and safety safet	Analyse contemporary opterdistenship issues, and describe how his analysis executed the second secon	
	Responsible Understand, follow and promate aybersafety gulaelines which support community safety and wellbeing	Follow family and group guidelines for using ICT. 10 Such a propriet 10 Such a Su	Follow basic guidelines and practices that promote responsible use of LGT. • Use the school restored is senting and of LGT. • Use the school restored is senting among period system to past positive manages to other cost. • Design a positive based on one of the cost and cost of the cost cost of the cost	Contribute to and use basic guidelines and practices that guidelines and practices that promote cybers shelt year of 2CT. O closeline spring post guidelines and guidelines	Research current cyternafety guidelines and precises with guidelines and precises with an enterest their event was a state of ACI and take action to precise and family, but less person and family, but less person and family. - Bromine the social cyterion of the social cyter	Compare cybernately practices within peer groups in field of existing naise, agained and accident contentions and use accident contentions and use action contentions and use action of social network. So no peer group or possible the proper of the proper	Identify the rights and responsibilities of users of TC and use this information to promote cyberolizanchip members to promote cyberolizanchip methods. I indira o representative from a mobile prince company to dissuit contractuol obligations and extraorities. I charles o publicascilica modulizance company to dissuita contractuol obligations and extraorities of concurrent extraorities of concurr	Advocate for individual and collective action which enhances yeler/bitmenhips with the politicans and produces of 10°C adjument advocate or services with august more than the political and produces of the highest than the political and the politi	



Club Penguin



Hector's WorldTM







Seminars



Direct to students





The NetBasics





VB 5

NATIONAL AWARENESS PROGRAM



www.netsafe.org.nz





Challenges

- Low media interest in positive initiatives
- Human response to 'non-immediate' threats
- Funding
- Cutting edge no clear path
- How do we measure success?

