NSI COMPETITION
Fact Sheet

NSI, short for Network and Security Investigation, is an IT security challenge organised by Republic Polytechnic's School of Information and Communications Technology. To be held on the 5th and 6th November of 2007, it is a unique competition in which students from all secondary schools in Singapore pit their wits and guile to investigate IT crime and to secure IT systems.

Synopsis of the Challenge

The NSI competition comprises of two challenge stations. Competitors will not be desk-bound, passively staring at computer screens. They can expect a high level of action, including moving around to find clues or secure devices, and high pressure scenarios that need intense discussion and analysis.

Station A: Digital Forensic Investigation

For this challenge, competitors will be placed in a scenario where a computer crime has been committed. Students will apply forensically sound techniques to secure the crime scene and ensure that no evidence is disturbed or contaminated. They are then required to gather digital evidence from the secured storage devices. The evidence is used to profile the victim, which in turn will provide crucial clues as to the identity of the criminal.

Competitors will be judged on how well they secure the scene, gather digital evidence and apply the evidence gathered to identify the criminal.

Station B: IT System Defence

In this challenge, competitors are placed in a scenario where multiple computer systems have been compromised. Crucial information may have been stolen and indications show that illegal transactions have occurred. Competitors are required to gather as much information as possible regarding the nature of the infiltration. They will subsequently apply their understanding of IT security to strengthen the defences of the systems.

Competitors will be judged on the quality of analysis of the infiltration and how well they improve the security of the computer systems.

Target Audience

The competition is open to students at upper secondary level.

Training for Competitors

Competitors will be provided with a two-day complimentary workshop to prepare them for the competition.

Workshop dates are schedule for:

6 September 2007:	Digital Forensics workshop
7 September 2007:	IT System Defence workshop

Rules & Regulations

Registration Period:	22 May 2007 – 15 August 2007
Fee:	$10 / registered team
Early Bird Registration:	1 August 2007 (for fee waiver)

To find out more and to register for NSI, go to http://nsi.sit.rp.sg/

Registration Rules:

i) Each school may register a maximum of 2 teams.
ii) Each team must comprise of 3 competitors.
iii) Each competitor may only be a member of one team.
iv) All competitors should be in upper secondary school.

Attractive Prizes for All

Winners of NSI will receive prizes totalling S$10,000.

Champion:	Microsoft Xbox*
1st Runner-Up:	SONY PSP
2nd Runner-Up:	Apple iPod.

Teacher of each winning team will receive a PDA. All competitors will also receive attractive prizes.

* Prize list is correct as of time of printing. Prizes may be replaced at the organiser's discretion with equivalent or newer models.

Contact details

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About the National Infocomm Competition

The National Infocomm Competition is a multi-themed inter-school challenge created to uncover top infocomm talent in Singapore. Divided into three circuits - secondary schools, junior colleges and ITE/polytechnics – the competition will encompass challenges focused on areas such as business IT, digital media, mobile technology, security & networking and more. For additional information please visit talent.singaporeinfocomm.sg. The National Infocomm Competition is organised by the Infocomm Development Authority of Singapore, universities, polytechnics, ITE, Singapore Computer Society, Singapore Institute of Management and Singapore Science Centre.