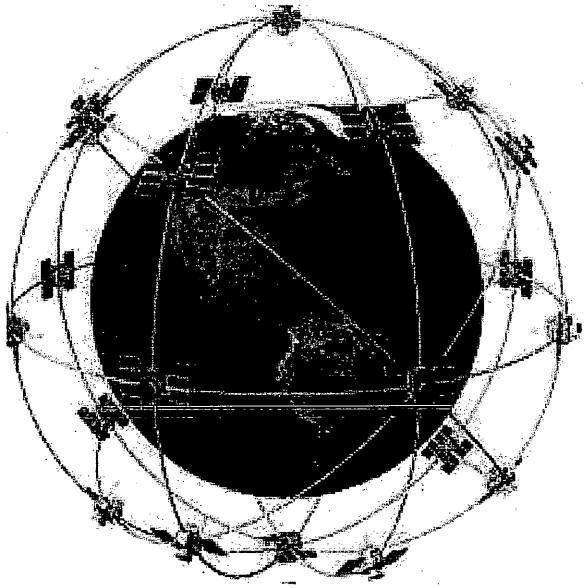
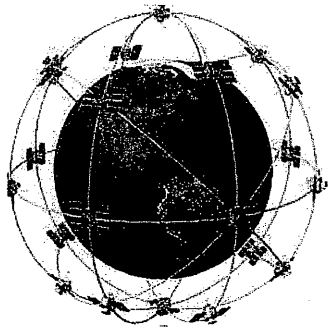
Mobile*Net*



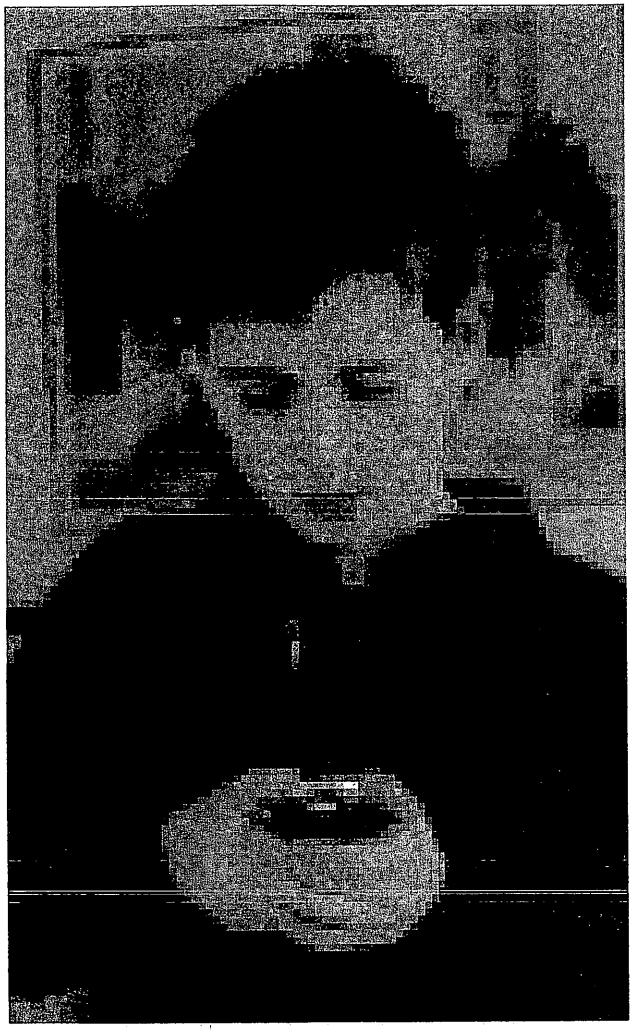
- ✓ **Tele-communications**
- ✓ **Internal Security**
- ✓ **Public Transport**

Mobile*Net*



Mobile*Net* taps on existing tele-communication technologies to formulate an exclusive integrated network. Mobile*Net* is activated by a hand-phone that transmits signal via satellite to a processing terminal which simultaneously disseminates information to the respective local stations for necessary action.

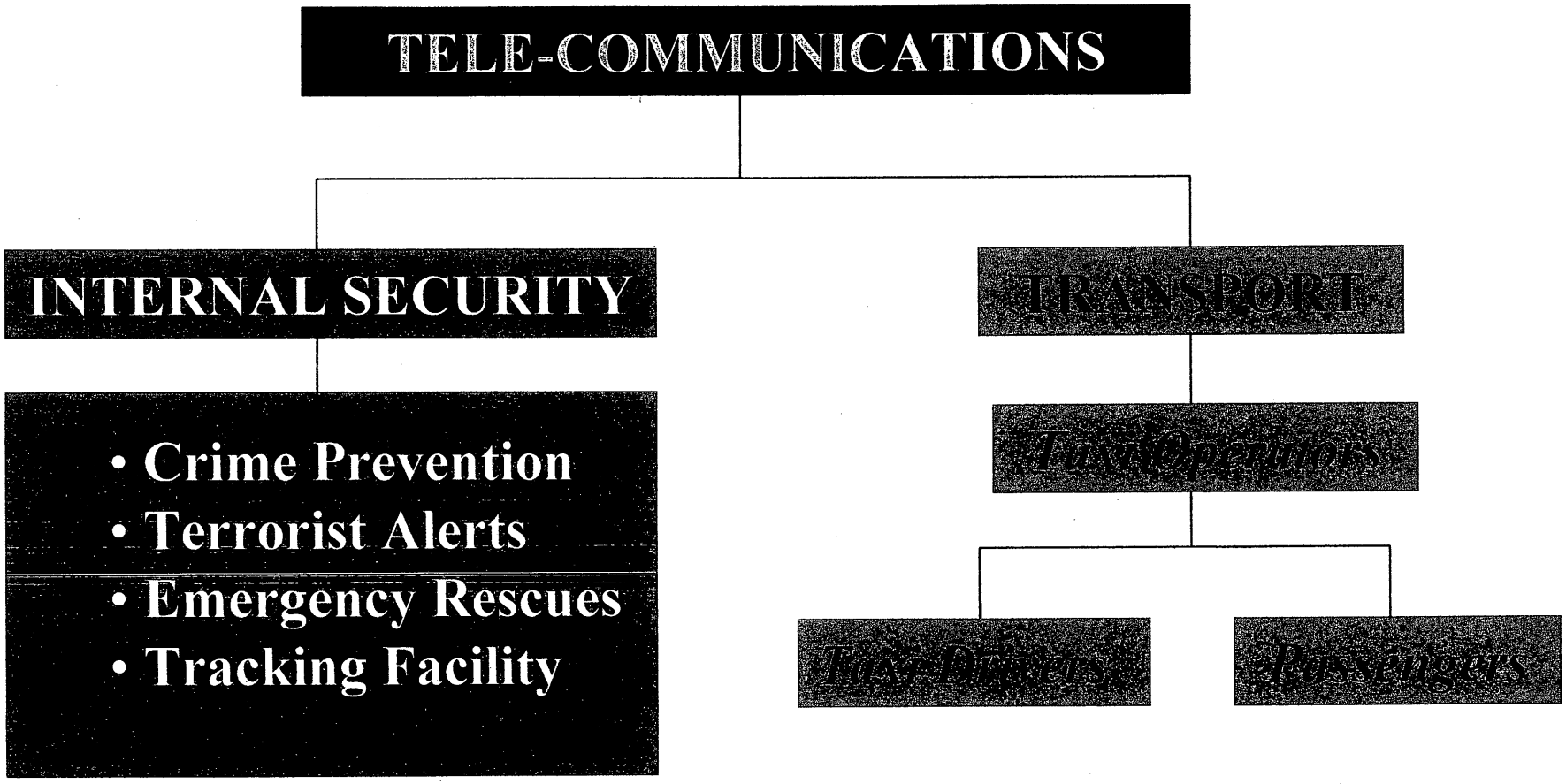
PANIC CALL



CANNOT SPEAK

LIFE AT THE PRESS OF A BUTTON

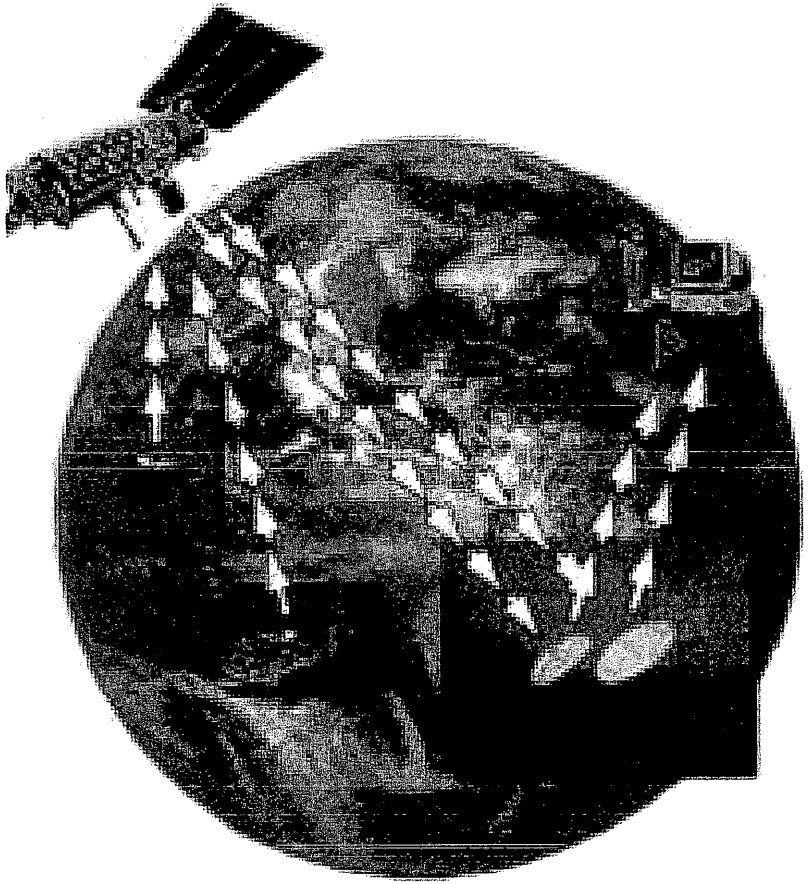
APPLICATIONS OF MobileNet



TELE-COMMUNICATIONS

Mobile*Net* is a simple and effective system where a 2-digit numeric code sent from a Handphone automatically identifies the call type and activate actions from the respective stations :

CODE	CALL TYPE	STATION	ACTIVATION
99	Crime Prevention	Police	Police patrol
11	Taxi pickup	Control Room	Nearest available Taxi
22	Call for Ambulance	1777	SCDF
33	Emergency Rescue	995	SCDF Rescue Team
44	Natural Disaster	995	SCDF Rescue Team
55	Terrorist Alert	I S	I S Investigation Team



WHY Mobile*Net* ?

BENEFITS OF MobileNet

1. Crime Prevention
2. Emergency Rescues
3. Rescue work during a Natural disaster
4. Terrorist Alerts
5. Panic Calls
6. Locates missing person effectively
7. Upgrading of Taxi Service in Singapore
8. Easing of Traffic flow into city during peak hours
9. Hand-phone Ownership Protection Scheme
10. Enhanced Security resulting in increased Tourism

Mobile*Net*
REINFORCES
CRIME PREVENTION



Reinforces Crime Prevention

One crucial benefit of **Mobile***Net* will be the reinforcement of Crime Prevention. With the integrated network system, it will become possible for the police to track the precise location of a panic call when a 2-digit emergency code is received from a hand-phone without the need of verbal communication.

eg. You are being followed in an alley and suspect a possible robbery. Dialing 99 will activate the nearest police patrol to the location of the possible crime. This is not only crime preventing. It is crucially life saving.

EMERGENCY





The second body being brought out by Civil Defence officers near midnight on Wednesday, some 32 hours after the collapse. It was identified as that of the Chinese national worker, who had arrived in Singapore only a week ago.
21/04/2004

REINFORCES SAFETY OF LIVES

EMERGENCY RESCUES

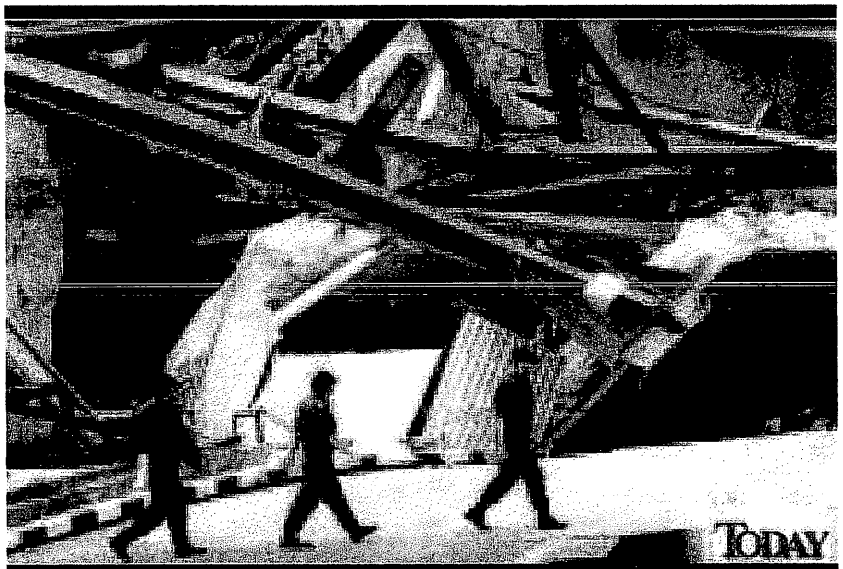
REINFORCING SAFETY OF LIVES

Mobile*Net* facilitates the search of an injured person in the event of an accident and expedite the search for missing people in a natural disaster.

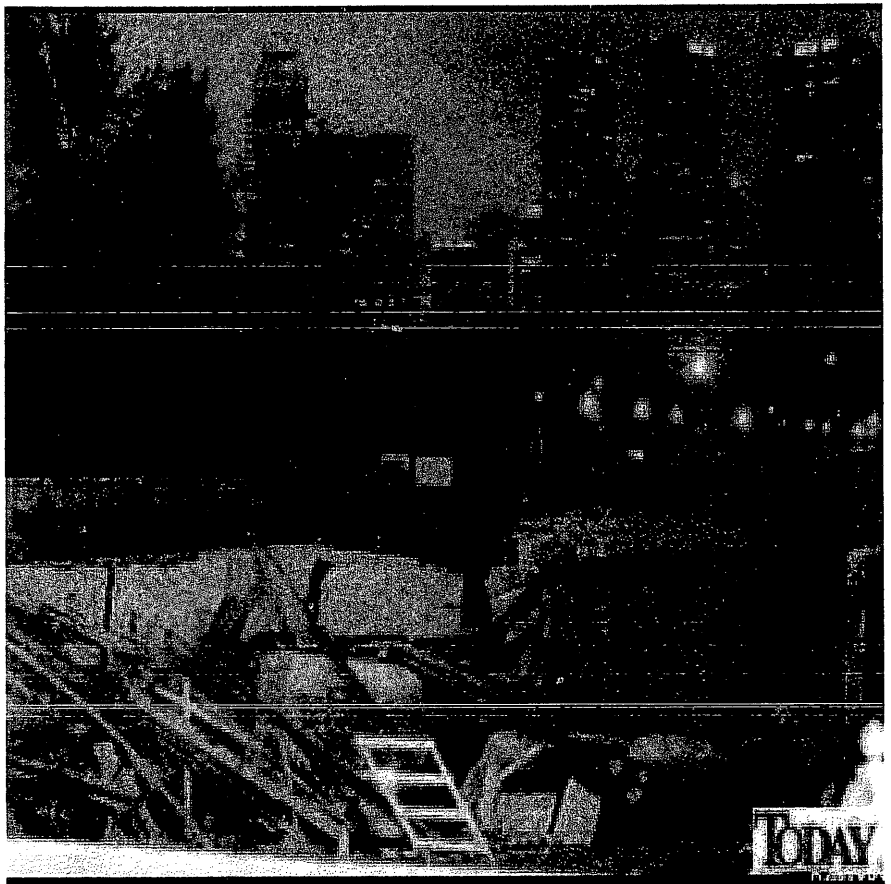
NATURAL DISASTER

Nicoll Highway collapse

http://www.channelnewsasia.com/nicoll/video.htm



Rescue workers at the site of the highway collapse as the search for the last man continued. 22/04/04



Searching under floodlights

The site of yesterday's road collapse along Nicoll Highway was lit with floodlights so that search and rescue operations could continue through the night 21/04/2004

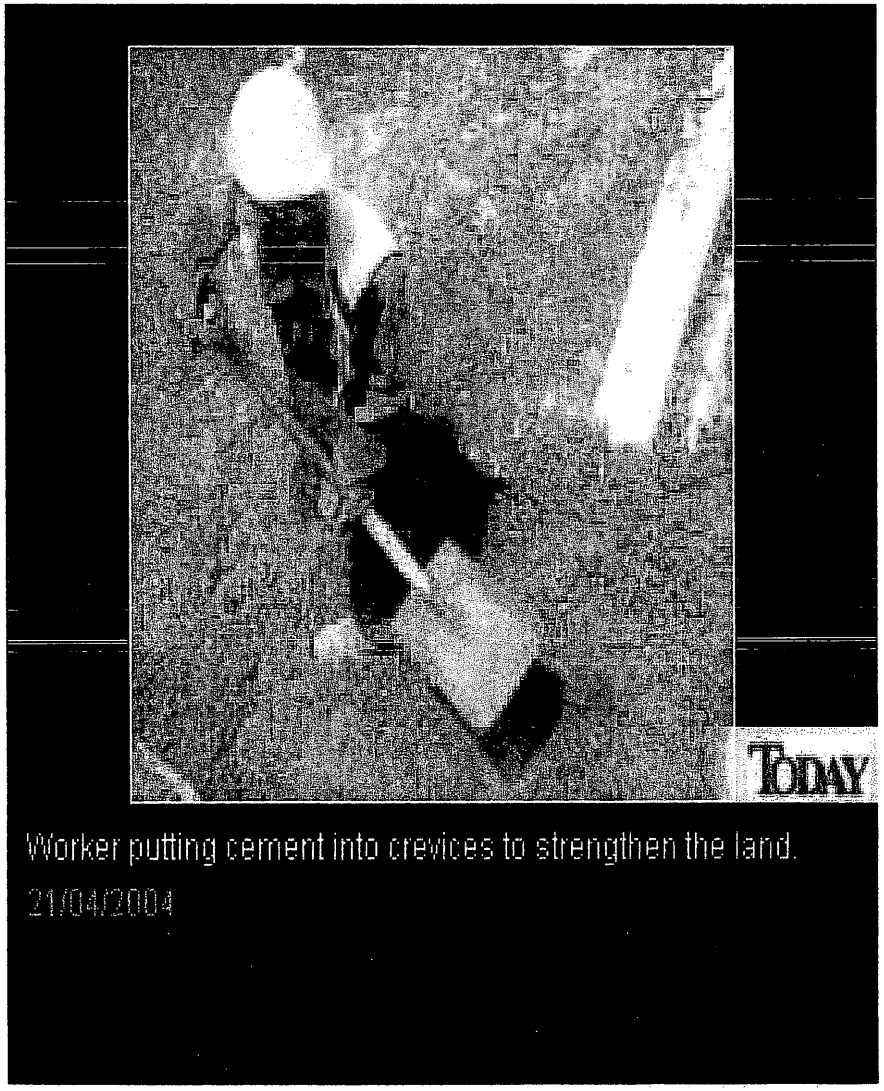
NATURAL DISASTER

In the case of a natural disaster like a building collapse where people are buried underneath, **Mobile*Net*** would be activated for SCDF to access the map area of the incident and view the cluster of people who are trapped in the calamity.

The system would then provide the following information immediately :

1. Number of people trapped beneath;
2. Exact locations (position and depth);

NATURAL DISASTER



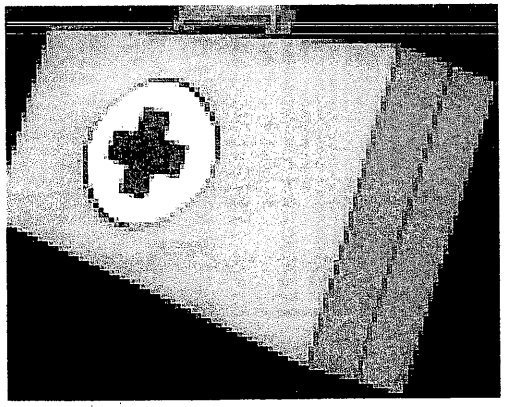
Mobile*Net*

could save your life !

– A person who is buried alive in an accident and who could still activate an emergency rescue call would help to expedite the rescue work as the system tracks his exact location to facilitate digging.

Mobile*Net*

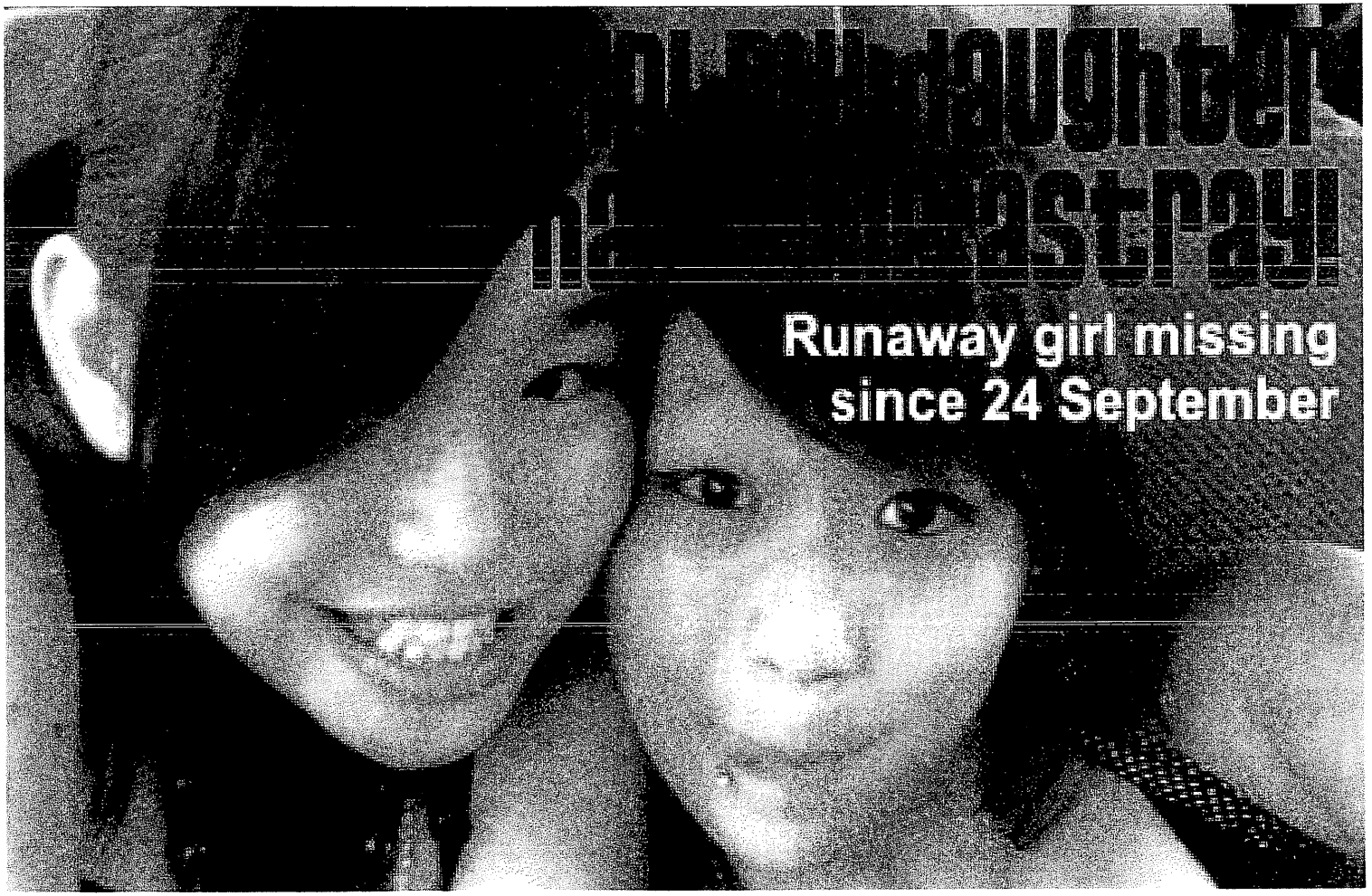
REASSURES THE SICK AND INJURED THAT HELP IS ALWAYS AT HAND



HOW DOES Mobile*Net* BENEFIT THE SICK / INJURED ?

eg. A person was suddenly struck with a heart attack or had a bad fall. He was alone and may not be in a condition to communicate verbally. Pressing **Code 22** could possibly save his/her life as the network system is able to track the panic call and activate immediate response from SCDF. This would be another life-saving course of action.

MISSING TEENAGER



Mobile*Net* *searches and tracks*

TERRORIST ALERT



Code 55

TERRORIST ALERTS



COMMON TARGETS OF TERRORISM

TERRORIST ALERT

Real life Incident – Case No. 1

"A lady and her daughter was waiting for the train at Yishun MRT Station when they spotted a Malay man taking shots of the MRT track from the extreme end of the waiting bay. It was off-peak hours then so there was hardly anyone at the waiting bay. Suspicion aroused as the lady boldly confronted the man and asked where he was heading to. Taken by surprise, the man muttered "Orchard Rd". However, when a train arrived on the other side of the bay, the man rushed in and disappeared. The train was headed for Jurong East. A police report was made later."

TERRORIST ALERT

Real life Incident – Case No. 2

"A man took a taxi from the airport at 4am in the morning and requested to go to the US Embassy. Throughout the journey, the man asked the driver many questions about the landmarks in Singapore. When they arrived at the US Embassy, they man requested to alight at the opposite side of the road facing the Embassy. Suspicion aroused and the Taxi driver decided to keep a tab on the man. He found the man taking focus shots of the US Embassy from across the road. The driver alerted the police immediately and the suspect was subsequently nabbed."

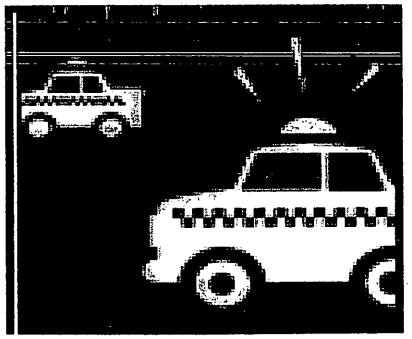
TERRORIST ALERT

With the global effect of terrorism, it will be an effective measure to create awareness at national level that a simple access code for Terrorist Alert is available - Mobile*Net* CODE 55.

You never know when you need to use but in an emergency, a simple number to use is truly important. One may not even be in a position to call for help when faced with a terrorist. With Mobile*Net* there is no need for verbal communication at all.

Mobile*Net*

MAKES HAPPIER TAXI DRIVERS AND PASSENGERS



INTRODUCING
THE BEEPER CALL

What are Beeper Calls ?

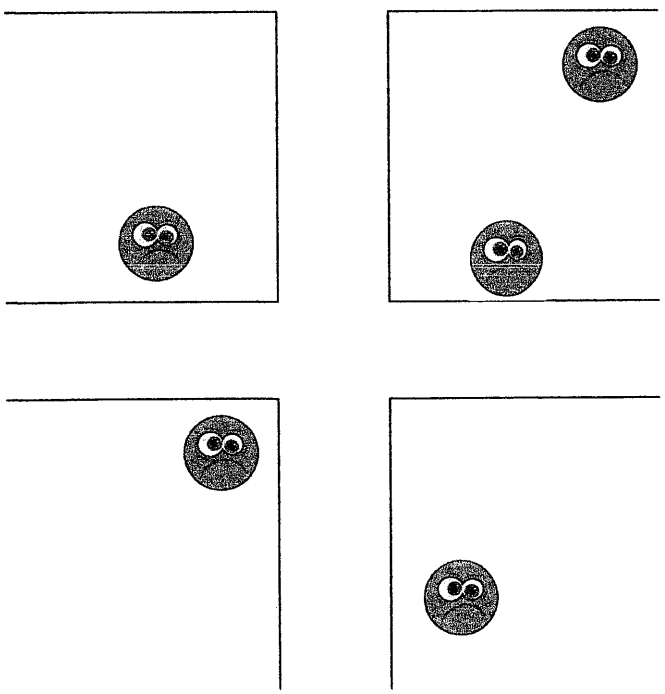
Beeper Calls are activated by the handphone using a **MobileNet** code. The system then prompts for the nearest available taxi.

Need a cab? Press 11

WITHOUT MobileNet



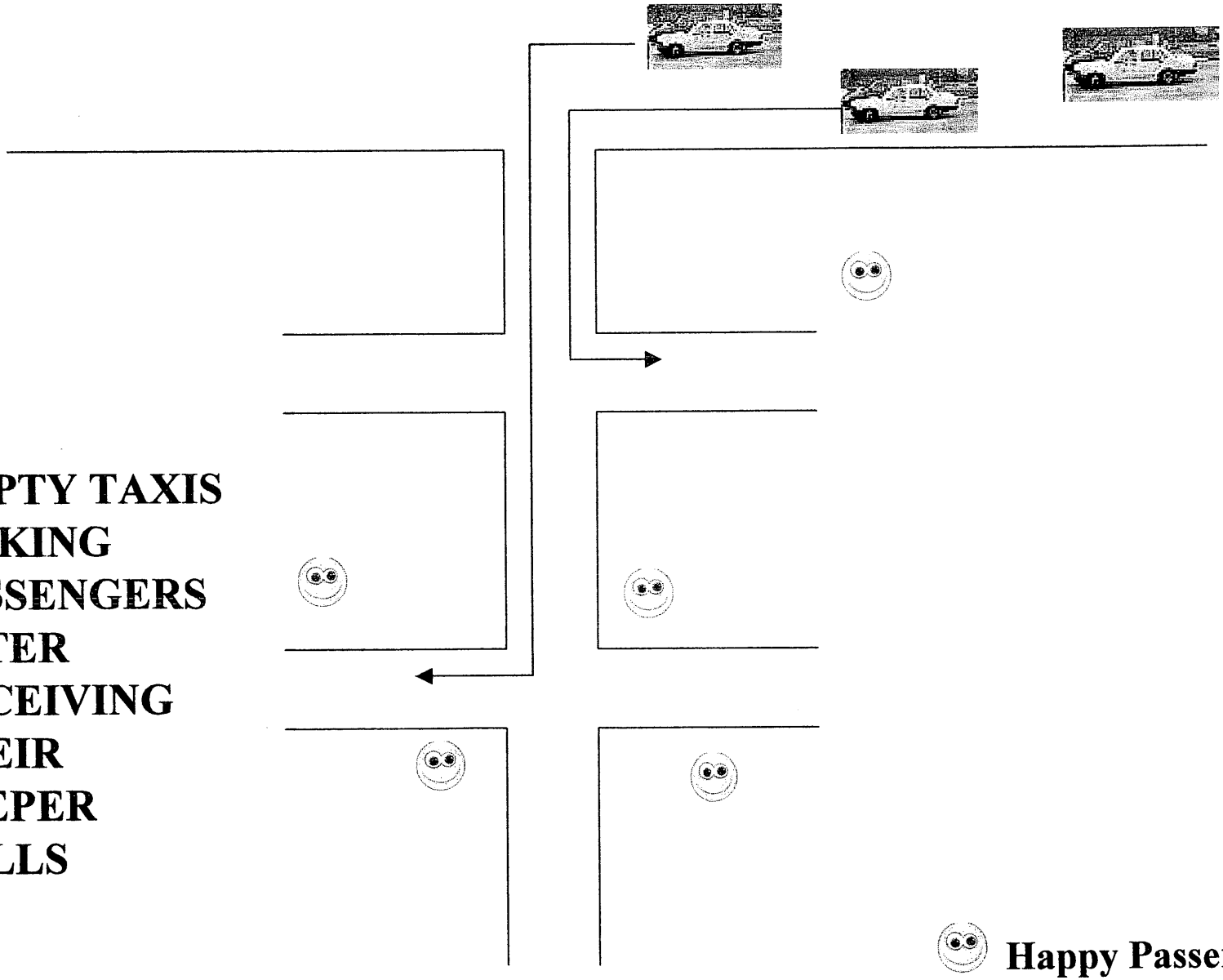
MAIN ROAD WITH EMPTY TAXIS MISSING PASSENGERS AT INNER ROADS





Unhappy Passengers

WITH MobileNet



EMPTY TAXIS PICKING PASSENGERS AFTER RECEIVING THEIR BEEPER CALLS

Happy Passengers

HOW DOES THE SYSTEM BENEFIT BOTH TAXI DRIVER AND PASSENGER ?

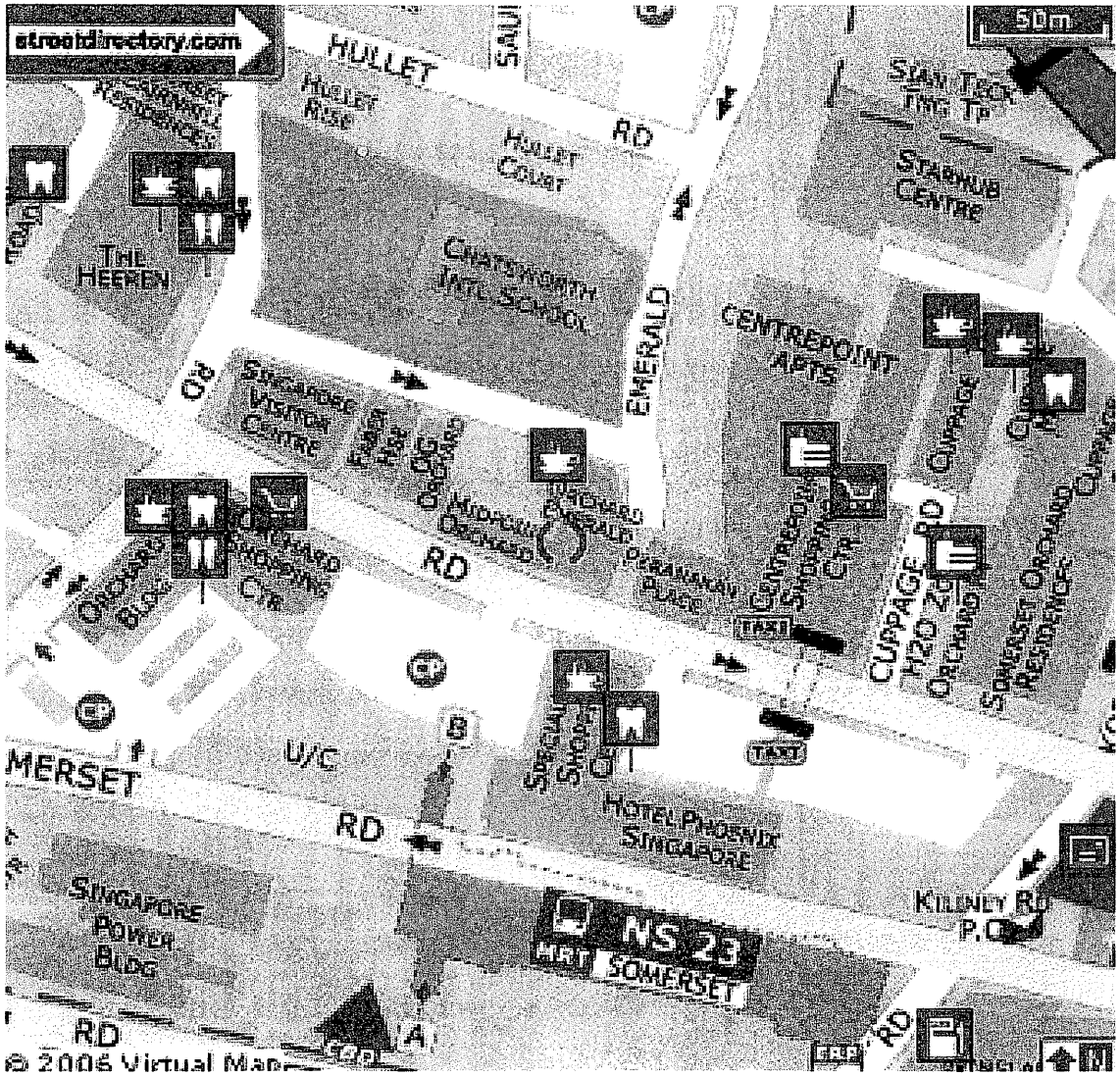
For the taxi driver – **Increased Productivity**

1. Driver is being prompted on their screen by the nearest passenger activating a beeper call;
2. Reduced aimless driving;
3. Increased Income;

For the Passenger - **Reduced waiting time**

1. Beeper call activates the network system to prompt for the nearest available taxi;
2. A cheaper alternative to booking a cab;

EASING FLOW OF TAXIS INTO TOWN AT PEAK HOURS



HOW DOES THE SYSTEM IMPROVE THE FLOW OF TAXIS INTO TOWN ESPECIALLY DURING PEAK HOURS

Taxis alighting passengers at the outskirts of town would naturally head for town again as it is usually not cost nor time effective to look for passengers in outer-urban areas. However, with **Mobile*Net*** in place, they will now enjoy the ready information reflected on their screen showing the nearest passengers for pickup in the area they are in. This would mean reduced flow of vehicles into the city during peak periods. As a result, both traffic flow into the city as well as the efficiency of taxi service system in Singapore will be greatly enhanced.

OWNERSHIP PROTECTION

LOST IS NOT AN OPTION

OWNERSHIP PROTECTION

Facts and Information

1. **Service Provider M1 handles an average of 200 cases of lost hand-phones per month;**

2. **The IMEI number on every hand-phone is restricted to the public verifying with HITS (on-line police website) if a phone purchased has been a stolen one. However, this measure is not effective enough to combat the rate of stolen phones nor recover the lost equipment;**

3. **Service Providers are also unable to block missing phones from being used by a different subscriber as this would affect the performance of the entire network;**

OWNERSHIP PROTECTION

Missing Hand-phone Report

Mr Dawson Low, a Military Officer, lost his hand-phone that contained confidential data and some unlisted numbers. He bought the phone for $631.00. Mr Low offered a $1000 reward for the return of his phone. However, the phone was not returned. Neither was he able to track the thief using his IMEI number nor stop him from trading his phone.

M1, his service provider confirmed they were unable to block his phone as the performance on the entire network would be affected.

OWNERSHIP PROTECTION

LOST IS NOT AN OPTION

Mobile*Net* offers *insurance* for missing hand-phones as the system readily tracks the exact location of the missing phone.

OWNERSHIP PROTECTION

With Mobile*Net*

1. Hand-phone theft would be effectively combated;

2. Missing hand-phones cannot be blocked but **Mobile*Net*** provides a better solution. It tracks and finds.