

◇ Hong Kong ICT Awards 2009: Best Innovation & Research (Primary Schools) Silver Award 2009香港資訊及通訊科技獎: 最佳創新及研究(小學)銀獎

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Smart Tobacco Control Tower

The Smart Tobacco Control Tower is composed of a wide-angle photography lens, an Octopus card reader and two broadcasters. It connects to the server of Tobacco Control Office of the Department of Health via Wifi wireless network. Once a citizen saw a smoking offender and report the offence by holding their Octopus steadily over a reader, the system comes into operation. The lens will then be activated by the system, captures the course of Smoking (Public Health) Ordinance violation and send it to Tobacco Control Office of the Department of Health. At the same time, the broadcasters will also be activated and a soundtrack will be broadcasted through the broadcasters in order to advise offenders to stop smoking in no smoking area.

Data collected by the Smart Tobacco Control Tower can be used as prosecution evidence, Smoking (Public Health) Ordinance violation blackspots analysis and acts a deterrent function. In addition, Tobacco Control Tower can carry out targeted inspections in various Smoking (Public Health) Ordinance violation blackspots in response to the data.

智能控煙站

整個設計由廣角拍攝鏡頭、八達通咭機及廣播器組成，經由Wifi無線網絡連接到控煙辦公室的伺服器。系統由市民看到違規吸煙人士，然後用八達通咭拍咭進行舉報開始運作。系統會啟動拍攝鏡頭將違規情況拍下並傳送至控煙辦。與此同時，宣傳禁煙的聲帶亦會透過廣播器播放，從而對違規人士作出勸諭。經由智能控煙站收回的數據，可用作檢控證據、分析違規黑點之用，亦有阻嚇作用。控煙辦亦可因應資料對各違規黑點作出針對性巡查。

Comments from Judging Panel:

評審委員會評語:

- Practical, but technical feasibility still needs to be evaluated ● 實用，但實際技術上的可行性還有待評估
- Good story, good presentation by using conversation ● 良好的故事綱要，利用對話表達，陳述清楚易明
- A design which suits the environment of Hong Kong ● 設計切合香港環境



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