



NEWS RELEASE

Visit <http://www.mindef.gov.sg> for more news and information about MINDEF and the SAF

Army Introduces New Battlefield Instrumentation System

27 Sep 2006



Minister for Manpower and Second Minister for Defence Dr Ng Eng Hen is introduced to the new Battlefield Instrumentation System and how it enhances soldiers' battlefield training through experiential learning.

The [Army](#) has introduced a new Battlefield Instrumentation (BFI) system to enhance its soldiers' battlefield training through experiential learning. This marks a significant shift in the way soldiers are trained. This afternoon, Minister for Manpower and Second Minister for Defence Dr Ng Eng Hen commissioned the BFI system at Pasir Laba Camp. Dr Ng also interacted with National Servicemen (NSmen) from 609th Battalion, Singapore Infantry Regiment (609 SIR). The battalion was participating in an evaluation exercise using the BFI system.

The BFI system utilises modern laser and information-communication technology to network soldiers, weapon systems and fighting platforms. It also uses the Global Positioning System (GPS), computer simulation and data communication to record details of battlefield engagements between opposing forces. The BFI system can track soldiers' actions and engagements in a two-sided exercise setting. It can also simulate artillery and close air support to provide added realism during field training and evaluation exercises. The recorded data can be replayed in a post-exercise review to allow soldiers and ground commanders to review their performance and improve their battlecraft.

The system has been fielded in Army training and evaluation exercises since June 2006. It will soon be introduced to all Army training institutes, including the Basic Military Training Centre (BMTC). The BFI system will eventually be integrated with equivalent systems in the [Air Force](#) and [Navy](#), thereby providing the [3rd Generation SAF](#) with a sophisticated and realistic integrated training system.



Dr Ng interacts with National Servicemen (NSmen) from the 609th Battalion, Singapore Infantry Regiment (609 SIR), who were earlier involved in an evaluation exercise using the BFI system.



Dr Ng having a closer look at the Battlefield Instrumentation (BFI) enabled harness.

Factsheet: National Archives of Singapore

Factsheet: Transforming Battlefield Training - Army Introduces New Battlefield Instrumentation System (MINDEF_20060927003.pdf)