

# Digital Ubiquitous Mobile Broadband OLSR (DUMBO)

1 December, 2006 intERLab/Asian Institute of Technology (AIT), Pathumthani, Thailand  
& Several Elephant Camps in Phuket, Thailand

The project aims to demonstrate the use of mobile ad hoc networks in an environment where fixed network infrastructure is not available, such as in the case of natural disaster.

Operations of heterogeneous networks in emergency conditions will be explored.

The experiments will provide feedbacks for further enhancement of related network and application protocols for emergency situation.

Project Leaders:

intERLab/AIT, Thailand  
INRIA, France  
WIDE Project, Japan

Technical Partners:

I<sup>2</sup>R (Singapore)  
Live E! Project (Japan)  
Telecoms Sans Frontieres (France)

Sponsors:

STIC-ASIE Programme (Ministry of Foreign Affairs, France), INRIA (France), French Regional Cooperation, Ministry of ICT (Thailand), Shin Satellite, APAN-TH (APAN05), Asia Broadband (Japan), CAT Telecom (Thailand) and IIJ (Japan).



# Elephants Used in 2005





# Culturally Appropriate





# Setting Up HQ





# Inter-Site VSAT





# Checking VSAT





# Village on the Plain





# Moving from Gateway





# Placement of First Hop





# Moving to Next Hop





# Hop Three





# 3.5 Hops Out





# Voice & Video at Hop 3





# View to Hop Three





# HQ at Camp





# Ellie's Opinion of UI





# Learning to Type and Ride





# Expert Tries



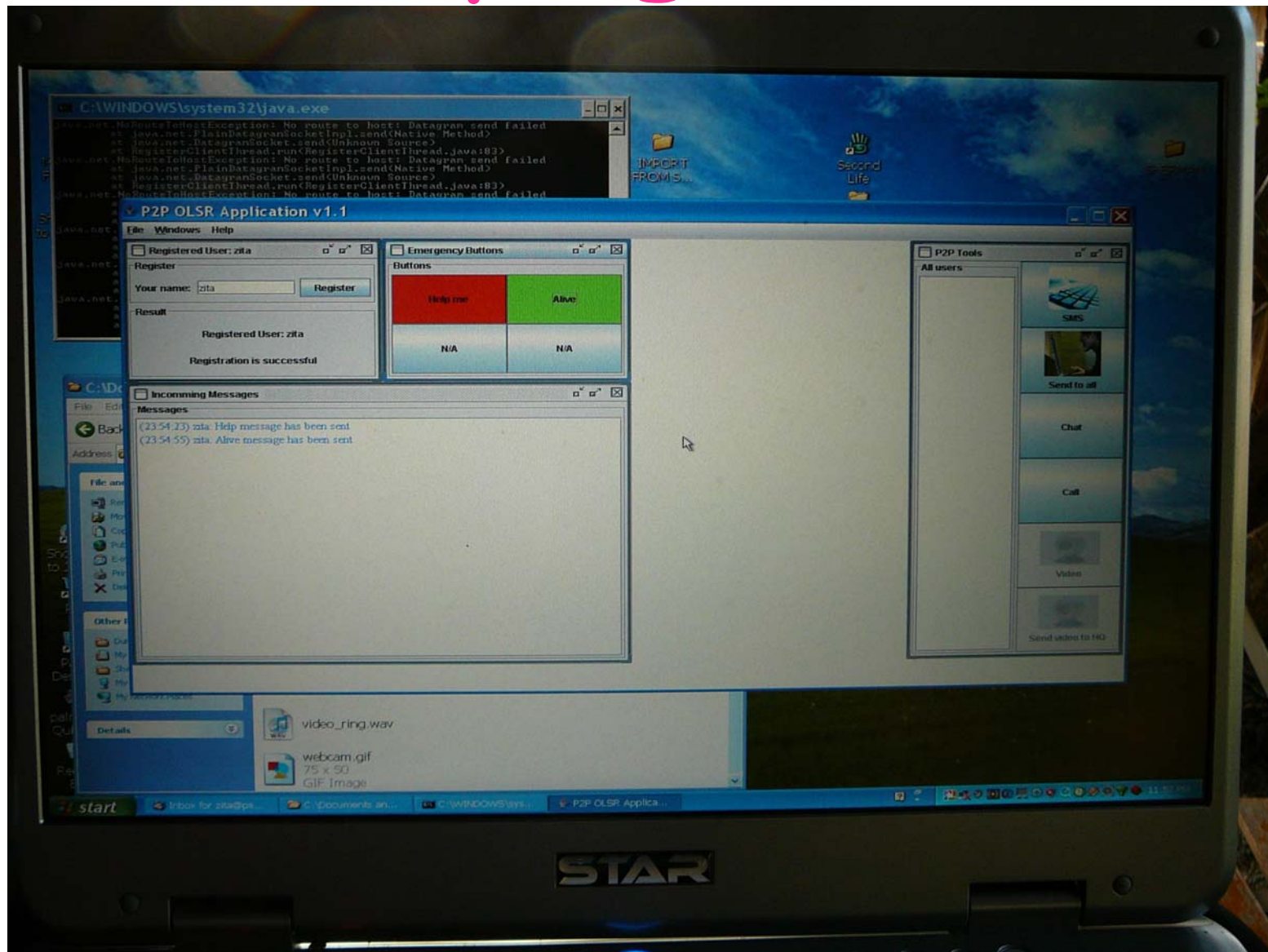


# And Succeeds!





# First 'ping' on Ellie





# Ganesh Approves

