



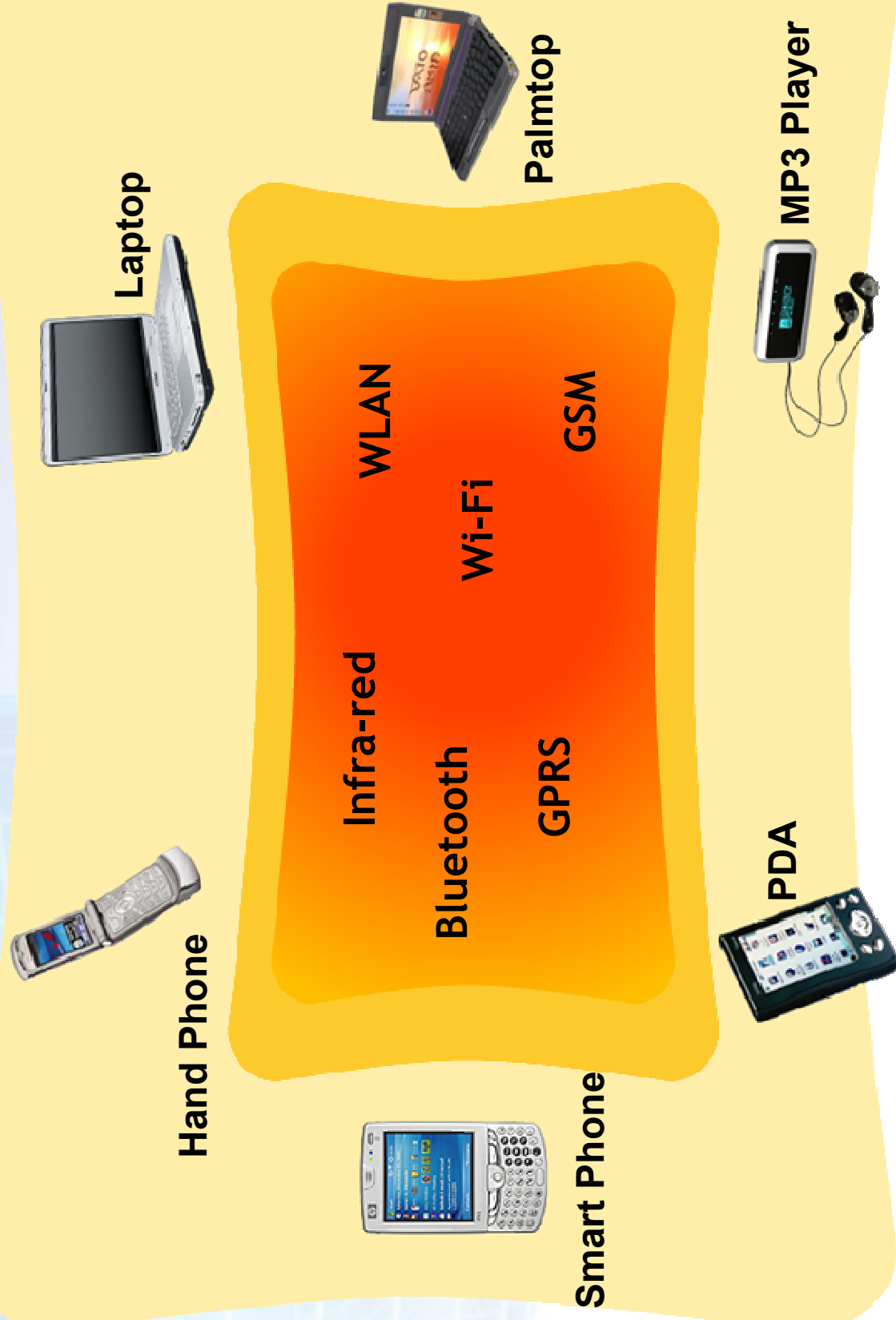
Mobile Learning in Open and Distance Education: **Issues & Challenges**

Professor Dr Mansor Fadzil

Senior Vice President, Open University Malaysia

The 1st Asia Pacific Regional Mobile Learning & Edutainment Conference
Kuala Lumpur, 7-9 August 2007

What Constitutes Mobile Devices?



What Drives Mobile Learning?

Accessibility

- Broadband
- Wi-Fi
- Hotspots
- 3G
- Wi-Max

Cost

- Mid-Level notebooks cost about US 833
- Lower level notebooks being developed at US 100
- Connectivity cost getting lower
- Hand held devices getting cheaper

How Accessible and Cost-Effective is Mobile Learning?

A Comparison of Different Open Distance Education

Technologies

Less Affordable Economies

- Print Resources
- Face-to-face
- Radio
- Television
- Audio tapes
- Video tapes

Cost-effective and Affordable

Mobile Technologies

More Affordable Economies

- Internet Video Conferencing
- Internet Audio Conferencing
- Electronic Discussion
- Boards
- Emails
- HTML Content
- Courseware (CD)
- Audio Clips (mp3)
- Video Clips (mpeg4)

Cost-effective and Affordable

Why Embark on Mobile Learning?

- **To suit learner learning styles**
 - ➔ High level of interactivity
 - ➔ Multi-tasking
- **To suit new learning theories**
 - ➔ Collaborative learning
 - ➔ Authentic Learning
- **To capitalise unique capabilities of mobile technologies**
 - ➔ Flexibility
 - ➔ Mobility
- **To share effective learning content more readily**
 - ➔ Enable more learners to enjoy meaningful learning
- **To capitalise on the accessibility**
 - ➔ Estimated that by 2010 almost half the world will have access to mobile web.

What are the Issues and Challenges?

Instructional Design

Content

Communication Cost

Format

Security

Memory

Instructional Design

What are OUM Efforts?

**Flexibility in
accessing content:
Downloadable files
from OUM
i-Radio**

**Direct connect to
i-Radio via
mobile
technologies**

**Ensure content is
well integrated
into the total
learning process**

**Ensure
communication
costs are
affordable**

**Ensure content is
well designed to
suit mobile
architecture**



Conclusion

- ➔ Mobile technologies are giving a different face-lift to the learning process
- ➔ There exist a synergy between the new-age-learners and mobile technology
- ➔ Mobile Technologies transgress poor and rich economies