## CPET 565/CPET 499 Mobile Computing Systems Lecture 3 Mobile Devices & Technologies

## Fall 2012

A Specialty Course for Purdue University's M.S. in Technology Graduate Program

## Paul I-Hai Lin, Professor

Dept. of Computer, Electrical and Information Technology
Purdue University Fort Wayne Campus

Prof. Paul Lin

1

## Mobile Computing Device Technologies

- Mobile Devices Hardware
- Mobile Service providers
- Application Categories
- Mobile Peripheral Devices
- Operating Systems
- Development Tools

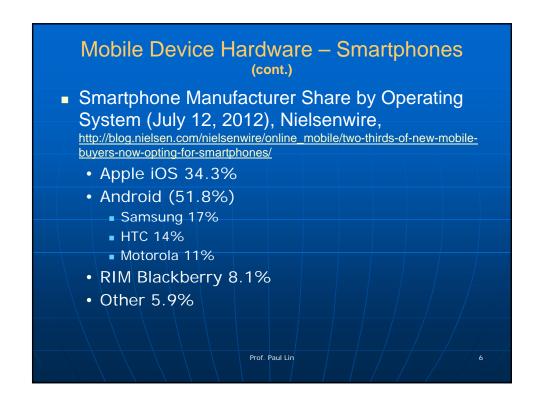
Prof. Paul Lin

2

# Mobile Device Hardware SmartPhones Tablets, iPad Rugged Laptop for Enterprise Solutions Wireless Smart Sensors



# Operating Systems for Mobile Device IOS Android Microsoft Mobile 7, 7.5, 8? RIM



# Mobile Device Hardware – Smartphones (cont.) Mobile/Tablet Operating System Market Share, (August 2012), NetMarketShare, http://www.netmarketshare.com/operating-system-market-share.aspx Apple iOS 65.94% Android 20.93% Others



