# Performance Evaluation in Wireless Networks and Technologies from 2.5 G, 3G, LTE to 4G and Beyond ICIW 2008, AICT 2008

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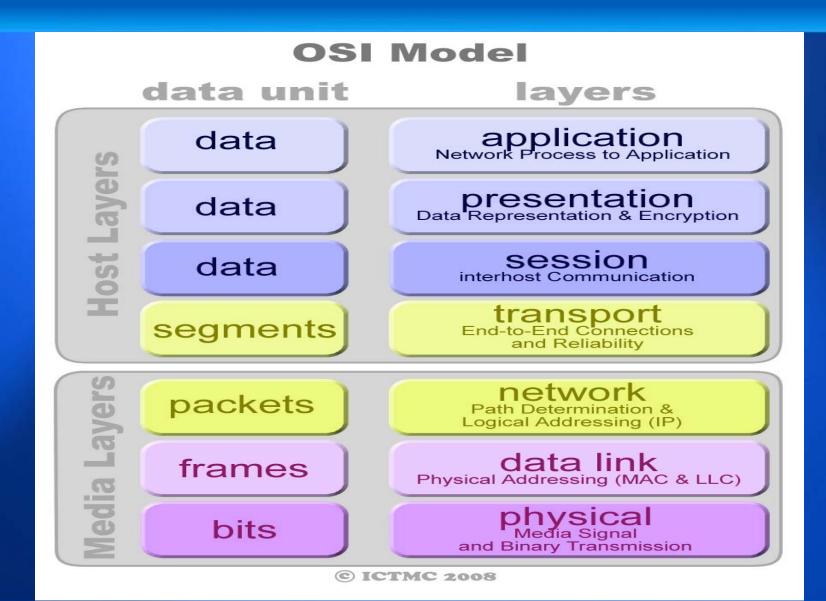
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# FI vs. IP





### **Current OSI Model**



### **OSI Model vs. FI Model**

© ICTMC 2008 data unit new layers layers application
Network Process to Application data presentation
Data Representation & Encryption application data Session Interhost Communication data transport End-to-End Connections and Reliability segments mediation network packets Path Determination & Logical Addressing (IP) data link
Physical Addressing (MAC & LLC) frames connection physical Media Signal and Binary Transmission bits

## FI 3-Layers Model



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application

Overlay adapted to underlying layers Increase efficiency and robustness

mediation

Supporting transport over any kind of networks

connection

Heterogenity of network technologies Interoperability between technologies

### FI: The New Architecture

