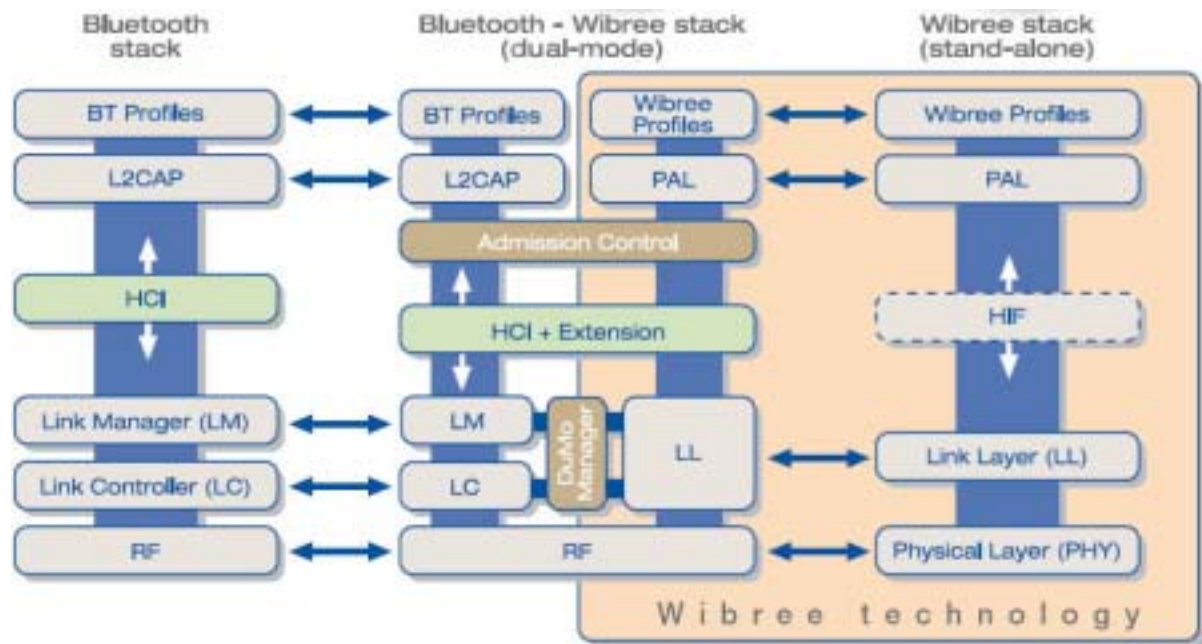


[WPAN]

가 (short range)
(mobile computer), , PDA, PC,
. 2007 v2.1+EDR(Enhanced Data Rate)
WPAN(Wireless
Personal Area Network)

(Ultra Low Power)

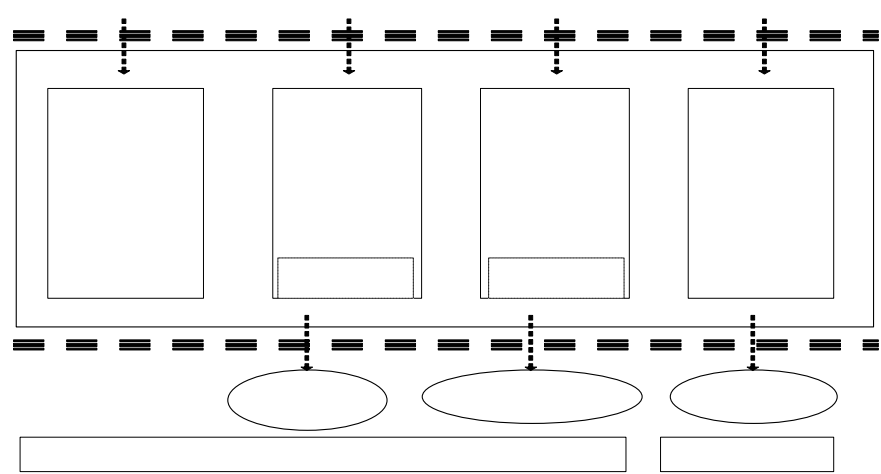
2007 6 SIG(Special Interest Group) 2001 Nokia
Wibree ULP(Ultra
Low Power)
ULP
가
ULP Dual mode Stand-alone mode . Dual mode
Stand-alone ULP 가
가 , Stand-alone mode chip
가



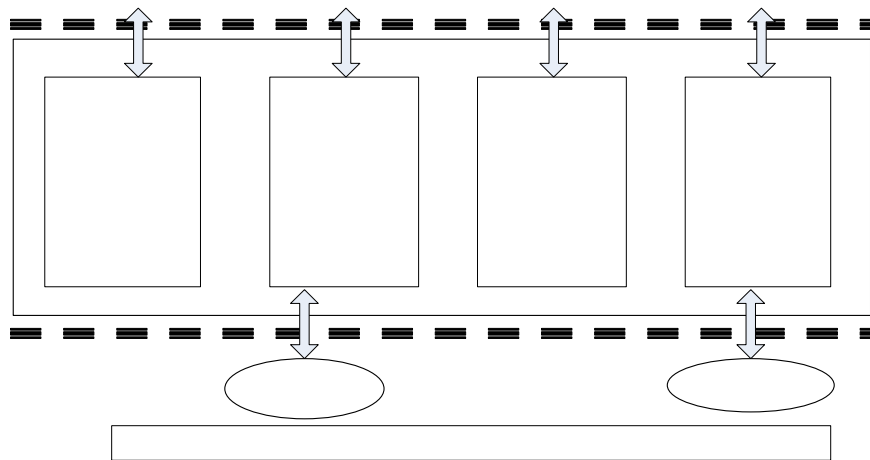
< 1> ULP

ULP 가 1/10 , , PC , Entertainment, ULP
HID(Human Interface Devices), Sensor, MED(Medical Devices),
RD(Remote Display) ULP v0.5.01 D05r14가
core BARB(Bluetooth Architecture Review Board)
2009 1/4

SIG SIG WiMedia Alliance UWB(Ultra
Wideband) IEEE
802.11
SIG 가 802.11
UWB 가
802.11 UWB
802.11 PAL(Protocol Adaptation Layer) draft D07r08
, UWB PAL draft D05r12 . 2008
2009 802.11 가



< 2> Internal Structure of the UWB PAL



< 3> Internal Structure of the 802.11 PAL

AMP HCI Inter

, PDA, , , , MP3P, **PAL**
 SIG 2007 6 Wibree
 가 Wibree ULP
 , 2008 802.11 가
 WPAN

PAL Man



< 4> Umbrella

MLME SAP interface

(TTA

BQTF

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