

Android:

New Experience of Mobile Computing

Agenda

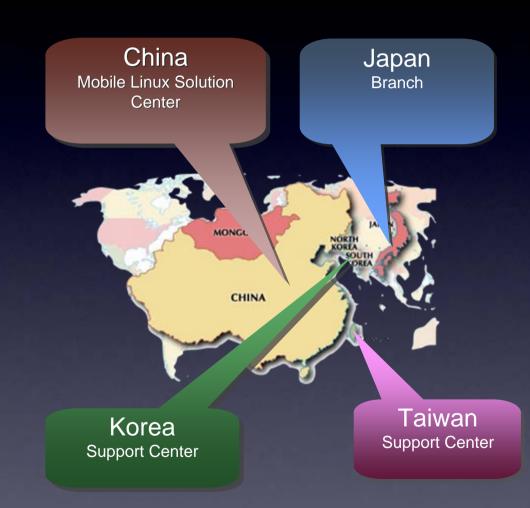
- ThunderSoft: Innovative Android & Mobile Solution Provider
- Android for Smartphone
- Android for Smartbook
- Partnership
- Android & Mobile Linux Solution Demo

ThunderSoft:

Innovative Android & Mobile Solution Provider

Company Profile

- The pioneer mobile turn-key solution & service provider
- Headquarter in Beijing;
- Branch in Tokyo;
- Support Center in Korea
- Support Center in Taiwan



Our Mission

Provide commercial quality mobile Linux/Android solution & service to accelerate OEM time-to-market

Deliver commercial quality Mobile Linux OS/ Android based solution

Develop & Enhance key mobile applications

UI Design & Implementation

Pre-integrate key 3rd party applications & Deliver turn key solution

Provide customization & support services

Our Value

- Experienced Mobile Linux/Android Engineer Team
- Professional & Global
 ISO9001, ISO27001, CMMI3, Multi-lingual, on site support center in APAC
- Rich Oversea Experience

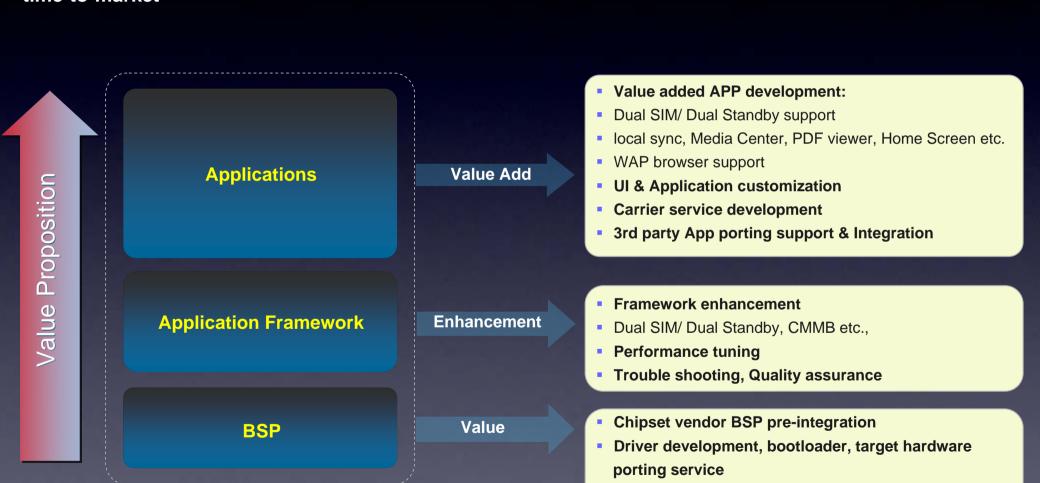
 Extensive experiences and knowhow on overseas market.
- Rich Ecosystem Partners
 Strategic partnership with top chipset vendors & ISVs
- Cost Effective





Android for Smartphone: Value Proposition

Provide commercialized Android turn key solution and professional technical service to enable OEM shorter time-to-market



Quality assurance

Target Hardware Porting

Bootloader

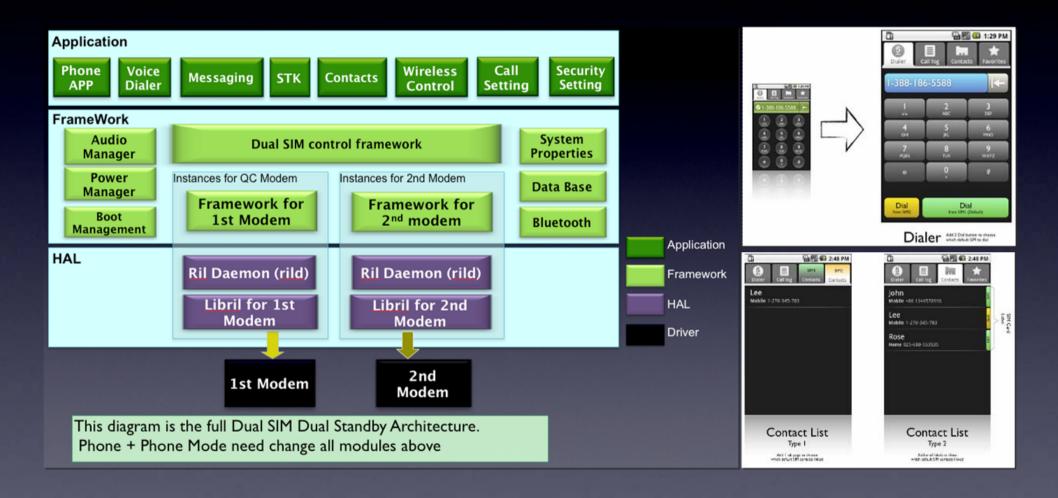
- Fastboot, ADB etc.
- Recovery

Driver Development

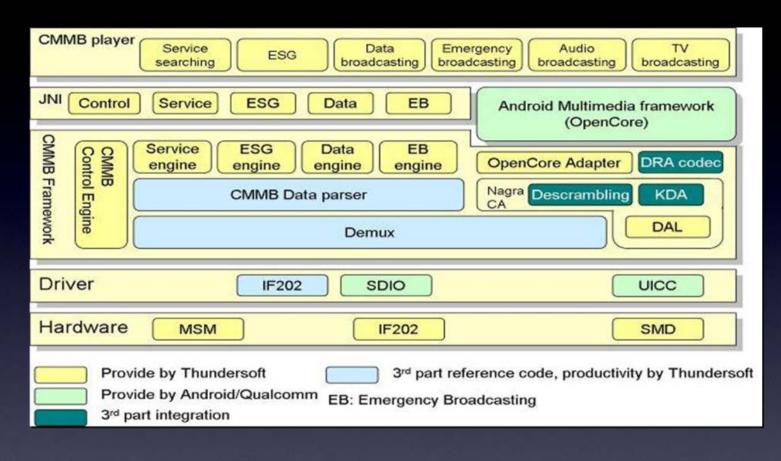
- LCD, Touch Panel
- GPS
- G-Sensor
- Vibrator
- Power Management / Charging
- Camera
- SD Card / E-MMC
- Speaker, MIC
- System Power on / off, LED, GPIO-Key



Dual SIM Solution: Architecture



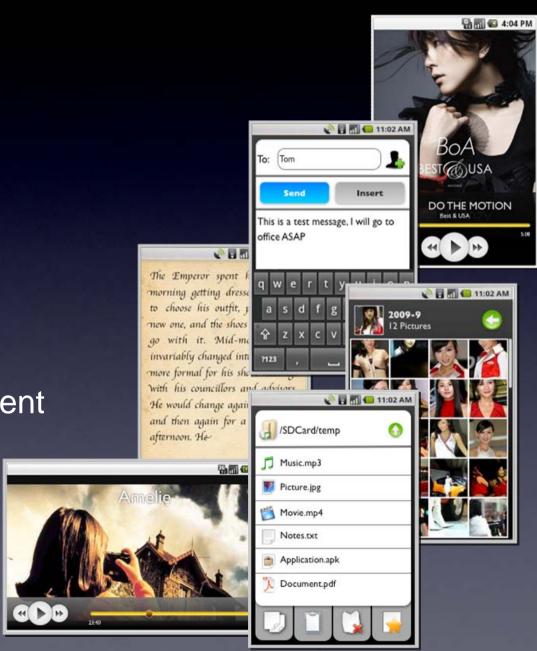
CMMB Solution





Value added Applications

- Local Sync
- Media Center
- Backup/Restore
- File Manager
- PDF Viewer
- Theme Manager
- Carrier Service development
- More Widgets
- Enhanced Browser



Solution Ready

- Flash
- Full functional Office
- Exchange Active Sync
- Media & Codec (Real)
- Handwriting
- Navigation



UI Enhancement

- New UI design & Implementation
- Theme Manager
- ❖ Multi-Touch



Android For Smartbook



Android for Smartbook?

Issues when using Android on Smartbook:

- Only support single window, and no window resize, title bar, scroll bar etc.
- Designed for touch-screen, no mouse and keyboard support
- Low resolution: Only support up to WVGA
- No support VGA out
- No support for USB massive storage, NTFS

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ThunderSoft Innovative Solutions

- Multi-Window
- Window resize, title bar, scroll bar etc.
- Task switch
- Mouse cursor
- High Resolution
- USB massive storage
- VGA out





New UI Design

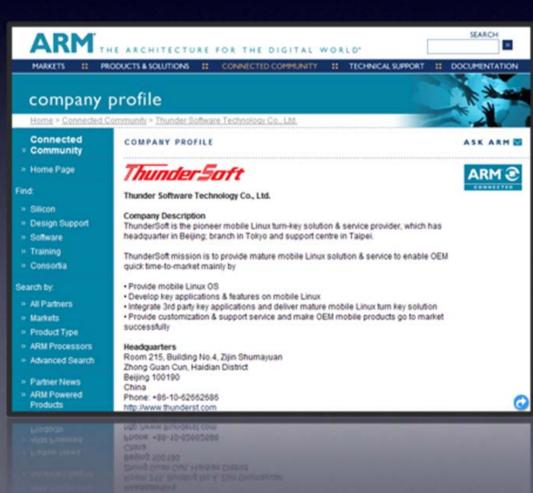


Partnership

Partnership With ARM

- Official software turn key solution partner with ARM
- Direct technical support from ARM
- Product Roadmap Alignment
- Enable eco-system partners together





Partnership with Qualcomm

Cooperate with Qualcomm for 2 years on Linux enabling

Provide solutions for many OEM/ODMs

Wistron Phook, Inventec Alaska, Global OEMs etc.

Direct & Deep Co-operation

Co-work on BSP

2D, 3D, h/w codec, power management, phone stack, Xwindow integration, Bluetooth, etc.

Testing

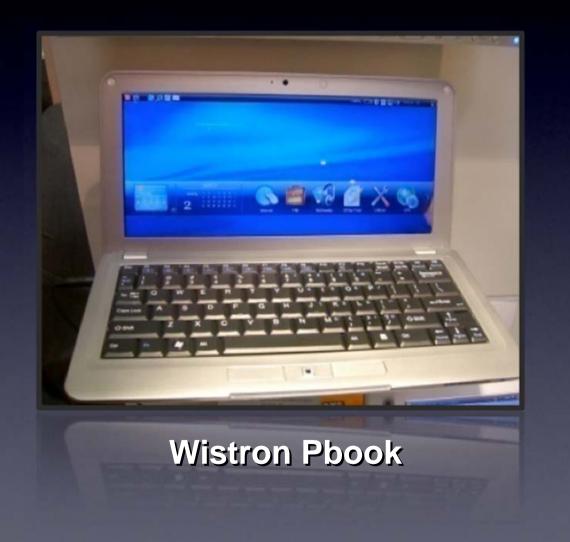
Work on-site at QCOM headquarter Third-party enabling

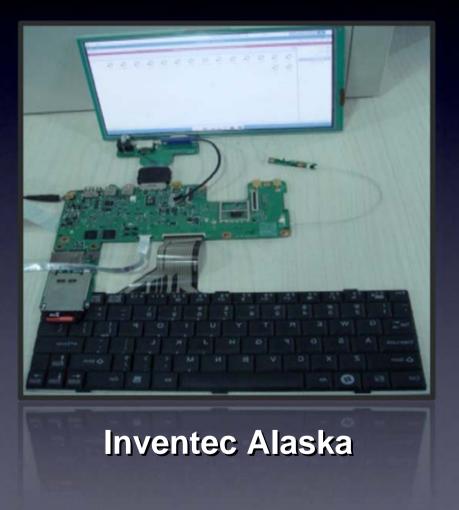
Flash, Skype, Java, Office, Navigation, etc.



8K Devices Running ThunderSoft Solution

Millos Linux solution for Pbook won LAPTOP's Best of CTIA Award





Smartphone Reference Design

- Work with Qualcomm selected IDH/ODM to develop 7K based Android Smartphone reference design.
- Team up with Qualcomm for China open market.
- Provide value added feature for Qualcomm platform, such as Dual Sim / Dual Standby, CMMB etc.

Partnership with Freescale

- Thunersoft is Freescale supported software solution partner on i.MX51
- Project
 - Freescale reference design
- Millos and Android solution running on i.MX51





Partnership with NVIDIA

- Formal software solution & service provider on NVIDIA Tegra platform
- Porting Android Smartbook
 Solution on Tegra T20 platform
- BSP integration
- Direct support from NVIDIA HQ
- Jointly support major ODM to make reference design on Tegra T20 and demo on CES



Partnership with TI

- TI supported software solution partner
- BSP support and integration
- Android solution ported on Zoom2





Partnership With Intel

■ Intel Netbook & MID partner

■ Menlow, Moorestown

■ Close cooperation with Intel

- Full support from Intel
- Intel MID R&D and technical support mainly in China
- Joint R&D and ValidationDirect

■ Enabling the Moorestown

- 1st public demo in MWC
- IDF demo
- Major features
- browsing internet over WIFI & 3G
- voice call via CMCC network
- HD content playback
- 3D desktop
- Pre-alpha delivered in April







ISV Partnership













































ThunderSoft





[Porting support]

Turn Key Software Solution

OEM Vendor











Design Win

Clarion MiND

"ThunderSoft has played an important role in our MID project. Their team has a good understanding of the software development process and their multilingual services have made our collaboration efficient. Their quick response and quality service has been impressive and resulted in a compelling user experience on the Clarion MiND."

Yoshiki Chubachi, Senior Project Manager of Clarion.



Android & Mobile Linux Solution Demo

Thank You

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