



ACCESS Linux Platform

The Worldwide Mobile Standard

ACCESS Linux Platform™ enables the creation of world-class mobile phones and wireless devices by providing an integrated, flexible and complete commercial-grade Linux®-based platform designed for the worldwide mobile phone and converged device markets.



The ACCESS Linux Mobile Advantage

Setting a New Standard

ACCESS Linux Platform™ sets a new standard for mobile Linux® device platforms. Using Linux technology, the worldwide standard for open source solutions, the ACCESS Linux Platform software combines best-in-class open source Linux components with proven mobile technologies from the portfolios of ACCESS CO., LTD. and ACCESS Systems Americas, Inc. (formerly PalmSource, Inc.) These components have been optimized and integrated to provide a flexible, customizable and open operating system software platform designed to provide handset and mobile device manufacturers, operators and third party developers with a solution that will enable them to deliver innovative and exciting new products.

ACCESS Linux Platform Product Overview

ACCESS Linux Platform comes from the creators of the successful operating system known as ACCESS Garnet™ OS (formerly known as Palm OS® Garnet) and continues the Garnet OS heritage of enabling the development of full-featured, ready to use mobile devices. The ACCESS Linux Platform software includes easy-to-use native applications for communications including telephony, productivity, and multimedia.

ACCESS Linux Platform includes ACCESS Garnet™ VM, a compatibility layer that allows thousands of existing applications written for ACCESS Garnet™ OS to run seamlessly (with little or no modification) on the ACCESS Linux Platform software. This unique compatibility layer has been designed to provide an easy migration path for users who rely on these applications and expands the addressable market for the current 30,000 68K-based Garnet™ OS applications.

Also included in ACCESS Linux Platform is the Company's Hiker™ Application Framework, the industry's first open source mobile Linux application framework for commercial use. Released under the MPL v1.1 license, the Hiker Application Framework integrates communication between applications, enabling a seamless user experience for music, messaging and other advanced features. The Hiker Application Framework also provides services needed for commercial products, including security and application management. The Hiker Application Framework is available for download at:

www.access-company.com/about/opensource/download.html

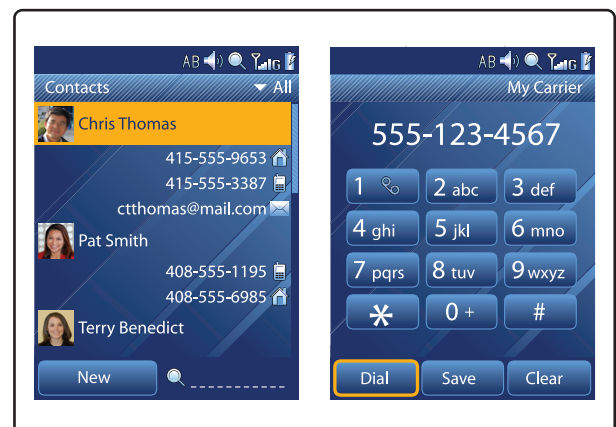
A World of Applications

ACCESS Linux Platform provides third party developers the opportunity to create new and differentiated applications. Because ACCESS Linux Platform includes three runtime environments, ACCESS Linux Platform represents an attractive opportunity for third party developers. Developers can create applications that are ACCESS Linux Platform native, Garnet OS (previously known as Palm OS Garnet) native or Java™ native.

The ACCESS Developer Network has developed the ACCESS Linux Platform™ Development Suite to provide developers the resources, tools and information they need to create applications that meet the needs of a wide variety of end users worldwide.

Eclipse™ is the foundation of a powerful set of new development tools delivered in the ACCESS Linux Platform Development Suite. The Eclipse IDE, along with the C Developer's Toolkit (CDT), has been augmented by ACCESS to work closely with the ACCESS Linux Platform simulator for application deployment and source-level debugging. Eclipse works with a custom version of the Glade open source GUI utility, allowing application UIs to be simply constructed.

ACCESS Garnet VM provides the ability to run existing ACCESS Garnet OS (formerly known as Palm OS Garnet) applications on the ACCESS Linux Platform. The ACCESS Developer Network has developed the ACCESS Garnet VM Compatibility Kit, a stand-alone kit that enables developers to test their ACCESS Garnet OS-based applications' compatibility with ACCESS Linux Platform.





Product Details

Telephony and Network Support

- Full-featured telephone application with speed dial, call forward/wait/hold/bar, & multi-party conferencing
- Telephony radios (including 3G) are easily integrated with the telephony framework of ACCESS Linux Platform
- OMA client provisioning v1.2 Linux Solution
- Based on a multitasking, multithreaded Linux kernel 2.6.14 or later, and includes the Hiker Application Framework™

Networking and Communications

Includes a modern and robust connection manager capable of handling multiple, simultaneous connections

- TCP/IP
- WiFi (802.11g)
- Bluetooth® 2.0 + EDR
- USB
- IrDA
- Serial

Native Applications

All native ACCESS proprietary applications support inter-application communications for data interchange

- Phone
- Contacts
- Calendar
- Memo
- Tasks
- HotSync®
- NetFront™ Browser
- HandMail™ (available 2Q2007)
- SMS+
- iMessenger™
- Music
- Video
- Photos & Studio
- Camera
- Documents (available 2Q2007)
- Utilities (Clock, Calculator, Recorder, Home Screen, Flight Mode)

Compatibility

- Garnet VM allows properly written of ACCESS Garnet OS (formerly Palm OS Garnet) applications to run unaltered on an ACCESS Linux Platform mobile device
- Java Virtual Machine, JV-Lite™ 2 Wireless Edition software, including popular JSR modules



- Platform language support: English, French, German, Italian, Spanish, Simplified Chinese, Traditional Chinese, and Japanese

Desktop Software and HotSync Software

- Manage personal information on a Windows® XP desktop computer to add, edit or delete contact records, calendar events, memos and tasks and synchronize using HotSync software, which now supports OMA DS v1.2 (SyncML)
- Backup and restore information between the device and desktop as well as install native, Garnet™ OS, Java applications and media files with HotSync

Security

- Security policy framework and VPN framework
- Additional security frameworks can be added

Sound

- Mono microphone input/headset input
- Stereo out
- Speaker(s)

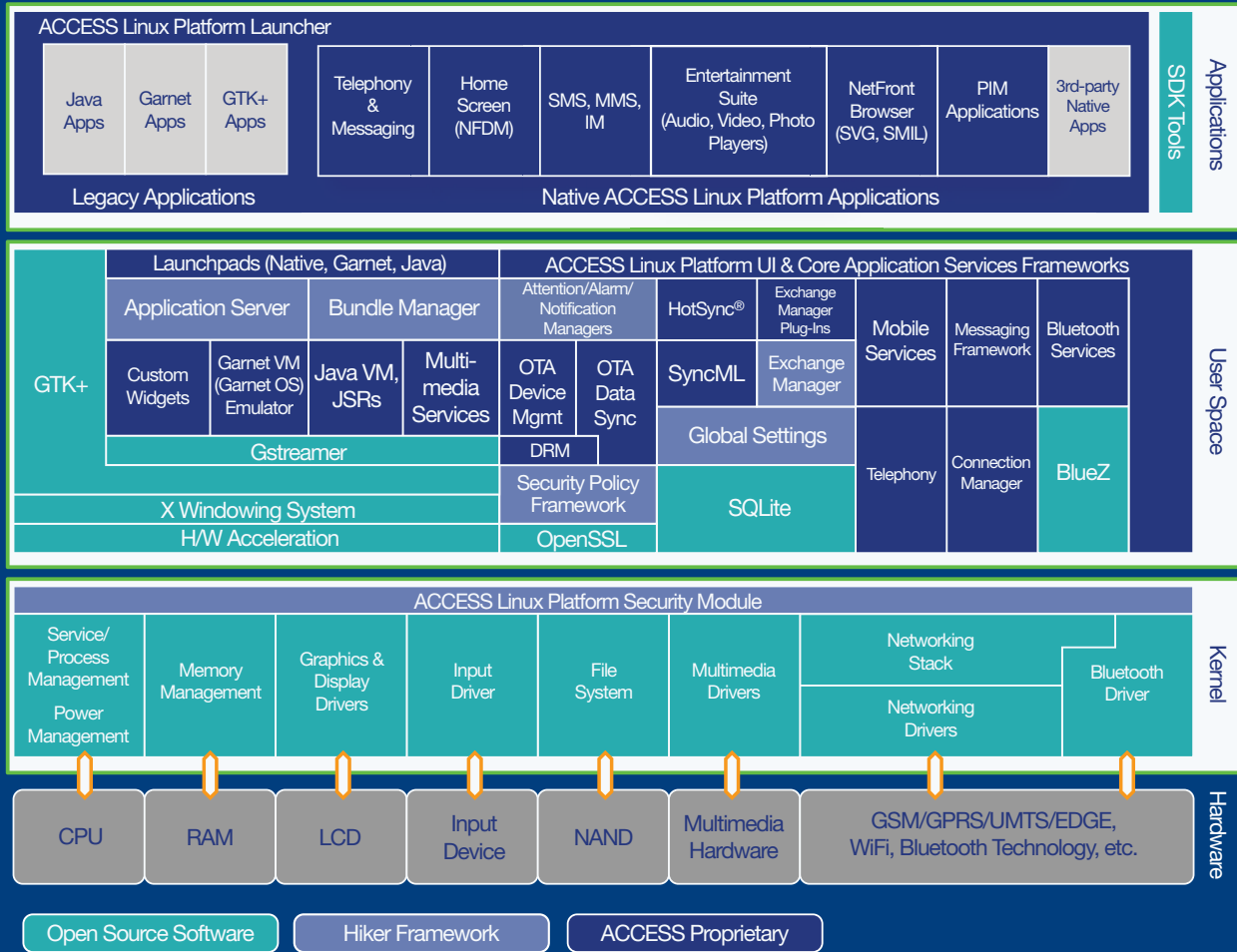
Tools

- A complete and integrated suite of open source based tools are available for developing ACCESS Linux Platform native applications

Hardware Requirements

- Performance
 - 200 MHz ARM 9 minimum; 400 MHz ARM 9 or greater recommended
- Display
 - 240 x 320 display - QVGA (optimized for the platform)
 - 320 X 480 display - HVGA
 - 800 X 480 display - Widescreen (maximum)
 - 65k color support (minimum)
 - 256k color support (maximum)
- Memory
 - 64 MB RAM (minimum)
 - 64 MB Flash EFIGS (minimum); two-byte localization or 3G application suite may require more
- Input
 - Qwerty keyboard support
 - 12-key keypad with 5-way navigation support
 - Touch screen digitizer support
 - On hook / Off hook
 - 4 Hard Keys required
 - 1 Hard Key optional

ACCESS Linux Platform Diagram



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