



ACCESS Product and Technology Update

**June 18, 2007
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Targets for operating results and other forward-looking statements contained in this presentation represent management's judgments based on information available at the time this presentation was prepared. Such statements embody a variety of uncertainties. Consequently, actual results may differ from these targets and forecasts. Investors are therefore cautioned not to make investment decisions based solely on these forward-looking statements

More than 100M handsets use ACCESS software, to be shipped in 2007 (forecast)

1. 2007 Spring, Summer models are announced by operators: Almost all models (about 55 models) use ACCESS software... increasing beyond expectation
2. Recent Topics
 - Increasing shipment of NetFront full browser
 - Increasing shipment of 1 seg browser (22 models)
 - Advanced mail functions (Wrapping mail, 3D mail)
 - Increased line-up of NMCS – TV application NetFront MobiTunes
3. ALP: Toward the shipment
 - Collaboration with Orange
 - Several other projects in progress
 - Collaboration with chipset vendors - TI, Marvell, etc...
4. Many inquiries on IP infusion products, Approaching NGN
 - Released 'ZebOS 7.5' Switch/ Router software (2007-Apr-25th)
5. Other
 - Released browser which support 'acTVila' service (2007-0Apr-25th)
 - Licensing NetFront Living Connect (DLNA) to Planex (2007-May-15th)

NetFront Mobile Client Suite

Software modules for handsets are increasing so that more time/cost has been increasing for integration work.

ACCESS can provide Application Suite by integrating major components

Components:

- NetFront™ Browser
- NetFront™ Message Client (SMTP/POP3, M-IMAP, MMS)
- JV-Lite™2 Wireless Edition (MIDP, JTWI, Doja) + JAM
- NetFront™ SMIL Player
- NetFront™ SVG Viewer
- NetFront™ Sync Client
- NetFront™ Document Viewer
- NetFront™ IMS Client
- NetFront™ Media Player
- NetFront™ Living Connect
- NetFront™ MobiTunes
- ...

New Toshiba for Willcom announced on May 31st



2006 – 2007

i-mode Browser
Deco-mail
PDF
Doja (partly)
Full Browser
TV Browser
SyncML
Doc Viewer(partly)

EZ Mail
EZ Channel (SMIL)
EZ Channel Plus
Decoration mail
TV Browser
Digital radio
SyncML
Others

Browser
Full Browser
Live Monitor
RSS (S!Cast)
S!Mail
TV Browser
IMS (SIP, Presence
Push to Talk)
MobiTunes (TV application)

Browser
Mail
Java (new func)
PDF
DoC Viewer
Full Browser
Others

Providing new service for KDDI (Wrapping mail, 3D mail)

Released 'NetFront Messaging Client'
For KDDI's new service 'Wrapping mail'
Announced on May 22nd

Provide '3D mail' software
New function of Toshiba handset for au service
Announced on May 22nd

「NetFront Messaging Client」



今の気持ちにピッタリな画像を
選んで添付するだけ！！

KDDI 'Wrapping mail' - image of the service (source; KDDI HP)



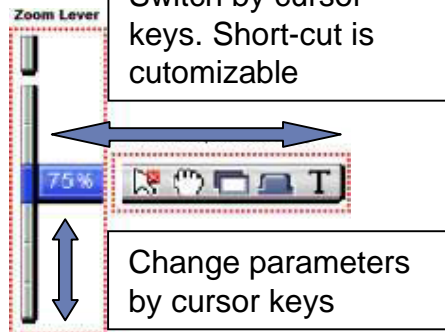
'Wrapping mail'

can deal with 3D animation

'NetFront Messaging Client' is in 10 models

○ Rendering speed, Zoom & Scroll functions Advanced

Smart Slider Menu



Switch by cursor keys. Short-cut is customizable

Change parameters by cursor keys

Smart Slider Menu™ is the menu for executing each function through showing a tool bar (short-cut icon) on the contents

Smart Swing Navi



Starting camera mode and entering into Smart Swing Navi™ mode, then contents will be scrolled based on the reclining angle of the handset

PagePilot



By scrolling down, PagePilot mode is on



By keeping on pushing scroll key, NetFront Browser automatically change to PagePilot mode and realize smooth navigation with pan & zoom functions

Bookmark Thumbnail



Easy to choose bookmark by using bookmark thumbnail, to show page title, URL, and page thumbnail at the same time.

NetFront Browser new function - Widgets

○ NetFront Browser Widgets functions in detail

- HTML, CSS, JavaScript, SVG, Plug-in realize Widgets environment
- W3C Widgets 1.0 (working draft) based
- Downloadable Web Application to mobile handset and home appliances
- Extensible functions by Plug-in
- Making sure of Security, Signature of Contents



○ Widgets Service Image

- Pop-up indication to standby screen, and other applications
 - New mail
 - Weather forecast etc...
- Full Screen Mode
 - Boot the selected Widgets in full screen
 - Jump to the webpage from the link specified in Widgets

Weather



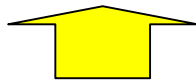
Many inquiries on IP infusion Products Approaching NGN with network devices



NGN (Next Generation Network): Expect Integrated Services (including broadcasting) over High-speed Broadband network

Networked
DTV/IP-TV

Home
Gateway



Digital TV
BML

IP B'cast
Internet
EPG Linkage

Mobile Convergence



NGN Switch/Router
IP Broadcasting IP
multicast
High availability
Latest Layer 2/ Layer 3



ipinfusion
An ACCESS Company

IP Infusion New Product "ZebOS7.5"
Announced on Apr 25th



- NetFront Browser
- BML Browser
- ALP
- TV applications
- NetFront Living Connect (DLNA)
-



DLNA (NetFront Living Connect) Product Collaboration with Planex



Exhibition in ESEC

Licensing ACCESS technology to PLANEX
- Start developing new products supporting
DLNA1.5 and DTCP-IP standards -
Announced on May 15th

Unleash Your Digital Life

DLNAソリューション
PLAYSTATION®3がホームサーバに！

今回ご紹介する一連のネット家電・携帯電話のデモンストレーションは、2008～2011年にかけてネットワーク対応機器の増大により、このような可能性が広がることをイメージしていただけるように配慮いたしました。特にこのコーナーではテーマの通り

- ①Sigma Designs Envision8634 :メディアプレイヤーの稼働をするもの
- ②ソニー・コンピュータエンタテインメント製 PLAYSTATION, 3(PS3) :ホームサーバの稼働をするもの

が相互に接続することで、PS3がホームサーバとして、他の機器にコンテンツを提供する可能性をイメージしていただけるものになっています。
デモコーナー全体でそれぞれに設置していますので、他コーナーも是非ともご覧ください。

NetFront® Living Connect
マルチメディアホームネットワーク
DLNAソリューション

TV、ハードディスクレコーダー、携帯電話、デジタルカメラ、プリンターなどあらゆる組み込み機器で動作できるように設計したDLNA対応機器向け製品です。
NetFront® Browserをはじめサードパーティ製品との連携により、よりパワフルなトータルソリューションとしても提供可能です。

ACCESS™

ACCESS
'NetFront Living Connect'

Planex
'LAN type Hard-disk system
supporting home server functions'
etc..



DEVELOP products that support
DLNA1.5 Standard
DTCP-IP Standard

Embedding 'NetFront Living Connect' to 'NAS system',
which is a PLANEX network product for information appliances,
To demonstrate networking with digital TV in the exhibition
'10th Embedded Systems Expo' (ESEC) ACCESS booth

○ NetFront DTV Profile

- Support ARIB based BML(Broadcast Markup Language)
- Support W3C based standard HTML
- Support 'Net TV2.0'description which is defined by Society for a Study of Networked Digital TV
- Released browser which support 'acTVila' service
Support the portal service for networked digital TV, provided by TV portal service KK.
Movie streaming to start (Announced 2006-June-14th)
- Shipped on Sharp 'AQUOS' etc...



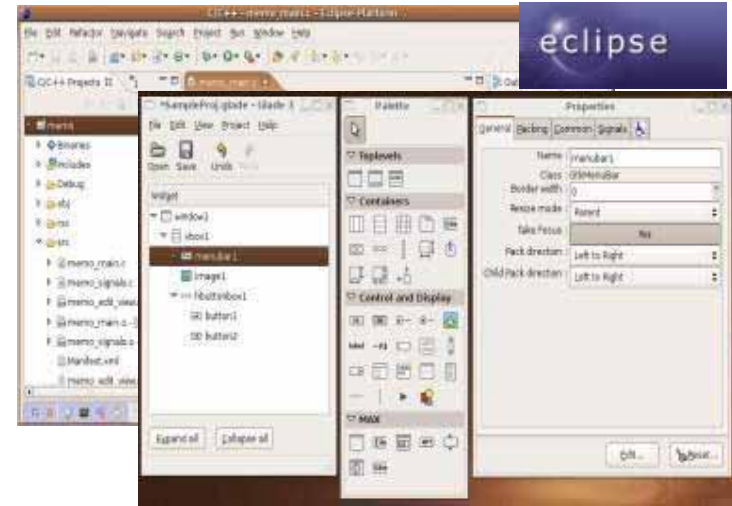
ALP Status

Linux® is now mobile
Go mobile with ACCESS Linux Platform™



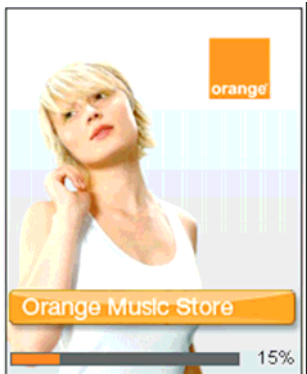
ALP: Toward the shipment

- Completion of ALP v1
- Released PDK (Product Development Kit)
- ALP provides Linux based Application Platform
- SDK available for 3rd party application partners
- Garnet VM (PalmOS emulator) for PalmOS applications, Leveraging 420,000 Palm Community
- Training and supporting developers

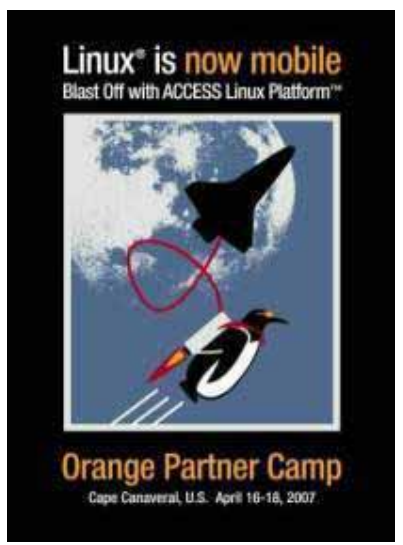


○ Collaboration with Orange in progress

- Announced on 14th Aug. 2006
- ACCESS/ Orange developing Orange Application Package for ALP



○ Providing training and support for ALP development for Orange partners (Florida, and Beijing)



"We will focus on three platforms: Microsoft, Symbian and Linux"
Yves Maitre, VP devices

ALP promotes development of Linux native applications.
Leveraging more than 25,000 PalmOS application assets.
Java VM is also implemented and run.



ALP native applications



POWERED

PalmOS applications



Java

Java applications



- 'ACE' - ACCESS' New Partner Program
59 companies Joined (2007-June-04th)
- Cooperating with Linux organizations
LiPS (Linux Phone Standards) Forum released a part of descriptions for mobile handset 'LiPS Release 1.0' (2007-June-11th)

- ACCESS Linux Platform is the next generation software platform for mobile handsets. It has openness and scalability of Linux, and also integrates ACCESS original software modules. Easy to customize, to meet the needs of handset vendors, and end-user. It provides the total Turn-Key solution.

Comparison by function layers

	ALP	MV	S60	OPWV	Brew	SVJE	SYMB	QTOP	WIN
Application Suites	●		●	◐		●		●	●
UI Framework	●		●	◐	●	●		●	●
Application Execution Environment	●		●	●	●	●	◐	●	●
Middleware	●	●	●	◐	◐	●	◐	●	●
Telephony	●				●		●		●
Kernel	●	●				●	●		●

Key: ALP = Access Linux Platform, MV = MontaVista Mobilinux, S60 = Nokia S60, OPWV = Openwave MIDAS, BREW = Qualcomm BREW, SVJE = SavaJe OS, SYMB = Symbian OS, QTOP = Trolltech Qtopia, WIN = Windows Mobile

ALP is running on various reference hardware



5月16日[水]~18日[金]開催
ESEC 第10回 組み込みシステム開発技術展

Sophia systems.



MARVELL®
 XScale®



OMAP3430



TEXAS INSTRUMENTS OMAP3430
 TI'S SEMICONDUCTOR TECHNOLOGY