BeIA®: The Complete IA Solution™

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The Complete IA Solution

BeIA is the complete IA solution that delivers client-side software, development and customization tools, device management services, and key third-party relationships to device and service providers and consumer electronics companies. BeIA delivers powerful functionality, including a comprehensive web browser, support for popular streaming media formats, application support, and remote device management in an exceptionally compact footprint (<6.5 MB). BeIA MAP, Be's management and administration platform, allows client appliance content to be managed remotely and software updates to be delivered automatically. BeIA's fast and clean development environment allows tailored customization with rapid time to market. BeIA's stable and responsive performance is supported on the prevailing internet appliance platforms.

BROWSING
Opera Browser
HTML 4.0
DHTML, XML, ECMA Script
CSS 1 and 2
HTTP 1.1
PersonalJava 3.0.1
JavaScript 1.3
SSL 2.0, 3.0

MEDIA
Streaming Audio/Video
RealNetworks RealPlayer Audio/Video
Macromedia Flash
MP3, WAV, AIFF
Dynamically loaded codecs (extensible support for new media types)

BeIA MAP (REMOTE MANAGEMENT)
Content and applications hosting
Client and account management
Dynamic code loading and unloading (on-the-fly updates, no rebooting, no user intervention required)
Security ensured

NETWORKING
Modem (hardware, software, controller-based)
Ethernet
HPNA 2.0
802.11b
Home RF
Ricochet

DISPLAY OPTIONS
SVGA
TV Out (NTSC, PAL)

PERIPHERAL SUPPORT
Serial/parallel port
USB (keyboard, mouse, cameras, others)
Printers (Epson, HP, others)
Compact Flash, DiskOnChip, DOM

HARDWARE PLATFORMS
X86 (Pentium class or better)
National Semiconductor Geode

BeIA's entire user interface is easily branded and customized using common web design tools.

BeIA's remote device management capability allows the secure, reliable update of client devices without user intervention.

BeIA's modular, dynamically configured architecture scales across a wide range of devices.