



NetFront™ Browser with Bytemobile EBO technology

Enabling a faster, richer and fuller web browsing experience for mobile users

The challenge: How to overcome network limits to deliver a better browsing experience

NetFront™ Browser is the most advanced, versatile and feature-rich browser in the mobile market today. Designed specifically for mobile devices, it delivers a “full-Internet experience”, enabling users to view full-featured Internet pages that take advantage of technologies such as ECMA Script, AJAX, and Flash.

The challenge is that content designed for a wide screen often uses large amounts of bandwidth, resulting in slow download speeds. In addition, many Internet servers are configured for low-latency network links, and require many costly data round-trips between the client and the server.

The content rendering speed of the NetFront Browser is now pushing the network-imposed limits. Even the most powerful 3.5G networks in operation today are burdened by increasingly data-rich content, especially multimedia.

The only way to improve browsing performance beyond these limits is through dynamic server-assisted optimization. Cooperation between the mobile browser and the optimization server in an operator’s network is essential to significantly reduce download times and optimize the browsing experience.

The solution: NetFront Browser with Bytemobile EBO technology

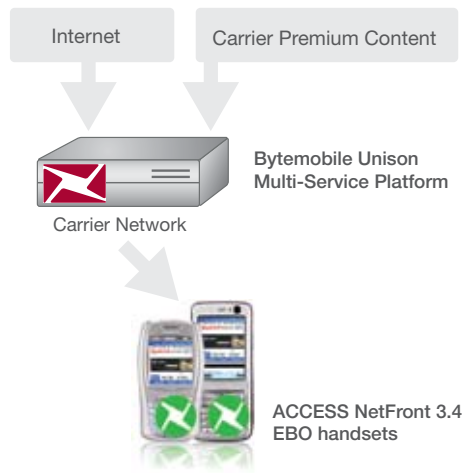
ACCESS and Bytemobile have come together to offer an interoperable solution, which enables wireless operators to use network bandwidth more efficiently and significantly improve the browsing experience for their subscribers.

NetFront Browser is now pre-integrated with Bytemobile’s Embedded Browser Optimization (EBO) technology. This enables NetFront Browser to recognize the presence of the Bytemobile Unison™ Optimization Services Node (OSN) Monaco™ Edition in the network and automatically enables Bytemobile’s proprietary client optimization techniques.

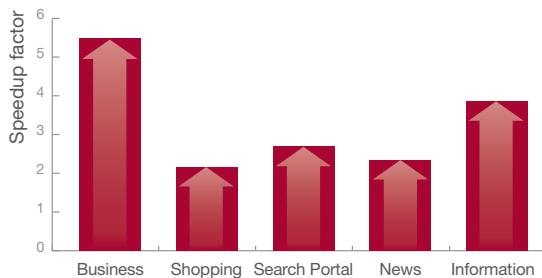
OSN Monaco Edition provides dynamic optimization of network traffic through data reduction, protocol acceleration and content caching to increase bandwidth, reduce latency and enhance the user experience.

NetFront Browser collaborates dynamically with the OSN Monaco Edition server, communicating the browser characteristics, device capabilities and personalization settings and deploying specialized optimization techniques. These techniques ensure that content is delivered over the network to the device in the most appropriate form, for example, adjusting image sizes and quality as required.

Simplified Architecture



Improvement in Download Speeds



ACCESS
www.access-company.com

Benefits for the end-user

A dramatically improved and more predictable browsing experience for end-users:

- Faster downloads of full-HTML content
- Shorter time to initial page load and faster complete download time
- Built-in optimization techniques with no installation required or settings to change
- Improved browsing on both smartphones and feature phones
- Transparent to transactions and secure connections

Benefits for wireless operators

A higher return on investment:

- Reduced data transfer and more effective utilization of network bandwidth
- Increased speed will fuel user demand for new services and drive revenue growth
- Data reduction will reduce operating and capital equipment costs

Bytemobile, an ACE partner

Bytemobile is a member of the ACCESS Connect Ecosystem (ACE) global partnership program - a network of leading companies setting the market direction for innovative converged technologies and solutions.

Bytemobile commands a dominant share of the global market for wireless data network optimization, serving 81 operators and more than 1 billion subscribers in 51 countries worldwide. Bytemobile offers a unified architecture of optimized IP services on a carrier-grade, standards-based platform designed to improve network efficiency, capacity and performance and optimize the end-user experience.



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