



## Jbed<sup>™</sup> Advanced

### Power for your applications

Jbed Advanced is an industry-leading Java<sup>™</sup> ME platform recognised for its superior performance, features, portability and development tools. It is designed to power applications, ensuring mobile users the ultimate user experiences on any mobile phone. Myriad also offers comprehensive platform support with a competitive range of JSRs.

#### Key Benefits

##### Superior performance

###### Ensure the best user experience

Jbed Advanced provides superior performance on a wide range of platforms, ranging from low-end to high-end platforms. Thanks to its fast start-up and response time, Jbed Advanced ensures the ultimate user experience on all handsets. Power consumption is kept to a minimum ensuring optimal power for advanced services like 3D games and running multiple applications simultaneously. Benchmark scores demonstrate the excellent performance value of Jbed Advanced.

##### Innovation at the forefront

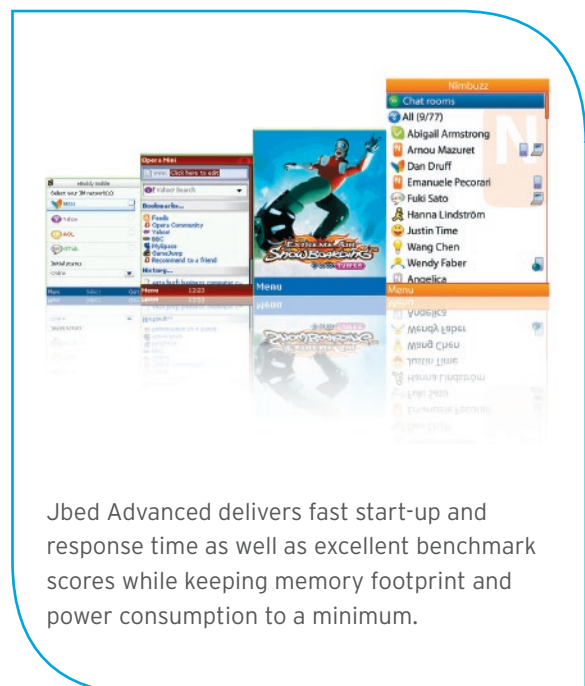
###### Stay ahead of competition

Jbed Advanced can turn phones into anything mobile users like - a music player, game console, Internet browser, etc. The multitasking capability of Jbed Advanced enables mobile users to run several applications simultaneously. With only two key presses, switching between running applications has never been easier! Myriad's cutting-edge Jbed Advanced enables our customers to provide high-performance software to different device types serving all consumer segments.

##### Best in class service

###### Accelerate time to market and reduce integration costs

Myriad has a long-standing reputation in bringing Jbed Advanced timely to market. Myriad offers services in line with its product offering. We are committed to support our customers to get high quality products seamless to their customers. The degree of involvement of the manufacturer in the integration process is commonly decided. This enhances client value at every stage in the product lifecycle from initial design to integration and testing.



Jbed Advanced delivers fast start-up and response time as well as excellent benchmark scores while keeping memory footprint and power consumption to a minimum.

## Jbed Advanced - a market-proven Java ME platform

With our Jbed Advanced solution powering one out of ten phones in the market today, we have the necessary experience in porting our Java Virtual Machine (JVM) to a broad variety of platforms, chipsets and operating systems. We have the technical know-how and tools needed to support mobile handset and chipset manufacturers ensuring a successful launch of their products. Our Java ME solutions are TCK-compliant and Sun-certified. Being leaders in Java technology we were the first to introduce a Multitasking Virtual Machine (MVM) into commercial handsets.

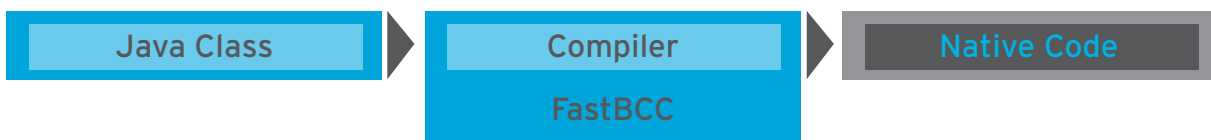
Jbed Advanced is built with cutting-edge technology and brings best-in-class execution performance to Java Applications through its supreme AOT compilation approach. Our software solution achieves highest benchmark scores and preserves phone memory without requiring a Java Hardware accelerator. Flexibility is designed into our products, for example to provide easy customisation of the look and feel.

### Key Features

- Recognised high performance
- Minimal footprint
- Field-proven scalability
- Comprehensive set of JSRs
- Operator and third-party extensions
- Flexible architecture and easy customisations across various platforms
- Binary and Partial Source Code License available
- Operating systems (OS) supported:
  - MS Windows, Windows Mobile 5 and above, Symbian/UIQ, Linux, Brew, Nucleus, RedArrow, AJAR, APOXI, Open-Plug Elips, RTK, REX, Soleus
- CPU-supported
  - all ARM configurations including ARM 7, ARM 7 Thumb, ARM 9, ARM 11, Cortex A8
  - StrongARM
  - Intel x86, XScale
- Memory footprint
  - ROM: >1 MB (JTWI build, measured on Simulator, ARM Thumb mode)
  - RAM: dependent on applications, per isolate memory overhead: <1 MB

## FastBCC

Ahead of Time (AOT) Compilation at Application Install Time



# myriad™

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### About Myriad

Myriad is a world leader in mobile software, including industry-leading browser and messaging applications that have powered more than 1.5 billion phones for the top 5 phone manufacturers and other global customers. The company is the only vendor able to provide complete software solutions for both RTOS and Linux-based mobile devices, including specific applications required by KDDI, Vodafone, Orange, KTF and other network operators. Given its myriad of software assets, Myriad is the ideal partner for any brand wanting to create the most innovative mobile phones, quickly and cost-effectively.