

# EBSOTECH IX™ SDK

## Frequently Asked Questions

### 1. What is Ebsotech IX™ SDK?

Ebsotech IX™ Software Development Kit (SDK) is a framework for rapid development of platform-independent software. It provides a consistent, easy-to-use environment for producing robust, scalable and high-performance solutions for global markets. Due to its innovative Operating System Abstraction technology, concurrent development for multiple platforms is easier and more efficient and cost saving than ever.

Ebsotech IX™ SDK effectively encapsulates the 64-/32-bit, processor architecture and byte order differences and provides a consistent multi-threading, synchronization and protocol implementation for all the supported platforms.

### 2. For whom is Ebsotech IX™ SDK targeted?

Ebsotech IX™ SDK is designed for software developers and systems integrators as well as e.g. ISV's to produce 64-/32-bit high performance applications for multiple target operating systems simultaneously. It is also an ideal solution for porting existing UNIX® applications to Linux® and Microsoft® Windows®, and vice versa, without sacrificing scalability, reliability or performance.

Although Ebsotech IX™ SDK has been written in C, its architecture follows the principles of object oriented programming. Consequently, it is extremely suitable for both programmers with an object oriented background (such as experienced Java™ programmers) and those experienced in traditional C programming.

### 3. What is new in this release?

Ebsotech IX™ SDK Release 2.0 includes updates to function libraries, library support for the Borland® C++ Compiler in Microsoft Windows environments, updated documentation, and a useful tool for software localization, Ebsotech IX™ Localizer.

### 4. What is the significance of Ebsotech IX™ SDK to developers?

There are many benefits to using the Ebsotech IX™ SDK development environment:

- It supports seamlessly both 64- and 32-bit application development, and it provides developers with an optimal path between existing and new generation systems.

- It makes possible a fast development cycle for several target environments simultaneously. Single source code can be compiled to Linux, most common UNIX platforms and Microsoft Windows environments.
- Modular object oriented structure results in economical, optimized code.
- C based architecture produces much faster code than a Java based application, for example
- The excellent internationalization features of the IX SDK make also translated language versions usable in all the supported platforms.
- The IX SDK brings significant savings to development costs, reduces localization and porting costs, and the Time-to-Market span of software applications can be significantly reduced without having to sacrifice performance or reliability.
- There are pending patent applications related to the foundation Ebsotech IX™ technology, which concern handling of massive amounts of data in distributed systems.

These features, among others, make Ebsotech IX™ SDK the development environment of future-oriented programmers.

#### **5. What is included in the Ebsotech IX™ SDK Software Accessories?**

The Ebsotech IX™ SDK Software Accessories contain a collection of software applications programmed with the IX SDK. The source code as well as the Technical Description documents provided with the programs can be used to learn more quickly how to program with the IX SDK. The sources also serve as templates for future projects.

#### **6. What is included in the Ebsotech IX™ Localizer?**

Ebsotech IX™ SDK allows programmers to internationalize software applications easily by using language-specific resource files for storing strings and messages, which can then be localized without need for additional programming. Ebsotech IX™ Localizer is an excellent tool for translating software products designed for global distribution, and its accessible graphical user interface has been designed especially for the non-programmer users (for example, translators). The IX Localizer translation manager is also well documented, and contains a built-in online help.

With IX Localizer, an application can be translated into a wide selection of languages or language variations (the British and the American variation of English, for example). Different language versions of program strings are kept in separate locale-specific files, which means that there is no need to touch the actual program code in order to localize the program. Consequently, programs can be prepared for distribution to different locales while keeping localization costs relatively low.

## **7. Are there competing products on the market?**

Ebsotech IX™ SDK is unique. There is no single product on the market today, which is able provide such a comprehensive environment for multi-platform development. The highly efficient Operating System Abstraction Technology is something previously unseen on this level.

There are some supplementary technologies from IBM®, Microsoft, HP®/Compaq® and Sun Microsystems®, and also some from the Open Source community. These technologies typically cover some areas relating to their other products and can be used in conjunction with the IX SDK, if needed. The Ebsotech IX™ model, however, covers a wider spectrum of operating systems and provides a complete, solid foundation.

## **8. Are there support services related to Ebsotech IX™ SDK?**

The Ebsotech IX™ SDK web site at [www.ebsotech.com](http://www.ebsotech.com) provides general information about the IX SDK as well as answers to technical frequently asked questions. Ebsotech SELECT customers are provided with Support Services in using the IX SDK.

In addition, Ebsotech Professional Services provides training, academic seminars and consulting in relation to the IX SDK as well as to other company products, such as Ebsotech IX™ Linux and Ebsotech IX™ IM information management solutions.

## **9. How can Ebsotech IX™ SDK be obtained?**

Ebsotech IX™ SDK Release 2.0 is available directly from the vendor and from selected distributors. There is also an evaluation version, which can be obtained directly from the vendor.

## **10. How much does Ebsotech IX™ SDK cost?**

For academic, non-commercial purposes Ebsotech IX™ SDK is licensed for a nominal fee. For commercial purposes the development license fee is based on the number of developers and the end-user license fee is based on the number of installations. The annual support fee contains free updates, support services, etc.

For further details, please contact your nearest Ebsotech distributor or the vendor directly.

## Document Information

This Ebsotech FAQ provides answers to general questions about Ebsotech IX™ SDK Release 2.0.

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## About Ebsotech

Founded in 2003, Ebsotech was formed to create a new level of software tools previously unavailable to the IT-industry for multi-platform high-performance software development. As a part of this mission company has released Ebsotech IX™ product-line offering high productivity C/C++ development and high-performance state-of-the-art results. As supplementary, Ebsotech offers support services and technology consulting services in co-operation with various technology partners.

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