

APPLICATION DEVELOPMENT ON OPTIMUM PLATFORM

The Optimum Developer's Toolkit is a global development tool built to help developers rapidly create new and sophisticated 32-bit applications for traditional and specialty market segments on the Optimum platform, which offers a broad range of terminal products. This toolkit supports application development in both C and C++ and is comprised of industry-standard development elements.

OPTIMUM DEVELOPER'S TOOLKIT

Application Development

- On-Demand multi-application feature enables all applications to run independently, which ensures optimal performance as the device can focus on all of its resources on the current program
- Adaptive Application Environment (AAE) allows applications to interact securely with each other at very high levels enabling VeriFone card acceptance devices to provide a truly collaborative approach to multi-application
- VeriFone Foundation Class Library (VFC), a set of C++ library modules, provides an object-oriented (OO) framework for the development of Point of Service (POS) applications, which affords developers flexibility and extensibility while reducing development times
- Application migration to the Optimum platform for VeriFone 8-bit and other devices is provided through standard libraries and sample applications

Industry Standard Development Elements

- GCC, the GNU Project compiler, provides many levels of source code error checking traditionally provided by other tools and can perform many different optimizations to the resulting object code
- GDB, the GNU Project debugger, provides the developer with the ability to download their application to the device and debug the application over a TCP/IP connection
- The IDE, based on Visual SlickEdit 2007, is an award winning, rich set of tools for organizing, analyzing and working with code, file and directory tree differencing and three-way merge editing

Support

- Hands-on training classes for individual developers and development teams provide detailed instruction on the fundamentals of the Optimum architecture to best leverage its capabilities
- Technical support is provided through an online portal where developers can securely report issues, get answers to frequently asked questions and download the latest software and documentation



Minimum System Requirements

Intel Pentium III 500MHz microprocessor
Microsoft Windows XP, 2000, NT4, Me, 98; LINUX Kernel 2.4
128MB RAM (256MB recommended)
1GB hard disk space
VGA monitor (SVGA recommended)
Ethernet 10Base-T network running
TCP/IP (100Base-T recommended)

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