

*The CyberNet Payment Software*



# Enabling Java™ on Embedded Payment Devices

Now is the time to harness the power of CyberNet payment devices with a wide range of embedded computing power in various applications for growing market. The **CyberSoft** platform is a complete solution utilizing Java™ technology to enable all CyberNet devices to participate in a common development environment.



## **CyberWrite**



## **Integrated Development Environment**

CyberNet delivers a solution to payment systems that integrates all the necessary tools to allow fast and efficient delivery of **CyberApps** to run on all hardware platforms that CyberNet provides.

**CyberWrite** allows users to create applications in an IDE (Integrated Development Environment) that is delivered in Java™ so it can run on all computer operating systems supporting the Java™ virtual machine.

## **CyberApps**



Applications written with **CyberWrite** called **CyberApps**, can be tested and debugged on the host development system using **CyberTerm**. This gives developers the ability to do complete application development within the IDE, speeding up development by removing the 'target shuffle' commonly found in traditional 'C' application development.

## **CyberTerm**



Since **CyberWrite** is a complete GUI, all the support for windowing environments such as 'drag and drop' and 'point and click' is supported. The host simulation of a payment device utilizes the same Java™ technology as the real device so **CyberApps** can be tested using the same application code, increasing developer confidence and reducing development and testing overhead.

CyberNet provides a range of **CyberApps** already written, tested and pre-certified in most cases. These range from simple loyalty applications through traditional magnetic swipe credit/debit card point of sale applications to many standard smartcard applications such as EMV and purse applications.



# CyberSoft OS - CyberEngine

CyberNet has developed an operating system to execute applications on a variety of CyberNet payment hardware devices. This software contains the functionality required to allow easy development of applications within the **CyberSoft** environment. It is the key component containing technology to allow multiple applications which are protected from one another, allowing module reusability and pre-certification.

CREDIT CARD	MONDEX	eTICKET	...
CyberEngine			
Device Drivers			

**CyberEngine** has been developed to operate efficiently on the type of hardware environment present on CyberNet's payment platforms. It has been written in close collaboration with the hardware designers and software driver developers so that it closely couples to the rest of the system leading to significant efficiency of operation.

Rest assured that as CyberNet's hardware offerings evolve and expand, **CyberSoft** will allow any applications developed to run on new technology.

**CyberEngine** comes pre-configured to utilize all of CyberNet's payment devices. Adding a pin pad to a payment terminal is as simple as changing one line of application code. All the software for device management is also present in the operating system so that **CyberSoft** is a complete solution.



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The logo for Cybernet Inc. features a stylized, dotted arc above the word "cybernet" in a bold, lowercase sans-serif font, followed by "inc." in a smaller, lowercase sans-serif font.

**cybernet** inc.