



Secure from the **START**

Phoenix TCSubscribe™

Phoenix TrustedCore™ Option for Pay-as-you-go and Subscription-based Computing Devices

Bring subscription and pay-as-you-go business models to PCs

Works with industry standard x86 CPUs and chipsets

Proven Phoenix TrustedCore technology

Take advantage of New Opportunities

Pay-as-you-go and subscription-based business models are well established in consumer-device and entertainment industries, including the cellular-phone, Internet and cable TV markets. Phoenix TCSubscribe™ enables all x86 device manufacturers, service providers and high-value content publishers to apply this model to reach new markets and create new revenue opportunities. TCSubscribe, an optional add-on to the TrustedCore platform, provides built-in tamper resistance and other specialized, high-assurance functions for pay-as-you-go and subscription x86 devices.

TCSubscribe: Secure Metering supporting subscription or pay-as-you-go computing



TCSubscribe



Subscription or Pay-as-you-go computing

Add time through network or other provisioning systems

A Secure Foundation

The Phoenix TCSubscribe module integrates with the Phoenix TrustedCore platform, an innovative firmware solution that proactively protects x86-based computing devices and their data before the operating system and applications even load, creating a secure, tamper-resistant platform. For desktop, mobile, embedded and server systems TrustedCore incorporates sophisticated firmware security enhancements such as StrongROM™, an enhanced embedded cryptographic engine which creates a strong chain of trust enabling strong authentication and device binding for all system software elements.



Key capabilities provided by Phoenix TCSUBSCRIBE

- Core system kernel supporting run-time interfaces to operating systems and applications
- Embedded controller software provides secure hardware ID, secure storage, secure random number generator and secure clock functions

User-interface services for displaying subscription status and renewal information

- Platform-specific layer providing hardware abstraction
- Technical documentation including secure hardware design guide

Phoenix TCSUBSCRIBE benefits for OEMs, ODMs, and system builders

- Create compelling, cost-effective, full-featured consumer platforms that provide sustainable revenue streams

Protect high-value platform software and content with built in tamper protection

- Market expansion into the high-growth segment of pay-as-you-go and subscription devices
- Phoenix TCSUBSCRIBE is provided as a binary object that rapidly integrates with TrustedCore platform

Features

- Reference design with Microsoft FlexGo™
- Secure hardware ID
- Secure Storage
- Secure random number generator
- Secure clock
- Supports wide variety of CPUs and chipsets
- Integrates with Phoenix TrustedCore platform

System Requirements

- Phoenix TrustedCore
- 2 Megabytes of system management RAM
- 2 Megabytes of BIOS ROM

Secure from the START

Phoenix Technologies is a global market leader in device-defining software that enables endpoint security from the start. The company first established dominant industry leadership over 25 years ago with BIOS software. From this unique foundation of core level expertise and firmware offering the highest levels of reliability, Phoenix has created a portfolio of innovative software products that simply and easily identify and restore devices, thereby assuring users unparalleled endpoint security and availability.

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