

# KingSub™ UICC

Embracing SIMpossibilities

Mobile network technology is advancing at a rapid pace, with 3G well on its way to becoming the next full-fledged telecommunication transmission technology worldwide.

Compared to the previous generations' services, 3G mobile networks overcame a number of technical limitations to achieve broadcasting of rich multimedia contents to all 3G mobile phones. Many can foresee the promising aspect of 3G, and thus a handful of content providers are actively promoting innovative applications to further aid its growth. During this critical transition phase from 2G to 3G, TAISYS has developed a new type of (U)SIM card – **KingSub™ UICC** –, which will assist both operators and consumers in the changeover process.



GSM · GDM2000 · WCDMA · PHS · W-LFI

## Uninterrupted Service Transition

**KingSub™ UICC** is a 3G (U)SIM card that is also backwards compatible with the 2G technology. This means that during this period of 2G to 3G exchange, operators can issue **KingSub™ UICC** cards directly so to avoid unexpected interruption of services. Subscribers may also use UICC cards as an intermediary medium to upgrade from a 2G handset to a 3G hand-held device.

## Flexible UTK Development Environment and Responsive Technical Support

Since **KingSub™ UICC** was designed around an operator's VAS portfolio, it features a flexible UTK development environment that can accommodate all degrees of customization. Taisys' own technical support team is also readily available to assist our clients in new content development efforts.

## Standard Compatibility

Special hardware and software design renders **KingSub™ UICC** a complete (U)SIM card product capable of operating in any 3G handset model or (U)SIM card.

## Standard Compliancy

ISO/IEC 7816  
 TS 23.038 TS 23.040 TS 23.048  
 TS 102.221 TS 102.222 TS 102.223 TS 135.206  
 TS 31.101 TS 31.102  
 TS 31.111 TS 31.122 TS 51.011 TS 51.014  
 SmartTrust WIB standard CMCC OTA3  
 specification

## Operation with Streamlined Efficiency

**KingSub™ UICC** fully utilizes OTA Remote File Management capabilities, allowing operators to manage service contents and files efficiently and effortlessly over the network.

## Drastic Reduction of VAS Development, Certification, and Testing Cycles

**KingSub™ UICC** includes built-in CMCC OTA3 and SmartTrust's WIB SIM-Browser functionalities, as well as an assorted selection of practical plug-in applets. These embedded features help lower extraneous integration costs since development efforts have already been completed by Taisys.

## Shipment Package

SIMoME™  ,Card,Module

## Hardware Specifications

CPU: 8/16 bit microcomputer  
 Memory size: 32K/ 64K/ 128K / 256K bytes  
 Supply voltage range: 1.5V to 5.5V; SIMoME™ 2.7V to 5.5V  
 Operating temperature range: -25°C to +75°C  
 Storage temperature range: -40°C to +125°C  
 Clock frequency: 1 MHz to 5 MHz  
 Sleep mode  
 Memory endurance for minimum 300,000 times  
 Data retention for minimum of ten years

