

WE HAVE A WINNER!

World Touch Gaming

Headquartered in Georgia, World Touch Gaming is a software company that designs, develops and delivers leading-edge products to the gaming and lottery market. Their dual-display technology and proprietary, customized use of windows CE .NET 4.2 allows World Touch Gaming to bring dynamic, reliable and highly profitable gaming content to their target markets.



Secure Your Data Jackpot

World Touch Gaming is committed to ensuring maximum product security. Their most recent concern was authenticating access to the intellectual property of their gaming machines. They needed a secure medium to store passwords and "keys" that enable the software and unlock special features. Not only did the electronics need to be secure, but the hardware packaging needed to be robust. To accomplish this, they determined that they needed a secure data transport device with the following attributes:

- ✓ High level of security to increase their marketability and client confidence
- ✓ Rugged and reliable to avoid down time and replacement costs
- ✓ Fully engineered system to reduce R&D costs and time-to-market
- ✓ Long-term support to avoid expensive re-design and implementation costs



The Solution is Key

Multiple options were explored, only to find that no other solution could match that of Datakey Electronics. World Touch Gaming chose to implement a Datakey Electronics IET Series CryptoMemory®** Token. These tokens incorporate the highly secure symmetric dynamic mutual authentication protocols provided by Atmel Corporation's CryptoMemory products. They allow encrypted passwords, mutual authentication, data encryption, and encrypted checksums, and are compliant with the ISO 7816-3 standard protocols*.



Fully-Engineered

World Touch Gaming embedded Datakey Electronics' mating SR4210PCB receptacle into their proprietary Vertex II I/O PCB. This combination of Atmel's CryptoMemory and Datakey Electronics' rugged Token package brought together a truly best-of-breed solution.



A Winning Hand

Capitalizing on Datakey Electronics' strength in data transport and access control, their new CryptoMemory Tokens will be used by World Touch Gaming maintenance and management personnel to authenticate their access to the machine and to configure the system.

They can also use the tokens to license and authorize the use of their intellectual property (the software on their gaming machines) and to potentially give access to special testing features. The Token identifies and authenticates who is attempting to gain access. Based on the results of this process, the system grants or denies access rights. Security is provided through the use of encrypted passwords, mutual authentication, data encryption, and encrypted checksums.



They Chose Datakey Electronics

"The combination of Datakey Electronics' extremely robust Token package and the high level of security provided by Atmel's CryptoMemory has created a perfect security tool for our tightly regulated gaming market," said Chris Cummings, Product Development Coordinator for World Touch Gaming.

By implementing CryptoMemory Tokens, World Touch Gaming saved money, reduced time-to-market, eliminated security roadblocks, and gained a competitive advantage. Their customers can be confident that only authorized parties are given access to the appropriate features. By using Datakey Electronics' CryptoMemory Tokens, World Touch Gaming has an electronic key with a very robust hardware and software implementation.

"The package prevents improper insertion, and the secure memory allows us to store encryption keys, authentication credentials and configurable variables without fear of tampering—this is critical to the integrity of the gaming machine," added Mr. Cummings.

The CryptoMemory Tokens enable World Touch Gaming to send their products into a market where security is of paramount importance.

* More information is available with a signed NDA.

** CryptoMemory is a registered trademark of Atmel Corporation.



Phone: 952-746-4066 • Toll-free: 1-800-328-8828

Fax: 952-746-4061 • Toll-free: 1-866-289-4212

SALES: Ext. 348 • ENGINEERING: Ext. 336

info@datakeyelectronics.com • www.datakeyelectronics.com