

RFID MULTI-READERS FOR PLAYER IDENTIFICATION

A new Czech regulation on gambling was recently adopted and came into effect on January 1, 2017. To play a slot game all players must register with the operator, and operators must ensure that players take a 15-minute break every two hours. There are limits on the possible winnings and losses on technical game devices. The Czech company Apollo Games, a specialist in design, development and manufacturing of video slot gaming machines, reacted immediately and has developed a special authentication device with an Elatec TWN4 reader inside. Apollo Games is proud to be the first company in the Czech gaming market to have such a solution certified.



The HURRICANE cabinet is one of the latest additions to the Apollo Games portfolio.



Apollo Games USB-based hardware is attached to the side of cabinet. For user interaction: buttons, a LCD screen and TWN4 Smartcard are implemented.



SITUATION

The player must be identified upon arrival and validated against a local player registration system. While playing, a set of information is to be displayed alongside standard game screens informing the player about various aspects of his/her play: total loss, losses per each session, current gaming time spent before mandatory break, etc. Upon removal of the player's card, the player will be logged out and the terminal locked.

CHALLENGE

Apollo Games needed a new type of USB-based hardware device to be developed for this new situation. The new unit had to meet following requirements:

- + RFID reader capable of holding a card and signaling its insertion and removal
- + RFID reader has to support all existing gaming cards on the market (including contact-type smartcards)
- + Possibility to write programs (apps) which are running on the reader itself
- + Easy firmware update of the reader in the field
- + Reader can operate as a standalone or host-based
- + USB & RS232 cable connectivity

SOLUTION

Due to the large number of different card types issued in the Czech gaming market, Apollo Games chose an Elatec all-in-one reader: the TWN4 MultiTech SmartCard. It includes both a contactless RFID interface (LF+HF) as well as an integrated contact card slot (ISO7816). The TWN4 MultiTech simultaneously supports more than 60 LF and HF RFID technologies. The reader can be programmed with a script language for autonomous execution of even complex commands like login procedures, increment/decrement functions and many more. The special app writing feature in combination with the field upgrade capability turns Apollo Games' device into a powerful unit, ready for all future requirements.

PRODUCT

The recommended product in this case is a TWN4 MultiTech SmartCard. For more info: www.elatec.com/case-gambling

