

**RFID CHIPS:  
A DREAM COME TRUE**

In the early 1990's, Bourgogne & Grasset (B&G), now Gaming Partners International Corporation (GPI), started making simple RFID chips, to be read one at a time. Then in 1995, B&G started working with Philips, Mikohn and another company named SafeGames, (owner of a patent on an automatic card shoe reader), to use a more sophisticated Philips RFID and reader allowing several chips to be read at a time: "anti-collision." Mikohn concentrated on the development of player tracking systems. B&G concentrated on the development of RFID chips meeting all criteria required by Casino managers and professional dealers. B&G accumulated years of development and experience based on significant amounts of RFID chips sold to European Casinos for the introduction of the Euro and to a growing number of Casinos in the US, Australasia and in Canada. All RFID chips made by GPI

By Mr Gérard P. Charlier, CEO & President of GPI



carry a unique serial number and other information, such as denomination and Casino name, programmed by GPI and made irreversibly "read only." These chips can be automatically tracked and accounted for throughout the Casinos thanks to the various readers made and sold by GPI such as: cashiers desks, chip bank readers, table top



authenticators, chip trays, and vault cabinets ("Pigeon Holes," able to read several thousands of chips in standard trays, presented for the first time at the last ICE show in London). No other RFID technology has been able to match Philips' and GPI's technology in all the multidimensional requirements of various Casino applications. This represents unparalleled protection for Casinos against counterfeit or stolen chips. Thanks to GPI's RFID chips and readers connected to their computer system, Casinos now have the possibility to perform "Casino-Currency-Control" even more efficiently than central banks can control their countries' money supplies.

Philips Hitag based RFID chips and readers directly to the Casinos for Casino-Currency-Control and components such as reader boards and antennas to licensed OEM (Original Equipment Manufacturer) companies making their own equipment, particularly for player tracking. Thanks to RFID chips, readers, and various applications, Casinos now manage their tables as efficiently as their slots. A dream come true. For more information about GPI's RFID chips and readers: [www.gpigaming.com](http://www.gpigaming.com)

Today, Gaming Partners International makes RFID chips with Philips microchips under its three brand names: "SafeChip™" by B&G, "SmartChip™" by Bud Jones, "ChipSoft™" by Paulson. Each brand corresponds to different types of gaming chips adapted to different Casino needs and practices. GPI is now able to offer, for instance, Paulson RFID chips to Casinos in the US for less than \$2 each. These chip can be read fast enough for all practical Casino applications. Prices of readers depend on the size and shape of the antennas. GPI owns several patents for the embedding of RFID in gaming chips and an exclusive license on patents now owned by Shuffle Master for the utilization of RFID chips and readers in the US for tracking and accounting RFID chips. There is also a strong synergy between GPI and other companies, which make and sell, with their own marketing and pricing strategy, players tracking systems using GPI's RFID chips. GPI sells

