

How can having RFID chips affect Finance?

Protect your assets

According to a study released by Price-Waterhouse Coopers, the average casino will face annual losses ranging from 0.79% to 0.92% due to counterfeiting, employee theft, and larceny... this means that, on average, a casino will lose \$8,500 per million.

How does this all add up?

Remember back in July of 2006 when all the casinos across the Atlantic City boardwalk closed for a few days? Well, that little snag cost the twelve casinos projected losses in excess of **\$16 million** per day...

<http://www.msnbc.msn.com/id/13714765/>

This means that, based on a projected **\$16 million** daily average, the casinos across the AC boardwalk have a annual average in excess of **\$5.8 billion**; with an anticipated projection of 0.85%, typical yearly losses will exceed **\$49.6 million** due to **COUNTERFEITING, EMPLOYEE THEFT, and LARCENY**.

What can you do?

By using RFID enabled chips in your casino, and Cx3 Chip Verification Software to intuitively process all your data, you can effectively eliminate these losses. Additionally, Cx3 can increase your efficiency, improve customer service, and enhance employee performance... all of which affect your bottom line.

Maintain compliance

All too often, it seems as though the IRS, FinCEN, gaming control, or some other governmental agency steps in to delegate additional mandates and requirements for accounting and reporting. With RFID chips processed with Cx3 Chip Verification Software, you have immediate access to the full detail of every transaction down to the chip level... date & time stamped down to the thousandth of a second. Quickly and easily recall complete audit trails based on virtually any search criteria to be printed, e-Mailed, or stored for offsite processing. With the massive amount of data processed and recorded by Cx3, and the extreme ease-of-use in recovering that data, you can proactively provide detail information with the click of a button.

Prevent losses from counterfeiting

Every RFID chip contains a specific RFID tag... each with its own unique serial number. How can this simple fact prevent counterfeiting?

- If a counterfeit chip is manufactured from scratch by a would-be counterfeiter, and that chip does not contain an RFID tag, it will not be seen by Cx3 Chip Verification Software; therefore, the transaction is suspect.
- If a counterfeit chip is manufactured from scratch by a would-be counterfeiter, and that chip contains an unknown RFID tag, it will be reported by Cx3 as an unknown chip... and the transaction is suspect.
- If a counterfeit chip is created by painting over an existing chip from your casino, Cx3 will report on what the chip currency value associated with the actual RFID chip.
- Even if a situation existed where someone created or painted over a chip, and people within your casino conspired to falsify data, Cx3 would detect the intrusion, and send immediately alerts.

Although nobody can prevent your casino from being counterfeited, Cx3 can help you to prevent the profit associated with counterfeiting. And with the profit removed, counterfeiting ceases to exist.



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Prevent losses from employee theft

Albeit inadvertently (such as through an accidental invalid payout), or maliciously, employee theft directly affects your bottom line. Cx3 provides a “second set of eyes” that will help eliminate invalid payouts by providing a conformational display (and, if desired, printed receipts). Cx3 also keeps track of each and every chip transaction, using that data for a comparative analysis every time any chip is scanned; thereby alerting surveillance, security, and supervisory personnel for any conflict. For example, if a stack of chips were redeemed at **CASINO CAGE WINDOW 4**, then one or more of these chips are brought to **CASINO CAGE WINDOW 2** to be redeemed prior to going through a corresponding **BUY IN** or **FILL** transaction, key personnel will be notified.

Prevent losses from larceny

Every RFID chip contains a specific RFID tag... each with its own unique serial number. How can this simple fact prevent larceny? No matter how secure a casino may be, the potential for larceny is possible. Unfortunately, this makes casino targets for desperate thieves.

In the event that a gaming table, casino cage, or any other chip processing location is compromised, Cx3 can help. Since every transaction is recorded, Cx3 knows precisely which chips are supposed to be on any given table. By marking the missing chips as **STOLEN**, Cx3 will immediately notify surveillance if an offending chip is returned to be redeemed, thus removing all profit from the crime.

How do you mark a chip as stolen? Simple... since Cx3 has a record of every single chip in each transaction; it knows what chips should be at **BJ-14**, and it knows specifically which transaction it was last recorded with. In the event you are compromised, simply tell Cx3 to mark every chip known to be at **BJ-14** as **STOLEN**, and then re-assign any chips that are physically remaining with a valid transaction type. The chips that are not physically there can safely be assumed as **STOLEN**, and will set off surveillance alerts if they are ever brought in to be played or redeemed.

No matter how many security measures you employ, you cannot prevent an attempted robbery at your casino; however, when criminals know that they cannot profit by stealing from your casino, why bother?

Track markers

Imagine having the ability to accurately track and chips associated with a marker from the time of disbursement to the very second it is brought in to be redeemed. You can know if a marker assigned to player **JOHN SMITH** was ever used in play, or if the marker was accepted, later redeemed, and used as an interest free loan. Since each chip has its own unique serial number, Cx3 can record each chip as “**a marker assigned to John Smith**”, and can inform you when **MR. SMITH** returns to a cashier's cage that he is cashing out, how much he is cashing out for, and even if any of the chips initially allotted to him saw any play.

Enhanced accounting and reconciliation

RFID is the first active security device regarding casino chip technology. Each chip is uniquely tracked, and your Cx3 scanning stations actively process, record, and report on all RFID chip activity. Cx3 data is completely exportable, and the system is capable of being interfaced with a plethora of existing software & systems.



