

How can having RFID chips assist Security & Surveillance?

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.

Prevent losses from employee theft

Whether it is 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 of any conflicts.

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 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 pits and cages targets for desperate thieves.

In the event that a gaming table is compromised, Cx3 can help. Since every transaction is recorded, Cx3 knows precisely which chips are supposed to be on any given table at any given time. 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?



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Prevent conflicting transactions

Cx3 Chip Verification Software allows you to scan and record every RFID chip transaction every step of the way... and you get to define your own transactions and transaction conflicts. As an example, standard transaction types may include **BUY IN**, **CASH OUT**, **FILL**, and **CREDIT**; however, there is so much more you can do by simply adding a few transaction types (and associated conflicts) to support your business model – to continue this example, let’s take a look at stock rotation.

During one particular incident, an employee was rotating chips, and opened a box of \$500 chips only to find that it was actually filled with \$1 chips... a loss that cost the casino \$49,900. All that could be ascertained was that the switch happened sometime after the last stock rotation three months ago. By adding a transaction type called **IN STOCK** defined to conflict with all transaction types except for a transaction type called **GO LIVE**, the financial loss could have been averted. If someone stole the aforementioned box of \$500 chips, and any of those chips were brought to a casino cage to be redeemed (providing the cage is running Cx3 Chip Verification Software), surveillance would be immediately alerted... prevent its profit, and the crime goes away.

Instant notification of transaction conflicts

Cx3 provides immediate on-screen notification of any alert; however, it also notifies your security, supervisory, and surveillance personnel using:

- Database storage for auditing
- Hard copy printing
- SMS text messaging
- E-Mail

Maintainable audit trail of transaction conflicts

At any time, from any Cx3 auditor application, an entire history of transaction conflicts can be precisely and quickly searched, printed, exported, or e-Mailed. Security and surveillance requires absolute record-keeping... by using RFID security features available in chips today to enhance and automate your logs for transactions and conflicts, you’re already way ahead of the game.

These are just a few of the immediate benefits of RFID technology, as brought to you through Cx3 Chip Verification Software... now what would YOU like to see?

