

GAMING



TORUS

torus-technology.com

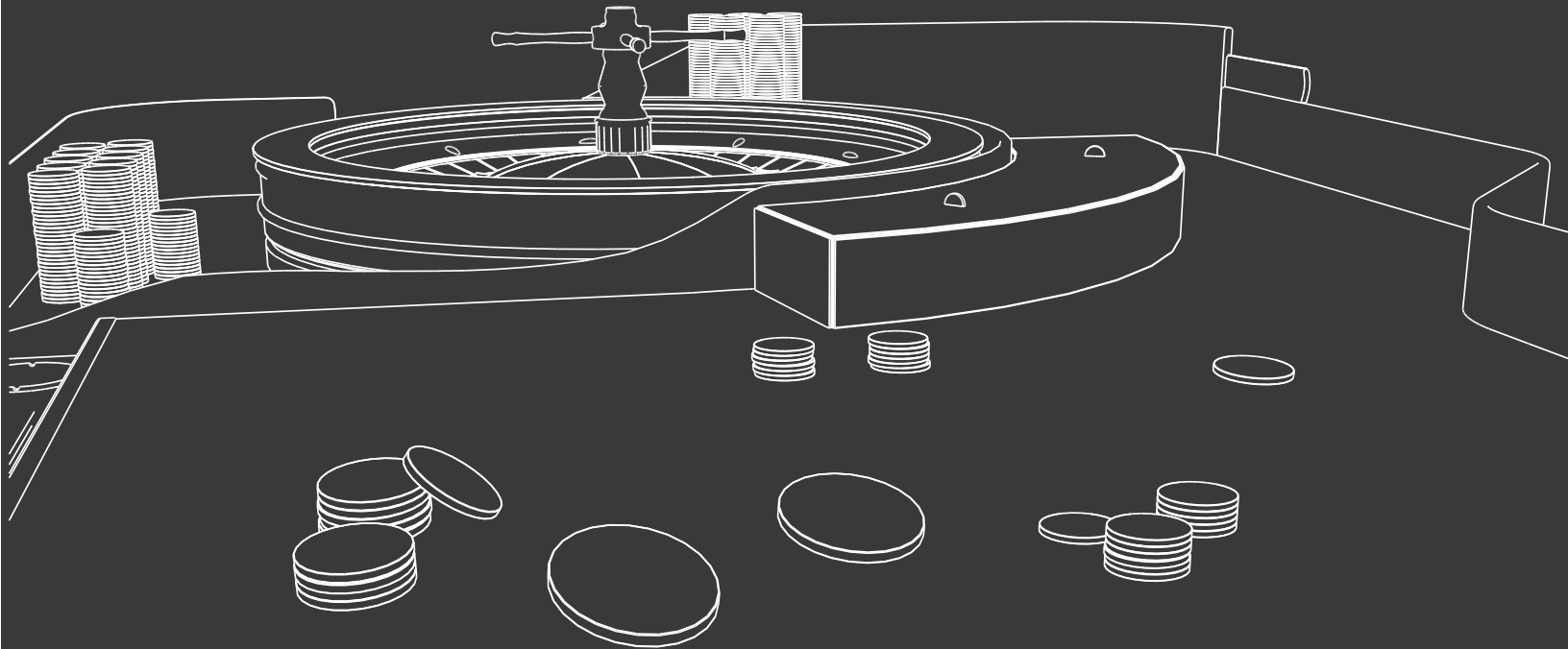
CLOUD-NATIVE ACCESS CONTROL FOR KEYS



KEEPING TRACK OF THE CASINO KEY MAZE

In the gaming industry, every key unlocks critical access. But with so many keys in so many places, it's all too easy for them to go missing.

Uncontrolled access to keys can result in severe consequences, including theft, fraud, safety risks for staff and guests. It can also result in regulatory non-compliance, operational disruptions, administrative burden and internal collusion. Plus, reputational damage and loss of trust .



Grand Master and Master Keys



Administrative Offices



Cash boxes, jackpot and vaults



Slot Machines



Table Games



Maintenance, Utility and Security Rooms



Main Entrances and External Doors



Storage, Lockers and Supply Rooms

THE PROBLEM WITH KEYS

A missing key is more than just an inconvenience. It's a risk. Because in casinos, if the right key is lost or unavailable, the consequences can be severe.



Escalating replacement costs

Regularly replacing missing keys and locks becomes very expensive, very quickly.



Wasted time and resources

Managing keys takes away from other important tasks.



Staff and student safety

When keys go missing or end up in the wrong hands, it puts safety on the line.



High security risks

Physical vulnerabilities can expose casinos to intrusions, potentially disrupting operations and leading to security risks.



Operational inefficiencies

Manual key handling and traveling between facilities - just to collect keys - increases staff downtime and reduces productivity.



Non-compliance

Problematic key management goes against the gaming industry's standards concerning security and access.

WHAT IS TORUS?

Torus is a cloud-native access control solution for keys. It's easy to use and scale across multiple campuses - allowing you to manage your school's keys, cards and tags with ease.

Since 2001, Torus has revolutionized key management in the gaming sector.

Harnessing the power and security of cloud-native technology, Torus will elevate the efficiency, security and safety of your casino.

Torus is proven to mitigate security risks, enhance accountability, ensure authorized access and deliver rapid return on investment.

So, stop wasting time on manual key management. With Torus, you can have complete key control at your fingertips.



COMPLETE CONTROL AT YOUR FINGERTIPS

Control every key across your casino network, ensuring only authorized staff access critical assets. You'll also benefit from a secure, scalable system designed to meet the demands of the industry.



Easy to install

With POE, DHCP and no local server requirements, Torus can be fully installed within an hour.



Cloud native

Seamlessly connect key cabinets without any IT hassle and access the software from anywhere.



Certified security

Gain peace of mind with a team of over 3500 Microsoft cybersecurity experts working to safeguard your data.



Remote key control

Make fast, informed decisions with insightful dashboards and reports accessible from anywhere, anytime.



Unlimited scalability

Use one account for unlimited keys, cabinets and facilities– perfect for casinos with multiple locations.



SMS and email alerts

Resolve security issues faster and keep the right people informed with real-time notifications.



Return on investment

Eliminate labor costs, contractor fees and the price of changing locks.



Solution for the future

Torus keeps evolving with over-the-air updates – making it a smart, long-term investment.

DELIVERING SAFETY, SECURITY AND OPERATIONAL EFFICIENCY TO YOUR CASINO

SAFETY

Exception reporting

Torus reports on overdue keys, changes to access rights, unauthorized access attempts and deleted users

Full audit trails

We audit every key event or action that takes place in your organization so users are always accountable

Electrical safety

Torus has achieved the highest levels of electrical and radio frequency safety certifications

SECURITY

Multi-custody keys

We ensure dual or multi-authentication to access critical keys and assets.

Access schedules

Torus grants or restricts access to keys based on day and/or time restrictions.

Real-time alerts

Torus sends you real-time SMS and email alerts on key transactions.

EFFICIENCY

Automated access

Torus ensures keys are available 24/7 to authorized users - no need for security personnel to manage keys manually.

Key return assurance

Torus ensures that keys are always returned and never leave the casino.

Seamless integration

Torus integrates with existing access control and other third-party systems.



TORUS MAKES EVERYONE'S LIVES EASIER



STAFF

Torus ensures staff have secure, 24/7 access to critical assets without delays.

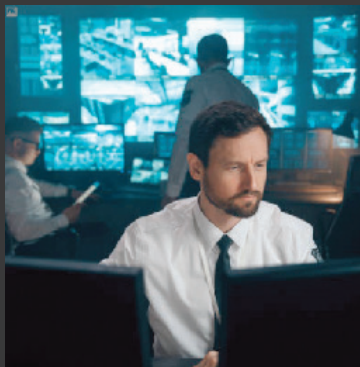
This means staff can efficiently perform their jobs without worrying about lost or misplaced keys.



FACILITY MANAGERS

Torus delivers control over keys and improves efficiency across facilities—making manager's job much easier.

With automated alerts and full reporting, staying on track of your keys has never been simpler.



SECURITY

Torus enhances security with exception reporting, real-time alerts and multi-factor authentication, preventing unauthorized access to your casino.

Plus, detailed schedules help maintain accountability ensuring key control at every level.



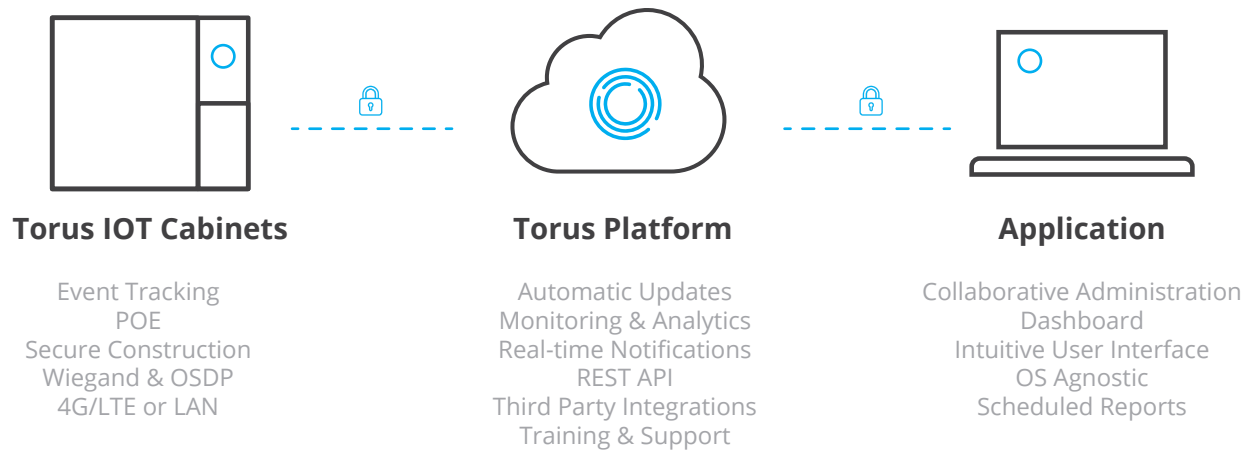
CONTRACTORS

With Torus, contractors receive controlled, time-limited access to keys without compromising security.

What's more, with automated schedules and real-time reporting at their fingertips, your administrators will always know who's working when and from where.

HIGH SECURITY CLOUD INFRASTRUCTURE

Built using the power and security of Microsoft Azure, Torus provides an enterprise-grade key management system.



AVIGILON™



COMPLYFLOW



Genetec



Honeywell



IntelliTrac
Imagine



SIEMENS

SOFTWARE HOUSE
C-CURE 1000



wicket

ZKTeco

Manufacturer

Torus is designed and manufactured by CIC Technology Pty Ltd, an ISO 27001 & 9001 certified organization.



Data Security

Torus software inherits Microsoft Azure's multi-layered security, deployed across physical data centers, infrastructure and operations. It is supported by the largest team of cybersecurity experts in the world.

Certifications

Tier 4
ISO/IEC 27001
ISO/IEC 27018

CSA
SOC 1
SOC 2

PCI
DSS
HIPAA

ENHANCING CASINO KEY CONTROL WITH TORUS & GALLAGHER SECURITY

Mindil Beach Casino & Resort is a casino in Darwin, Australia, owned and operated by Delaware North. It is the only casino in Darwin.

THE CHALLENGE	THE SOLUTION	THE OUTCOME
The facilities team faced operational challenges managing physical keys due to manual key management system. Managing and tracking high-value keys – such as those for floor operations, gaming tables and cash boxes made it difficult to ensure accountability over who had access to keys. ✖ No access control for keys ✖ No Gallagher Command Centre integration ✖ Lack of accountability ✖ Operational inefficiencies ✖ Security and compliance risks ✖ Human error and administrative burden	Mindil Beach chose Torus to provide key control, improve efficiency and enhance security. Torus cabinets are strategically located for staff to have convenient access while maintaining oversight through real-time tracking and reporting. ✔ Torus cabinets configured and installed ✔ Management from a single platform (Command centre) ✔ Enterprise grade solution ✔ Real-time alerts via SMS and email ✔ Reduced administrative burden	Mindil Beach transformed its operations, achieving significant time and cost savings. As a result, it: + Saves 5,952 hours of labor per year in staff time + Achieved ROI in just 2 months + Increased operational efficiency + Experiences seamless automation

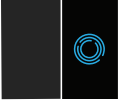
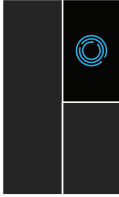
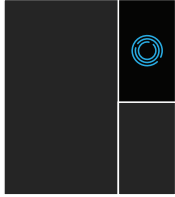
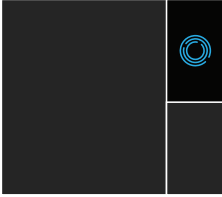
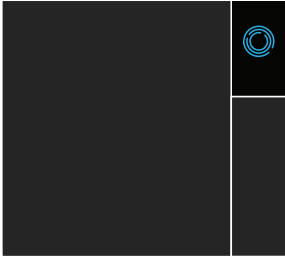


The Torus and Gallagher integrated solution has significantly improved our operational efficiency. We now have visibility over who's accessing keys, and when. The real-time SMS alerts and audit reports have reduced risk and help ensure that we are compliant. It's simplified our operations and saved a lot of time.

Mindal Beach Casino & Resort



THE NITTY-GRITTY

				
TORUS 5	TORUS 15	TORUS 25	TORUS 50	TORUS 100

CAPACITY	5 key sets	15 key sets	25 key sets	50 key sets	100 key sets
WEIGHT	33lbs	77lbs	92lbs	119lbs	196lbs
HEIGHT	13 1/8 "	26 3/4 "	26 3/4 "	26 3/4 "	37 "
WIDTH	19 1/8 "	22 1/4 "	25 3/4 "	34 1/4 "	40 3/4 "
DEPTH	7 1/4 "	7 1/4 "	7 1/4 "	7 1/4 "	7 1/4 "

Metric Units

WEIGHT	15Kgs	35Kgs	40Kgs	54Kgs	89Kgs
HEIGHT	335 mm	675 mm	672 mm	675 mm	942 mm
WIDTH	485 mm	532 mm	620 mm	840 mm	1036 mm
DEPTH	182 mm	182 mm	182 mm	182 mm	182 mm

ACCESSORIES



EMERGENCY
READER DEVICE (ERD)



BIOMETRIC
READERS



TAMPER-PROOF
KEY RINGS



PROX
READERS

Get in touch to learn more about how Torus
can revolutionize your casino.

(833) 939-3355 (USA)

(+61) 1300 182 199 (Australia, NZ)

torus-technology.com
sales@torus-technology.com