

TRANSPORT & FLEET MANAGEMENT



TORUS

torus-technology.com

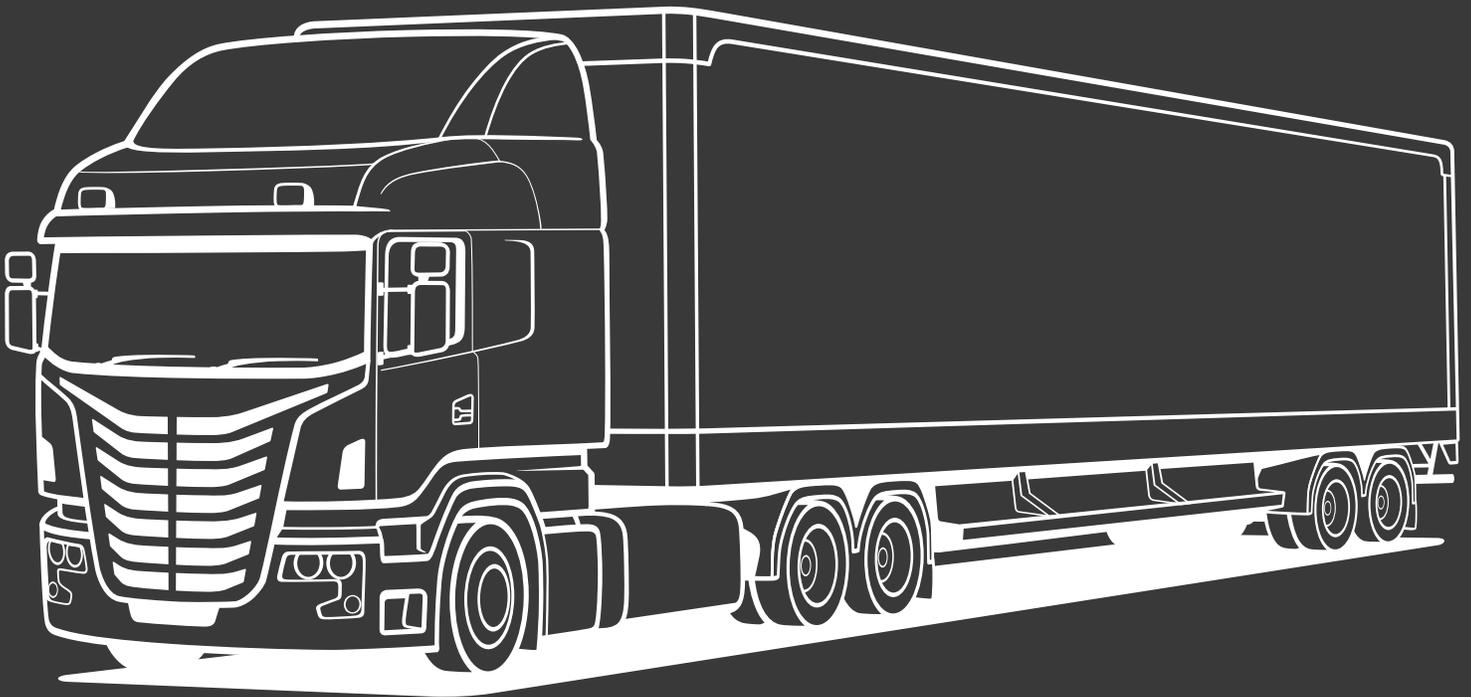
CLOUD-NATIVE ACCESS CONTROL FOR KEYS



KEEPING TRACK OF THE TRANSPORT & FLEET MANAGEMENT KEY MAZE

In the transport & fleet management sector, every key unlocks access to a critical asset. But with so many keys in so many places, it's all too easy for them to go missing.

Uncontrolled access to fleet keys can result in serious consequences, including vehicle theft or misuse, safety hazards for drivers and the public, operational downtime, regulatory non-compliance, increased liability, and loss of trust in the organization's ability to manage its transport assets securely.



Vehicle and Fleet



Office and Building



Grandmaster / master keys



Equipment and Storage



Security



Depots



Utility and Maintenance



Emergency and Response

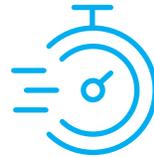
THE PROBLEM WITH KEYS

A missing key is more than just an inconvenience. It's a risk. Because in transport and fleet management, 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.



Health and safety hazards

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



High security risks

Physical vulnerabilities can expose sites to intrusions, potentially disrupting operations and leading to daily revenue losses.



Operational inefficiencies

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



Non-compliance

Problematic key management goes against the industry's strict regulations 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 sites - allowing you to manage your organization's keys, cards and tags with ease.

Since 2001, we've revolutionized key management in the transport and fleet management sector.

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

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 fleet network and ensure only authorized staff access vehicles and critical infrastructure. 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 buildings – perfect for organizations 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 FLEET

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 site.

Seamless integration

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



TORUS MAKES EVERYONE'S LIVES EASIER



OPERATORS

Torus ensures operators have secure, 24/7 access to vehicles and critical infrastructure without delays.

This means technicians can focus on maintenance and repairs without worrying about lost or misplaced keys.



MANAGERS

Torus delivers control over keys and improves efficiency across sites –making a 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 facilities.

Plus, detailed schedules help maintain compliance with industry regulations, ensuring key control at every level.



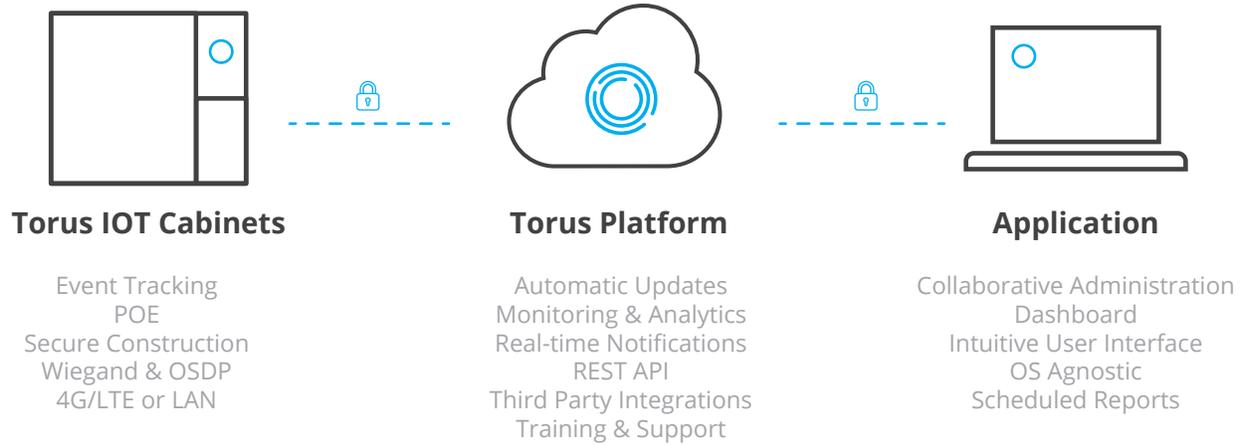
CONTRACTORS

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.



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	CSA	PCI
ISO/IEC 27001	SOC 1	DSS
ISO/IEC 27018	SOC 2	HIPPA

HOW TRANSCORE GAINED KEY CONTROL AND SAVES 3,500 HOURS EVERY YEAR

TransCore, a leader in the transportation industry, provides innovative, technical solutions and engineering services for next-generation Open Road Tolling and Traffic Management systems. The company operates throughout the U.S. and internationally.

THE CHALLENGE	THE SOLUTION	THE OUTCOME
<p>The Operations team at TransCore struggled to manage and control their vehicle keys. Until recently, the vehicle keys were accessed without logging and often not returned on time. This lack of visibility and tracking of key usage compromised the vehicle security and staff safety.</p> <p>Issues included:</p> <ul style="list-style-type: none">✘ No access control for keys✘ Employees not following key management procedures✘ Day-to-day key management process consuming daily hours✘ Lack of accountability✘ Safety and security risks	<p>Torus not only improved security and safety, but also enhanced operational efficiency. With Torus, keys are always available when they're needed and secured when not in use. Administrators now have constant control over vehicle keys and no longer need to search for lost/misplaced keys.</p> <ul style="list-style-type: none">✔ Enhanced efficiency and streamlined key management✔ Increased team productivity✔ Improved visibility and accountability✔ Achieved key control✔ Real-time SMS and email alerts for overdue or unreturned keys	<p>Transcore transformed its daily operations, achieving significant time and cost savings.</p> <p>As a result, it:</p> <ul style="list-style-type: none">+ Saves 3,500 hours per year+ Achieved ROI in just 3 months+ Improved accountability for 100 service vehicles

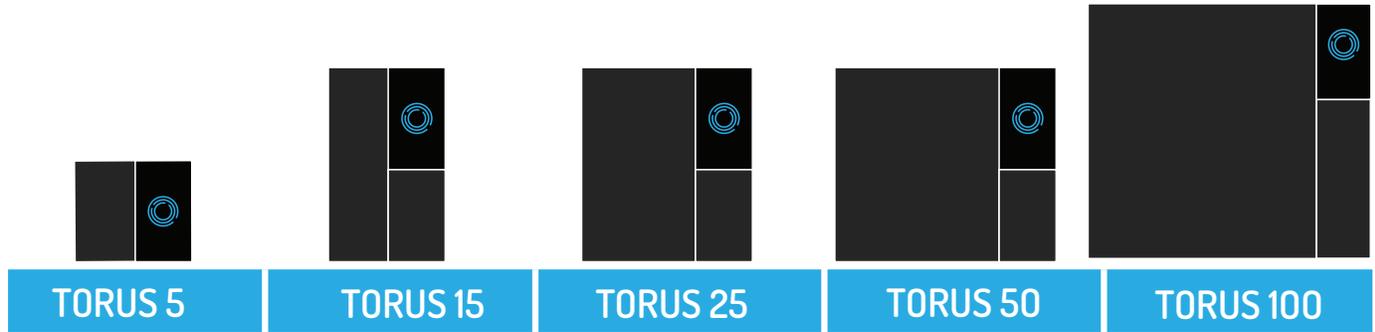


Torus has provided us with a higher level of security and clarity that we never had before. It has made the management of our vehicles across 400 staff much simpler. Torus eliminated the daily chaos, interruptions, wasted time, and resources that we used to spend on managing and tracking down our keys.

TransCore



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				

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 organization.

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