



## 3 MONTH ROI

# HOW CHOC IS SAVING 6,000 HOURS EVERY YEAR BY AUTOMATING ACCESS CONTROL FOR KEYS

Children's Hospital of Orange County (CHOC) is a pediatric healthcare system based in Orange County, California. CHOC offers several clinical programs of excellence for serious pediatric illnesses and injuries, physical and mental.

The operations team at CHOC faced challenges in managing facility keys. Without an access control system for keys in place, keys were issued manually with one staff member acting as a steward. Staff and contractors had to wait for the steward to issue and collect keys, causing delays in emergency situations. Manual key handling resulted in human errors, lost keys, time-consuming processes and staff spending valuable time trying to gain access to keys.

Multiple departments within the hospital, including plant operations, security, pharmacy, and mental health, experienced key management challenges. Since records were kept in a physical logbook, real-time monitoring was difficult and raised significant security concerns. If a key went missing, it became challenging to track down the last user. And an additional burden on personnel to maintain mandatory compliance requirements. Furthermore, losing high-security keys would often result in expensive lock replacements.

The hospital management realized they needed an access control for keys to control and monitor them, ensuring keys never leave the site. Soon, they turned to Torus and 6 Torus cabinets are installed to date. With an automated key management system, it is now easy to monitor, control and access keys. They can trace the last 'key user' whenever required. This has allowed the management to quickly address instances of lost, damaged, or misplaced keys. If keys are not returned, real-time SMS & email alerts are sent ensuring prompt return of the keys. With keys in control, CHOC is now saving enormous time every year.

THE CHALLENGE	THE SOLUTION	THE SAVINGS
HUNDREDS OF KEYS	\$130K UPFRONT (Plus \$6k per year)	6000 HOURS PER YEAR
<ul style="list-style-type: none"><li>× Ineffective key management system</li><li>× Human error</li><li>× Continual key loss</li><li>× Safety and security risks</li><li>× Wasted time and resources</li><li>× Keys leaving site</li></ul>	<ul style="list-style-type: none"><li>+ 6 X Torus -15 cabinets configured and installed.</li><li>+ Eliminated risk of re-keying</li><li>+ Automated 24-hour access to keys</li><li>+ Real-time alerts via SMS and email</li><li>+ Reduced administrative burden</li></ul>	<ul style="list-style-type: none"><li>✓ ROI = 3 months</li><li>✓ \$15,000 saved on replacing locks and keys</li><li>✓ \$300K per year labor efficiency gain across staff and contractors</li><li>✓ Reduced time spent searching for keys or waiting for keys</li></ul>



Security and accountability are integral to the efficient running of the hospital. Torus has made a massive difference in our key management system. We now have confidence that keys will not leave the site, allowing our staff to focus on delivering high-quality service to our patients.  
PlantOps Manager | CHOC